# For Informational Purposes Only – Not Subject to WUTC Review Qwest Corporation

Catalog No. 2 **PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

Washington

TITLE PAGE Original Sheet 1

# **RATES AND CHARGES**

Applying to the provision of Intrastate

# PRIVATE LINE TRANSPORT SERVICES

within the operating territory of

**Qwest Corporation** 

in the State of

WASHINGTON

Qwest Corporation 1801 California Street, Room 5100 Denver, Colorado 80202

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Mailing Address: Qwest Corporation 1801 California Street, Room 4700 Denver, CO 80202-2658 Email: www.qwest.com Unified Business Identifier (UBI): 601 295 793

Effective December 1, 2007, Private Line Transport Services Catalog No. 2 cancels the Private Line Transport Services Catalog and Private Line Transport Services Tariff U-41 in their entirety.

NOTICE THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.

WA2007-025

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# **1. APPLICATION AND REFERENCE**

# **1.1** APPLICATION OF CATALOG

This Catalog contains the rates and charges applicable to Private Line Transport Services, furnished by Qwest Corporation, hereinafter referred to as the Company, throughout the territory served by it in the State of Washington.

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# **1. APPLICATION AND REFERENCE**

# **1.4** CATALOG FORMAT

# **1.4.1** LOCATION OF MATERIAL

- 1. Section 1 provides the following for all of the sections in this Catalog.
  - Subject Index an alphabetical listing to find the desired section.
  - Table of Contents a numerical listing to find the desired section and page.
- 2. Each individual section in the Catalog provides a Subject Index for the material located within that section.
- 3. Obsolete service offerings are identified in the Catalog by adding 100 to the current section number, i.e., obsolete items from Section 5, Services, would be found in Section 105, Obsolete Services. This section is then filed behind Section 5.

# **1.4.2 OUTLINE STRUCTURE**

The Catalog uses nine levels of indentations referred to as Tariff Information Management (TIM) Codes, as outlined below:

LEVEL	APPLICATION	EXAMPLE
1	Section Heading	5. SERVICES
2	Sub Heading	5.2 SERVICE DESCRIPTIONS
3	Sub Heading	5.2.5 AUDIO SERVICE
4	Sub Heading/Text	A. Basic Description
5	Sub Heading/Text	1. Text
6	Sub Heading/Text	a. Text
7	Sub Heading/Text	(1) Text
8	Sub Heading/Text	(a) Text
9	Footnotes	[1] Text

# **1.4.3 RATE TABLES**

Within Catalog rate tables, four types of entries are allowed:

• Rate Amount

The rate amount indicates the dollar value associated with the service.

• A dash "–"

The dash indicates that there is no rate for the service or that a rate amount is not applicable under the specific column header.

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# **1. APPLICATION AND REFERENCE**

# 1.4 CATALOG FORMAT 1.4.3 RATE TABLES (Cont'd)

• A footnote designator "[1]"

The footnote designator indicates that further information is contained in a footnote.

• ICB

The acronym "ICB" indicates that the product/service is rated on an individual case basis.

# 1.4.4 USOC COLUMN

Within Catalog USOC columns, two types of entries are allowed:

• USOC

The three- or five-character code for the product or service.

• N/A

The "N/A" indicates that there is no applicable USOC.

# **1.5** EXPLANATION OF CATALOG CHANGE SYMBOLS

- (C) To signify changed regulation
- (D) To signify discontinued material
- (I) To signify rate increase
- (K) To signify material moved to another part of the Catalog with no change, unless there is another change symbol present
- (M) To signify material moved from another part of the Catalog with no change, unless there is another change symbol present
- (N) To signify new material
- (R) To signify rate reduction
- (T) To signify a change in text but no change in rate, regulation, term or condition

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# **1.6 EXPLANATION OF ABBREVIATIONS**

C.F.R. Co. CO CPE dB dBm0 dc D.C. DID DLR DP E. EDD e.g. EIA ELEPL EPL etc. F.C.C. FID GPR H Hz IC ICB i.e. Inc. IP kbit/s kHz LATA Mbit/s MHz	Decided Reference to 0dB Direct current District of Columbia Direct Inward Dialing Design Layout Report Demarcation Point East Envelope Delay Distortion For example Electronics Industry Association Equal Level Echo Path Loss Echo Path Loss Etcetera Federal Communications Commission Field Identifier Ground Potential Rise Horizontal Hertz Interexchange Carrier Individual Case Basis That is Incorporated Interconnection Point Kilobits per second Kilohertz Local Access and Transport Area Megabits per second
MHZ MTS	Message Telecommunications Service

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# **1. APPLICATION AND REFERENCE**

# **1.6** EXPLANATION OF ABBREVIATIONS (Cont'd)

N.	North
N/A	Not Applicable
No.	Number
NST	Nonscheduled Testing
PBX	Private Branch Exchange
PL	Private Line
S.	South
SWC	Serving Wire Center
TIM	Tariff Information Management
TLP	Transmission Level Point
TSP	Telecommunications Service Priority
U.S.	United States
USOC	Uniform Service Order Code
V	Vertical
VG	Voice Grade
V & H	Vertical & Horizontal
W.	West

# 1.7 TRADEMARKS, SERVICE MARKS AND TRADE NAMES

Marks are identified in text throughout this document in all caps and italics, e.g., *QWEST*.

Mark	OWNER
DATAPHONE®	American Telephone & Telegraph Co.
QWEST <sup>®</sup>	Qwest Communications International Inc.

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# **1. APPLICATION AND REFERENCE**

# **1.8 REFERENCE TO OTHER TARIFFS**

Whenever reference is made in this Catalog to other documents of the Company, the reference is to the tariff/catalog in force as of the effective date of this Catalog, and to amendments thereto and successive issues thereof.

# **1.9 REFERENCE TO TECHNICAL PUBLICATIONS**

- A. All service(s) offered in this document must conform to the transmission specification standards contained in-this document or in the following Technical References.
- B. The following technical publications are referenced in this Catalog and may be obtained from Telcordia, Customer Service, 8 Corporate Place, PYA-3A184, Piscataway, NJ 08854-4196:

TITLE	PUBLICATION NUMBER
Transport Systems Generic Requirements (TSGR) Issued: 1992 Edition	FR-NWT-000440
Ordering and Billing Forum-Multiple Exchange Carrier Access Billing (MECAB) Issued: November, 1987	SR-ILB-000983
Industry Support Interface (ISI): General Overview Issued: July 1989	SR-STS-000284
Ordering and Billing Forum-Multiple Exchange Carrier Ordering and Design Guidelines (MECOD) Issued: March, 1988	SR-TAP-000984
Telecommunications Transmission Engineering Textbook-Volume 3: Network and Services, Third Edition Issued: August, 1989	ST-TEC-000053

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### 1.9 **REFERENCE TO TECHNICAL PUBLICATIONS** B. (Cont'd)

### **PUBLICATION** TITLE NUMBER TR-NPL-000336 Metallic and Telegraph Grade Special Access Service Transmission Parameter Limits and Interface Combinations Issued: October, 1987 Program Audio Special Access and TR-NPL-000337 Local Channel Services Issued: July, 1987 Voice Grade Special Access Service -TR-NWT-000335 Transmission Parameter Limits and Interface Combinations Issued: May 1990

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# **1. APPLICATION AND REFERENCE**

# **1.9 REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)**

C. The following Qwest Corporation Technical publications are referenced in this Catalog and may be viewed at http://www.qwest.com/techpub

TITLE	PUBLICATION NUMBER
Qwest DS1 Service Publication Issued: August, 1993	77200
Qwest Digital Data Service Product Description, Applications, and Interface Combinations Issued: November 1995	77204
Voice Grade Special Service - Basic Voice - Transmission Parameters Limits and Interface Combinations Issued: December, 1988	77309
Qwest Corporation Technical Publication Analog Channels for Non-Access Issued: March, 1993	77311
Qwest Digital Data Service, Technical Description Issued: October 1994	77312

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# **1.9 REFERENCE TO TECHNICAL PUBLICATIONS**

C. (Cont'd)

TITLE	PUBLICATION NUMBER
Qwest Corporation Technical Publication Low-Speed Data Channels Interface Specifications Combinations Issued: March, 1991	77313
Qwest Corporation Local Area Data Service (LADS) Issued: July, 1991	77314
Pacific Northwest Bell's InterLATA Signaling Channels Issued: July, 1986	77317
Special High Voltage Protection Issued: June, 1988	77321
Qwest Corporation DS3 Service Issued: April, 1993	77324
Simultaneous Voice and Data Service (SVDS), (Digital Data Over Voice Technology) Digital Access Arrangements, Network Interface Specifications Issued: September, 1994	77331
Qwest Corporation Self Healing Network Service Issued: December, 1992	77332
Qwest Corporation Self Healing Alternate Route Protection Issued: December, 1992	77340

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# **1.9 REFERENCE TO TECHNICAL PUBLICATIONS**

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TITLE	PUBLICATION NUMBER
Qwest Corporation Diversity and Avoidance Issued: November, 1990	77344
Network Channel and Network Channel Interface Combinations Issued: March 1989	77365
Command A Link Technical Descriptions and Interface Combinations Issued: November, 1994	77371
1.544 Mbit/s Channel Interfaces Technical Specifications for Network Channel Interface Codes Describing Electrical Interfaces at Customer Premises and at Qwest Corporation Central Offices Issued: October, 1995	77375

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# **1. APPLICATION AND REFERENCE**

# **1.10 REFERENCE TO OTHER PUBLICATIONS**

A. The following publications are available for inspection in the Public Reference room of the Tariff Division at the main building of the Federal Communications Commission located at 1919 M Street N.W., Washington, D.C., and may be obtained from the Federal Communications Commission's commercial contractor:

# TITLE

CC Docket No. 83-1145, Phase I Memorandum Opinion and Order (Including Appendices A, B, and C) Adopted: May 31, 1985 Released: June 12, 1985

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

Qwest Corporation TARIFF F.C.C. NO. 1

Qwest Corporation TARIFF F.C.C. NO. 2

B. The following publication may be obtained by contacting the Company Account Representative:

# TITLE

Qwest Corporation Service Interval Guide Issued: November, 1988

C. The following chapters of the Washington Administrative Code (WAC) is referenced in this Tariff and may be obtained from the Washington Utilities and Transportation Commission (WUTC), Chandler Plaza Building, 1300 S. Evergreen Park Drive S.W., P.O. Box 47250 Olympia, Washington 98504-7250.

Chapter 480-80 Chapter 480-120 **PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# **1. APPLICATION AND REFERENCE**

# **1.10 REFERENCE TO OTHER PUBLICATIONS (Cont'd)**

D. The following publications may be obtained through the Government Printing Office, Superintendent of Documents, Document Control Branch, 941 N. Capitol St. N.E., Washington, D.C. 20401:

# TITLE

Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook, National Communications System (NCS) H 3-1-2 Issued: July, 1990

Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual, National Communications System (NCS) M 3-1-1 Issued: July, 1990

Code of Federal Regulations, Title 47

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 2. GENERAL REGULATIONS

# 2.1 UNDERTAKING OF THE COMPANY

# 2.1.1 SCOPE

- A. Private Line Transport Services is the furnishing of Company facilities for communication purposes of the customer and end users (jointly referred to as customer) between specified locations. Service is furnished seven days per week, twenty-four hours per day for a minimum billing period of one month or as defined in 2.4.2 following.
- B. The Company does not undertake to transmit messages under this Catalog.
- C. The Company shall be responsible only for the installation, operation and maintenance of the services which it provides, as defined in 2.1.4 and 2.1.5 following.
- D. The Company does not warrant that its facilities and services meet standards other than those set forth in this Catalog, the associated technical references and the Washington Administrative Code (WAC).
- E. The Company will, for maintenance purposes, test its services only to the extent necessary to detect and/or clear trouble or as required in the WAC.

# 2.1.2 LIMITATIONS

- A. The installation and restoration of service shall be in accordance with the rules for Telecommunications Service Priority as set forth in Section 13 of the Access Service Tariff and the WAC.
  - The provision or continuation of Private Line Transport may be limited, in order to comply with orders issued under wartime authority of the President of the United States or, in order to comply with procedures for the restoration of vital private line services during emergency situations, such as major natural or man-made disasters.
- B. Subject to compliance with the above mentioned rules, where a shortage of facilities exists at any time either for temporary or protracted periods, the services offered herein will be provided to customers on a first come, first serve basis.
- C. The furnishing of service under this Catalog will require certain physical arrangements of the facilities of the Company and is therefore subject to the availability of such facilities.

# NOTICE

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 2. GENERAL REGULATIONS

# 2.1 UNDERTAKING OF THE COMPANY (Cont'd)

# 2.1.3 LIABILITY

- A. The Company's liability, if any, for its willful misconduct is not limited by this Catalog. 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, including Presubscription and subject to the provisions of B. through G. following, the Company's liability, if any, shall not exceed an amount equal to the proportionate charge for the service for the period during which the service was affected. This liability shall be in addition to any amounts that may otherwise be due the customer under this Catalog as a credit allowance for service interruptions as set forth in 2.4.3 following.
- B. The Company shall be indemnified, defended and held harmless by the customer against any claim, loss, or damage arising from use of services offered under this Catalog involving:
  - 1. Claims for libel, slander, invasion of privacy and infringement of copyright arising from the material transmitted over the facilities or the customer's or interexchange carrier's own communications;
  - 2. Claims for infringement of patents arising from combining with, or using in connection with, facilities furnished by the Company, facilities or equipment furnished by the customer or Interexchange Carrier (IC);
  - 3. All other claims arising out of any act or omission of the customer or IC in connection with the facilities provided by the Company.
- C. The Company shall not be liable for any act or omission of any customer providing a portion of a service, nor shall the Company, for its own act or omission hold liable any customer providing a portion of a service.
- D. The Company does not guarantee nor make any warranty with respect to facilities provided by it for use in an explosive atmosphere. The customer indemnifies and holds the Company harmless from any and all loss, claims, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by the customer or by any other party or persons, for any personal injury to or death of any person or persons, and for any loss, damage or destruction of any property, whether owned by the customer or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of said facilities so provided. The Company may require each customer to sign an agreement for the furnishing of such facilities as a condition precedent to the furnishing of such facilities.

NOTICE

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**SECTION 2** Original Sheet 3

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 2. GENERAL REGULATIONS

# 2.1 UNDERTAKING OF THE COMPANY

# 2.1.3 LIABILITY (Cont'd)

- E. The Company is not liable for any defacement of or damage to the premises of a customer resulting from the furnishing of any facilities by the Company on the premises or by the installation or removal when defacement or damage is not the result of negligence of the agents or employees of the Company.
- F. No license under patents (other than the limited license to use) is granted by the Company or shall be implied or arise by estoppel, with respect to any service offered under this Catalog. The Company will defend the customer against claims of patent infringement arising solely from the use by the customer of services offered under this Catalog and will indemnify such customer for any damages awarded based solely on such claims.
- G. The Company's failure to provide or maintain services under this Catalog shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control, subject to the credit Allowance for a Service Interruption as set forth in 2.4.3 following.
- H. Customer Service Guarantee

The Customer Service Guarantee is designed to grant customers a credit if the Company fails to keep a Guaranteed Appointment or Guaranteed Commitment. The Customer Service Guarantee is administered as set forth in 2.2.2 of the Exchange and Network Services Catalog.

# 2.1.4 INSTALLATION AND TERMINATION OF SERVICES

The services provided under this Catalog will include all facilities to that point where provision is made for termination of the Company's outside distribution network facilities at a suitable location at a customer designated premises. This Demarcation Point (DP) is the end of the Private Line Transport Services. Additional premises wiring on the customer's side of the DP will be the customer's responsibility.

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**SECTION 2** Original Sheet 4

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 2. GENERAL REGULATIONS

# 2.1 UNDERTAKING OF THE COMPANY (Cont'd)

# 2.1.5 **PROVISION OF SERVICES**

The services provided to the DP under this Catalog shall be maintained by the Company. The customer may not rearrange, disconnect, remove or attempt to repair or permit others to rearrange, disconnect, remove or attempt to repair any facilities installed by the Company to the DP.

Facilities on the premises of a customer furnished by the Company to the DP, are the property of the Company, whose agents and employees shall have the right to enter said premises at any reasonable hour for the purpose of installing, inspecting or repairing the facilities, or upon termination of the service or channel, for the purpose of removing Company facilities.

# 2.1.6 CHANGES AND SUBSTITUTIONS

Except as provided for equipment and systems subject to F.C.C. Part 68 regulations at 47 C.F.R. Section 68.110(b), the 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 Catalog, 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 used to provide other than metallic 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 Company.

In case of any such substitution, change or rearrangement, the performance characteristics will be within the range as set forth in this Catalog. The Company shall not be responsible if any such substitution, change or rearrangement renders any customer furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such changes can be reasonably expected to render any customer's equipment or system incompatible with telecommunications services, or require modification or alteration of such CPE or systems, or otherwise materially affect its use or performance, the customer will be given adequate notice, in writing, to allow the customer an opportunity to maintain uninterrupted service.

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**SECTION 2** Original Sheet 5

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# 2. GENERAL REGULATIONS

# 2.1 UNDERTAKING OF THE COMPANY (Cont'd)

# 2.1.7 **REFUSAL AND DISCONTINUANCE OF SERVICES**

The refusal and discontinuance of service will be administered as set forth in Chapter 480-120 of the Washington Administrative Code (WAC).

# 2.1.8 LIMITATION OF USE OF METALLIC FACILITIES

Signals applied to a metallic facility shall conform to the limitations set forth in the appropriate Technical Reference Publication. In the case of application of dc telegraph signaling systems, the customer shall be responsible, at its expense, for the provision of current limiting devices to protect the Company facilities from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excessive noise.

# 2.1.9 NOTIFICATION OF SERVICE-AFFECTING ACTIVITIES

The Company will provide the customer reasonable notification of serviceaffecting activities that may occur in normal operation of its business. Such activities may include, but are not limited to, equipment or facilities additions, removals or rearrangements, routine preventative maintenance and major switching machine change-out. Generally, such activities are not individual customer service specific, they affect many customer services. No specific advance notification period is applicable to all service activities. The Company will work cooperatively with the customer to determine the reasonable notification requirements.

# 2.1.10 COORDINATION WITH RESPECT TO NETWORK CONTINGENCIES

The Company intends to 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.

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**SECTION 2** Original Sheet 6

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 2. GENERAL REGULATIONS

# 2.2 USE

- A. Private Line Transport Services shall not be used for an unlawful purpose.
- B. The use of any channel is restricted only in so far as the allowable parameters set forth in Chapter 480-120 of the WAC, Section 4 following, and the appropriate technical reference(s).

# **2.3 OBLIGATIONS OF THE CUSTOMER**

# 2.3.1 CUSTOMER RESPONSIBILITY

Customer responsibilities shall include:

- A. Establishing his/her identity in the course of any communication as often as may be necessary. Establishing the identity of the person or persons with whom connection is made at the called station.
- B. Placing all orders, payment of all charges offered herein and compliance with Company regulations.
- C. The service or any rights associated therewith may not be assigned or in any manner transferred except as specified below.

A transfer of billing responsibility from one customer to another customer without any change in the service, is permitted if the new customer meets the requirements referenced in 2.1.7 preceding and 2.4.1 following. A Billable Administrative Charge, as found in 3.2.2 following, applies for each supersedure of service for which the billing is changed.

# **2.3.2 DAMAGES**

The customer shall reimburse the Company for damages, to Company facilities utilized to provide services under this Catalog, caused by the negligence or willful act of the customer, or resulting from the customer's improper use of the Company facilities, or due to malfunction of any facilities or equipment provided by other than the Company. Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions. The 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 Company for the damages to the extent of such payment. This provision should not be construed to limit a parties obligation under Revised Code of Washington (RCW) 80.36.060.

# NOTICE

THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 2. GENERAL REGULATIONS

# **2.3 OBLIGATIONS OF THE CUSTOMER (Cont'd)**

# 2.3.3 SPACE AND POWER

The customer shall be responsible for the provision of space, supporting structures, where necessary, and on premises conduit required for the termination of Company facilities.

The customer shall furnish or arrange to have furnished by the Company, at no charge, equipment space and electrical power required by the Company to provide services under this Catalog at the demarcation point of such services. The selection of ac or dc power shall be mutually agreed to by the customer and the Company. The customer shall also make necessary arrangements in order that the Company will have access to the premises at any reasonable hour for installing, testing, repairing or removing the facilities of the Company.

# 2.3.4 HAZARDOUS AND EXPLOSIVE ENVIRONMENTS

The customer shall be responsible for the provision, installation and maintenance of sealed conduit with explosive-proof fittings between facilities furnished by the Company in explosive atmosphere and points outside the hazardous area where connection may be made with regular facilities of the Company. The customer may also be required to install and maintain Company facilities within the hazardous area if, in the opinion of the Company, injury or damage to Company employees or property might result from installation or maintenance by the Company.

# 2.3.5 AVAILABILITY FOR TESTING

The services provided under this Catalog shall be available to the Company at times mutually agreed upon in order to permit the Company to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. No credit will be allowed for any interruptions involved during such tests and adjustments.

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**SECTION 2** Original Sheet 8

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# 2. GENERAL REGULATIONS

# **2.3 OBLIGATIONS OF THE CUSTOMER (Cont'd)**

# **2.3.6 REFERENCES TO THE COMPANY**

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

# 2.3.7 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 Company from and against all claims arising out of the combining with, or use in connection with, the services provided under this Catalog, any circuit, apparatus, system or method provided by the customer.
- The customer shall defend, indemnify and save harmless the Company from and B. against any suits, claims, losses, 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 Company's services provided under this Catalog. Included, without limitation, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material. Also included without limitation are libel and slander actions based on the content of communications transmitted over the customer's circuits, facilities or equipment. In addition, 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 Catalog shall be included in the indemnification. 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 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 Catalog.

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**SECTION 2** Original Sheet 9

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# 2. GENERAL REGULATIONS

# **2.3 OBLIGATIONS OF THE CUSTOMER (Cont'd)**

# 2.3.8 COORDINATION WITH RESPECT TO NETWORK CONTINGENCIES

The customer shall, in cooperation with the Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

# **2.3.9 BUSINESS HOURS**

Normal business hours generally are from Monday through Friday 8 a.m. to 5 p.m. with an hour for lunch, resulting in a standard forty (40) hour work week. However, business hours of the Company may vary based on Company policy, union contract and location.

# **2.3.10** OUT OF BUSINESS HOURS

The Company provides service based on a standard or negotiated installation interval, during normal business hours. If a customer requests that installation be done outside of normally scheduled work hours, and the Company agrees to the request, the customer will be subject to appropriate overtime charges as shown in 4.1.13 following in addition to the nonrecurring charges for the specific service ordered.

Hours outside of normal business hours specified in 2.3.9, are considered overtime. Sundays and holidays are premium time.

# 2.3.11 DETERMINATION OF JURISDICTION AND CHARGES FOR MIXED INTERSTATE AND INTRASTATE PRIVATE LINE TRANSPORT SERVICE

- A. When a customer orders a Private Line Transport Service, the customer must state the jurisdiction for each service ordered. When a Private Line Transport Service is used for both interstate and intrastate traffic, the jurisdiction will be determined as follows:
  - 1. If the customer's estimate of the interstate traffic on the service involved constitutes ten percent or less of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of this Catalog.
  - 2. If the customer's estimate of the interstate traffic on the service involved constitutes more than ten percent of the total traffic on that service, the service will be provided in accordance with the appropriate interstate rules and regulations specified in the F.C.C. No. 1 Tariff.

# NOTICE

THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.

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# 2. GENERAL REGULATIONS

# 2.3 **OBLIGATIONS OF THE CUSTOMER**

# 2.3.11 DETERMINATION OF JURISDICTION AND CHARGES FOR MIXED INTERSTATE AND INTRASTATE PRIVATE LINE TRANSPORT SERVICE (Cont'd)

B. If a customer's estimate of interstate traffic on an interstate service should change to ten percent or less, the service requires a change in jurisdiction and the customer must submit an order to change the jurisdiction of the service.

A change in jurisdiction is considered a service rearrangement and subject to the regulations set forth in 3.2.2.G.

C. If a customer's estimate of interstate traffic on an intrastate service should change to more than ten percent, the service requires a change in jurisdiction and the customer must submit an order to change the jurisdiction of the service.

A change in jurisdiction is considered a service rearrangement and subject to the regulations set forth in the F.C.C. No. 1 Tariff.

- D. When mixed interstate and intrastate Private Line Transport Service is provided, the jurisdiction of the service is determined in accordance with A. through C., preceding. If the Private Line Transport Service is determined to be an intrastate service, 100 percent of all appropriate charges of this Catalog will apply. If the Private Line Transport Service is determined to be an interstate service, 100 percent of the interstate charges, as specified in the F.C.C. No. 1 Tariff, will apply.
- E. For Private Line Transport Service, the Company will ask the customer to provide the data the customer uses to determine the projected interstate percentage, if a billing dispute arises or a regulatory commission questions the customer provided interstate percentage. The customer shall keep records of system design and functions from which the percentage of interstate and intrastate use can be ascertained, and upon request of the Company, make the records available for inspection as reasonably necessary for purposes of verification of the percentages.

# For Informational Purposes Only – Not Subject to WUTC Review

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# 2. GENERAL REGULATIONS

# 2.3 **OBLIGATIONS OF THE CUSTOMER**

# 2.3.11 DETERMINATION OF JURISDICTION AND CHARGES FOR MIXED INTERSTATE AND INTRASTATE PRIVATE LINE TRANSPORT SERVICE (Cont'd)

F. A Company audit request is intended to occur only in extreme circumstances, not as a matter of course, and only after the Company has given reason to the customer why such action is necessary. If the matter remains in controversy, the customer or the Company may seek Commission resolution.

# 2.3.12 OWNERSHIP OF FACILITIES

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

# 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

# 2.4.1 PAYMENT OF RATES, CHARGES AND DEPOSITS

- A. Payment of rates, charges and deposits will be administered as set forth in Chapter 480-120 of the Washington Administrative Code (WAC).
- B. When more than one copy of a customer bill for services provided under the provisions of this Catalog is furnished to the customer, an additional charge applies for each additional copy of the bill as set forth in 4.2.

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# 2. GENERAL REGULATIONS

### 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES (Cont'd)

### 2.4.2 **MINIMUM PERIODS**

- A. The minimum period for which services are provided and for which rates and charges are applicable is one month, unless otherwise specified in this Catalog or in specific service agreements.
- B. The minimum period for which service is provided and for which rates and charges are applicable, for a Custom Service provided on an individual case basis, is one month unless a different minimum period is established with the custom arrangement.
  - Where circumstances warrant, a customer subscribing to Private Line Transport may request, on an individual case basis, an Alternate Pricing Arrangement. The terms and conditions of such an arrangement will be determined by the Company at the time the request is made.
- C. When a service is discontinued prior to the expiration of the minimum period, charges are applicable, whether the service is used or not, as follows:
  - 1. When a service with a one month minimum period is discontinued prior to the expiration of the minimum, period, a one month charge will apply at the rate level in effect at the time service is discontinued.
  - 2. When a service with a minimum period greater than one month is discontinued prior to the expiration of the minimum period, the applicable charge will be the lesser of (1) the Company's total nonrecoverable costs less the net salvage value for the discontinued service or (2) the total monthly charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period.
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# 2. GENERAL REGULATIONS

# 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES (Cont'd)

### 2.4.3 ALLOWANCES FOR SERVICE INTERRUPTIONS

A. General

A service is interrupted when it becomes unusable to the customer because of a failure of facilities used to furnish service under this Catalog. An interruption period starts when an inoperative service is reported to the Company and ends when the service is operative.

B. When a Credit Allowance Applies

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

1. For Private Line Transport, except for Foreign Central Office, Exchange Service Extensions, Telephone Answering Service, Self-Healing Alternate Route Protection (SHARP) protected service and Self-Healing Network Service, no credit shall be allowed for an interruption of less than 4 hours. The customer shall be credited for an interruption of 4 hours or more at the rate of 1/180 of the monthly charges, except for Service Guarantee - Repair as specified in B.5., following, for the facility or service for each period of four hours or fraction thereof that the interruption continues.

The monthly charges used to determine the credit, including Service Guarantee - Repair as specified in B.5., following, shall be as follows:

- a. For two-point services, the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., two Network Access Channels and Channel Performances, two Channel Terminations, Transport Mileage and Optional Features and Functions).
- b. For multipoint services, the monthly charge shall be only the total of all the monthly rate element charges associated with that portion of the service that is inoperative (i.e., a Network Access Channel and Channel Performance per customer designated premises, Channel Termination, Transport Mileage and Optional Features and Functions).

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# 2. GENERAL REGULATIONS

# 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

2.4.3 ALLOWANCES FOR SERVICE INTERRUPTIONS

B.1. (Cont'd)

c. For 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 elements associated with the service (i.e., the Network Access Channel and Channel Performance, Channel Termination, Transport Mileage, and Optional Features and Functions, including the multiplexer on the facility to the hub, and the Network Access Channel, Channel Performance, Transport Mileage and Optional Features and Functions on the individual services from the hub). When the 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.

The credit allowance(s) for an interruption or for a series of interruptions shall not exceed the monthly rate for the service interrupted in any one monthly billing period. For the purpose of determining the allowance, every month is considered to have thirty days.

2. For Foreign Central Office, Exchange Service Extensions, and Telephone Answering Service, no credit shall be allowed for an interruption of less than twenty-four hours. The customer shall be credited for an interruption of twenty-four hours or more at the rate of 1/30 of (a) any applicable monthly rates, (b) the assumed minutes of use charge, or (c) the minimum monthly usage charge for each period of twenty-four hours or fraction thereof that the interruption continues. However, in no case is a credit allowance applicable when the actual usage charge exceeds the minimum monthly usage charge in any one month billing period.

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# 2. GENERAL REGULATIONS

# 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

- 2.4.3 ALLOWANCES FOR SERVICE INTERRUPTIONS
  - B. When a Credit Allowance Applies (Cont'd)
    - 3. For Private Line Transport Service Self-Healing Alternate Route Protection (SHARP), out of service credit will apply when the customer experiences a service interruption and the system fails to switch to the protected electronics and/or facilities within one second. The protected electronics and/or facilities are between the Company point of termination located on the customer premises and/or the Company Wire Center(s) associated with the SHARP option. Such credit will be based on information provided by the network surveillance system associated with SHARP. In the event of a service interruption, one month's billing credit of the protected service will be given. Such credit will apply to the Channel Termination and the SHARP rate element for SHARP protected service. Credit will be limited to a maximum of one month for an interruption or series of interruptions within that month.
    - 4. For Self-Healing Network Service (SHNS), out of service credit will apply as specified in 5.2.13.

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PRIVATE LINE TRANSPORT SERVICES Effective: December 1, 2007 SECTION 2 Original Sheet 16

# 2. GENERAL REGULATIONS

# 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

- 2.4.3 ALLOWANCES FOR SERVICE INTERRUPTIONS
  - B. When a Credit Allowance Applies (Cont'd)
    - 5. Service Guarantee Repair

The Company assures that all service interruptions for DS1 and DS3 Service, excluding Free-Frame DS1, will be restored within four (4) hours from the time the interruption was reported by the customer. Failure to meet this commitment will result in a credit allowance as set forth in b., following.

- a. In addition to B.1. through B.4., preceding, as applicable, the following regulations apply to Service Guarantee Repair:
  - 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 Catalog, or in the event that the protective controls applied by the Company result in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported and ends when the service is operative.
  - The interruption period is based on the start and stop time of the service interruption and excludes customer requested monitoring and other times when the service or customer's premises is not available for testing or repair of the service.
  - The credit allowance for an interruption or a series of interruptions shall not exceed any applicable monthly charges for the service interrupted in any one monthly billing period, as determined in B.1., preceding.

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# 2. GENERAL REGULATIONS

# 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

2.4.3 ALLOWANCES FOR SERVICE INTERRUPTIONS

B.5. (Cont'd)

b. Service Guarantee - Repair Credit

	USOC	CREDIT
<ul> <li>DS1 Service</li> <li>4 hours up to but not including 8 hours</li> <li>8 hours up to but not including 16 hours</li> <li>16 hours up to but not including 24 hours</li> <li>24 hours and over</li> </ul>	SG3BB SG3CB SG3DB SG3EB	\$ 60.00 70.00 80.00 100.00
<ul> <li>DS3 Service</li> <li>4 hours up to but not including 8 hours</li> <li>8 hours up to but not including 16 hours</li> <li>16 hours up to but not including 24 hours</li> <li>24 hours and over</li> </ul>	SG3BB SG3CB SG3DB SG3EB	500.00 700.00 800.00 1000.00

- C. No credit allowance will be made for:
  - 1. Interruptions caused by the negligence of the customer.
  - 2. Interruptions of a service due to the failure of equipment or systems provided by the customer or others.
  - 3. Interruptions of a service during any period in which the Company is not afforded access to the premises where the service is terminated.
  - 4. Interruptions of a service when the customer has released that service to the Company for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in the service during the time that was negotiated with the customer prior to the release of that service.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 18

# 2. GENERAL REGULATIONS

# 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

2.4.3 ALLOWANCES FOR SERVICE INTERRUPTIONS

- C. No credit allowance will be made for: (Cont'd)
  - 5. Interruptions 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 Special Construction Tariff, F.C.C. No. 2. The period for which no credit allowance is made begins on the seventh day after the customer receives the Company's written notification of the need for such replacement and ends on the day after receipt by the Company of the customer's written authorization for such replacement.
  - 6. Periods when the customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.
  - 7. An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.
  - 8. In addition to C.1. through C.7., preceding, as applicable, Service Guarantee Repair credit allowances do not apply to:
    - SHARP and Specialized Service and Arrangements.
    - Service interruptions due to natural disasters (e.g., tornado, earthquake, fire or flood) or work stoppage.
  - D. Use of an Alternate Service Provided by the Company

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

E. Temporary Surrender of a Service

In certain instances, the customer may be requested by the 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 thirty 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.

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# 2. GENERAL REGULATIONS

#### 2.4 **PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES (Cont'd)**

#### 2.4.4 **ORDERING, RATING AND BILLING OF PRIVATE LINE TRANSPORT SERVICES** WHERE MORE THAN ONE EXCHANGE COMPANY IS INVOLVED

The following terms and conditions apply to the End-Link or Mid-Link Application for the services offered in this Catalog. They also apply to the End-to-End Application for services provided to customers who are located in the territory of other Exchange Companies, whose tariffs are in accord with the following:

The Company will handle ordering, rating and billing of Private Line Transport under this Catalog where more than one Exchange Company is involved in the provision of the service as follows:

- A. Each Exchange Company will provide the portion of the Transport Mileage element in its operating territory and will bill the rates and charges in accordance with its appropriate tariff. All other appropriate rates and charges in each Exchange Company's tariffs are applicable.
- B. The rate for the Transport Mileage element for services provided as set forth in A. preceding is determined as follows:
  - 1. The appropriate Transport Mileage is determined by computing the airline mileage between each premises serving wire center using the V&H methods as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4.
  - 2. The billing percentages (BP) will be agreed upon by the Exchange Companies involved and are listed in the National Exchange Carrier Association Tariff F.C.C. No. 4.
  - 3. Using the fixed and per mile rates for the airline mileage determined in 1. preceding, multiply the rates by the Company's billing percentage to obtain the Transport Mileage element rates.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 2** Original Sheet 20

# 2. GENERAL REGULATIONS

### 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

# 2.4.4 ORDERING, RATING AND BILLING OF PRIVATE LINE TRANSPORT SERVICES WHERE MORE THAN ONE EXCHANGE COMPANY IS INVOLVED (Cont'd)

- C. When Private Line Transport service is provided jointly between the Company and another Exchange Company, the appropriate recurring rates and nonrecurring charges are applied as follows:
  - 1. The appropriate Private Line Transport Mileage fixed and per mile rates and nonrecurring charges are applied as specified in B.3 preceding.
  - 2. All other appropriate Private Line Transport recurring rate elements (e.g., Network Access Channel and Channel Performance) and their associated nonrecurring charges apply at 100 percent.
- D. When Private Line Transport service is provided jointly and the Company is the intermediate non-terminating carrier, only the recurring Transport Mileage-per mile rate applies. The rate is determined by multiplying the appropriate Transport Mileage-per mile rate by the billing percentage.
- E. When Private Line Transport service is provided jointly between the Company and another Exchange Company, or when the Company is the intermediate non-terminating carrier, the appropriate nonrecurring charges apply as set forth in Section 6 of this Catalog.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 21

# 2. GENERAL REGULATIONS

# 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES 2.4.4 ORDERING, RATING AND BILLING OF PRIVATE LINE TRANSPORT SERVICES WHERE MORE THAN ONE EXCHANGE COMPANY IS INVOLVED (Cont'd)

F. Example - Private Line Transport

The following diagram depicts a Private Line Transport Service between a Company Serving Wire Center and a customer premises served by another Exchange Company.

- a. Private Line Transport is ordered to a serving wire center which is in the operating territory of the Company.
- b. Premises of ordering customer is in operating territory of another Exchange Company.

# COMPANY OPERATING TERRITORY

OTHER EXCHANGE COMPANY (OEC) OPERATING TERRITORY

V & H COORDINATES

V & H COORDINATES

WCV = 6041WCH = 2565

# WCV = 5972WCH = 2554

# **Qwest Corporation**

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 2. GENERAL REGULATIONS

- 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES
- 2.4.4 ORDERING, RATING AND BILLING OF PRIVATE LINE TRANSPORT SERVICES WHERE MORE THAN ONE EXCHANGE COMPANY IS INVOLVED
  - F. Example Private Line Transport (Cont'd)
    - 2. Airline Mileages (Using National Exchange Carrier Association Tariff F.C.C. No. 4)
      - Company premises to OEC premises = 22.1, rounded = 23
    - 3. Transport Mileage[1]
      - Assume Company rates for Transport Mileage Band of over 8 to 25 miles are \$20.00 fixed and \$4.00 per mile.
      - Assume Company Billing Percentage (BP) is 57.
      - Calculation of Transport Rates[2]

Company TRANSPORT MILEAGE RATE =

23 X \$4.00 X 57% = \$52.44plus \$20.00 X 57\% = \$11.40\$63.84

4. The rates and charges for the Transport Mileage provided by another Exchange Company will be billed by the other Exchange Company, in accordance with its appropriate tariff.

- [1] Rates used in this example are used for demonstration purposes only.
- [2] The same calculation is performed to determine the appropriate Transport Mileage nonrecurring charge.

# **Qwest Corporation**

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SECTION 2 Original Sheet 23

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 2. GENERAL REGULATIONS

# 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

# 2.4.5 TERMINATION LIABILITY/WAIVER POLICY

All Private Line Transport Services provided via service agreements, are subject to the Termination Liability/Waiver Policy, unless otherwise specified.

A. Minimum Billing Level

When services are provided under a fixed-period service agreement, a Minimum Billing Level will be established for use in calculating discontinuance charges. The Minimum Billing Level is 100% of the total monthly rates for the service provided under the customer's service agreement, unless otherwise specified. Partial discontinuance of service will not decrease the Minimum Billing Level.

B. Minimum Service Period

When services are provided under a service agreement, a Minimum Service Period may be established. This would be the period of time that the 100% factor of the Termination Liability Charge would apply.

C. Complete Disconnect

If the customer chooses to completely discontinue contracted service, at any time during the term of the agreement, a termination charge will apply, unless the customer satisfies the conditions specified in the Waiver Policy. The termination charge is 100% of the rates for the Minimum Service Period, if applicable, plus the Minimum Billing Level multiplied by the termination liability percentage specified following, for the remaining term of the agreement.

Service	Termination Liability Percentage	
Analog PLTS, DDS, SVDS & DS1 Servic	es 40%	
DS3 and SHNS Services	70%	

- For example, if the customer discontinues service after 17 months of a 3-year (36 month) agreement, the termination charge will be the Minimum Billing Level for the service multiplied by the termination liability percentage, multiplied by 19 months.
- If the customer discontinues service after 6 months of a 3-year (36 month) agreement, with a 1-year (12 months) Minimum Service Period, the Termination Charge will be 100% of the Minimum Billing Level for the remaining 6 months of the Minimum Service Period, plus the Minimum Billing Level multiplied by the termination liability percentage, multiplied by 24 months.

### NOTICE

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 24

# 2. GENERAL REGULATIONS

# 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES 2.4.5 TERMINATION LIABILITY/WAIVER POLICY (Cont'd)

D. Partial Disconnect

If the customer discontinues a portion of their contracted service, and that causes the customer's monthly billing level to fall below the Minimum Billing Level of the agreement, a termination charge will apply to the portion of the service agreement that is below the Minimum Billing Level.

E. Waiver Policy

A termination charge will be waived when the customer discontinues their contracted service(s), provided all of the following conditions are met:

- the customer signs a new service agreement for any other Company provided service(s);
- both the existing and the new service(s) are provided solely by the Company;
- the order to discontinue the existing service(s) and the order to establish the new service(s) are received by the Company at the same time;
- the new service(s) installation must be completed within thirty calendar days of the disconnection of the old service(s), unless the installation delay is caused by the Company;
- the total value of the new service agreement(s), excluding any special construction charges and any other nonrecurring charges, is equal to or greater than 115% of the remaining value of the existing agreement(s);
- a new minimum service period goes into effect when the new service agreement term begins;
- the customer agrees to pay any previously billed, but unpaid recurring, and any outstanding nonrecurring charges. These charges cannot be included as part of the new service agreement;
- all applicable nonrecurring charges will be assessed for the new contracted service(s).

**Qwest Corporation** 

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 25

# 2. GENERAL REGULATIONS

# 2.5 CONNECTIONS

# 2.5.1 GENERAL

Equipment and Systems (i.e., terminal equipment, multiline terminating systems and communications systems) may be connected with Private Line Transport Services furnished by the Company where such connection is made in accordance with the provisions specified in the code of Federal Regulations, Title 47, Chapter 1, Federal Communications Commission, Part 68, Connection of Terminal Equipment to the Telephone Network.

# 2.6 **DEFINITIONS**

Certain terms used herein are defined as follows:

# Attenuation Distortion

Denotes the differences in loss at specific frequencies relative to the loss at 1004 Hz, unless otherwise specified.

# Audio Transmission

Denotes speech or music transmission by means of an Audio channel.

# Authorized User

Denotes a person, firm, or corporation who is authorized by the customer to be connected to the service of the customer. An authorized user must be specifically named in the application for service and a termination of the service must be located at the authorized user's premises.

### Automatic Ringdown

Denotes a two-point or multipoint channel with Company-provided signaling at a serving wire center. Either end of the channel can originate a seizure which will cause a 20 Hz ringing signal to be applied to the remote ends until answered. The customer must identify primary and remote stations.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 2. GENERAL REGULATIONS

# 2.6 **DEFINITIONS (Cont'd)**

# Base Rate Area

Denotes that portion of the exchange area surrounding and including the serving wire center within which urban classes of local service are offered at rates that do not vary with the distance from the serving wire center or exchange rate center.

# Baud

Denotes a unit of signaling speed. It is the reciprocal of the time duration in seconds of the shortest signal element (mark or space) within a code signal. The rates specified are the number of signal elements per second.

# Bit (Binary Digit)

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

# **Bridging**

Denotes the process of connecting three or more customer locations.

# **Business Day**

Denotes the times of day that a company is open for business. Generally, in the business community, these are 8:00 a.m. to 5:00 p.m. with an hour for lunch, Monday through Friday, resulting in a standard forty hour work week. However, business hours of the Company may vary based on Company policy, union contract and location.

# Carrier or Common Carrier

See "Interexchange Carrier".

# Central Office (CO)

Denotes a local switching unit providing local telephone service to customers within an exchange or wire center serving area. More than one Central Office may be located in the same wire center.

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# 2. GENERAL REGULATIONS

#### 2.6 **DEFINITIONS (Cont'd)**

# Central Office Prefix

Denotes the first three digits (NXX) of the seven digit telephone number assigned to a customer's Telephone Exchange Service when dialed on a local basis.

Channel(s)

Denotes the individual segment(s) of a circuit.

# **Channel Performance**

Denotes establishing or enhancing the performance characteristics of a channel.

# Channel Service Unit (CSU)

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 errors, and remote loop back.

# Circuit

Denotes facilities and/or equipment necessary to provide a specific service.

# Class of Service

Denotes a subgrouping of customers typically for the purpose of rate distinctions.

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# 2. GENERAL REGULATIONS

#### 2.6 **DEFINITIONS (Cont'd)**

### Common Line

Denotes a line, trunk, pay telephone line or other facility provided under the Exchange and Network Services Catalog of the Company terminated on a central office switch. A common line-residence or business is a line or trunk provided under the regulations of the Exchange and Network Services Catalog.

### **Communication System**

Denotes channels and other facilities which are capable of communications between terminal equipment provided by other than the Company.

### Conditioning

Denotes an enhancement to the transmission performance of a Voice Grade circuit. Performance(s) affected are attenuation distortion, envelope delay, distortion and noise.

### **Contact Closure**

Denotes the low resistance short provided by a pair of electrical contacts which indicate a change in signaling states on a circuit.

### **Continuous Property**

Property occupied by a customer that may be served without crossing a public street, right-of-way or the property of another. Noncontinuous property is treated as continuous if the customer furnishes a passageway which is suitable to the Company for the placing of wire facilities. Pipes and conduit are considered enclosed passageways.

### Contract

Denotes the service agreement between a customer and the Company under which facilities for communication between specified locations, for designated periods, and for the use of the customer and the authorized users specifically named in the contract are furnished in accordance with the provision of this Catalog.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 29

# 2. GENERAL REGULATIONS

# **2.6 DEFINITIONS (Cont'd)**

### Customer(s)

Denotes any individual, partnership, association, joint-stock company, trust, corporation, governmental entity or any other entity which subscribes to the services offered under this Catalog, including both Interexchange Carriers (IC) and/or End Users.

# **Demarcation Point**

The point of interconnection between the Company's regulated telecommunications facilities and terminal equipment, protective apparatus or wiring at a premises.

### Design Layout Report (DLR)

Denotes a document which describes the circuit provided by the Company and matches the service ordered by the customer.

### Duplex

Denotes service which provides for simultaneous transmission in both directions.

### E&M Signaling Arrangements

Denotes a method of transmitting signaling between switching equipment.

### Echo Control

Denotes the control of reflected electrical energy in a telephone transmission path.

### Echo Return Loss

Denotes a frequency weighted measurement of return loss over the middle of the voice band (approximately 500 to 2500 Hz), where talker echo is most annoying.

### Effective Two-Wire

Denotes an arrangement which simulates a two-wire transmission path.

### NOTICE THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 30

# 2. GENERAL REGULATIONS

# **2.6 DEFINITIONS (Cont'd)**

# Effective Four-Wire

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

### End-Link or Mid-Link

One end of a two-point (end-link) or multipoint (mid-link) circuit that is transported interLATA.

### 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.

### End to End

A circuit that is transported from a customer's premises to other premises location(s) within the LATA.

### End User

Denotes any customer that is not a carrier, except that a carrier shall be deemed to be an "End User" to the extent that such carrier uses a telecommunications service for administrative purposes, without making such service available to others, directly or indirectly.

# Envelope Delay Distortion

Denotes the nonlinearity of the phase versus frequency of a channel.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 31

# 2. GENERAL REGULATIONS

# 2.6 **DEFINITIONS (Cont'd)**

# Equal Level Echo Path Loss (ELEPL)

Denotes the measure of Echo Path Loss (EPL) at a four-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP). [ELEPL = EPL - TLP (send) + TLP (receive)]

### Equalization

In the transport of signals through the Network the loss at one frequency will differ from that at another frequency. Equalization is a method to electronically control the losses, in relation to a reference frequency, to predefined limits.

### Exchange

Denotes a unit establishment for the administration of communication service in a specified area which usually embraces a city, town, or village and its environs. It consists of one or more wire centers together with the associated facilities used in furnishing communication service within the area.

# Exchange Area

Denotes the territory served by an exchange.

# Exchange Carrier

Denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in intraLATA intrastate communication by wire, radio, fiber optics or any suitable technology or a combination thereof, between two or more exchanges.

### Field Identifier (FID)

Denotes two to four characteristics 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 Company billing systems to generate nonrecurring charges.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 32

# 2. GENERAL REGULATIONS

# **2.6 DEFINITIONS (Cont'd)**

# First Come, First Served

Denotes a procedure followed when the first order received will be the first order processed.

### **Frequency Shift**

Denotes the change in the frequency of a tone as it is transmitted over a channel.

### Grandfathered

Denotes certain services offered in this Catalog that are provided to existing customers only and not provided to new customers or to existing customers who move from one premises to another.

### Half Duplex

Denotes service which provides for transmission in both directions, but in only one direction at a time.

# Hertz (Hz)

A unit of frequency equal to one cycle per second.

### Host Office

Denotes an electronic switching system which provides call processing capabilities for one or more Remote Switching Modules or Remote Switching Systems.

# <u>Hub</u>

A hub is a Company designated wire center at which bridging, multiplexing or other functions are performed.

# 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.

### NOTICE

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 33

# 2. GENERAL REGULATIONS

# 2.6 **DEFINITIONS (Cont'd)**

### Impulse Noise

Denotes any momentary occurrence of the noise on a channel over a specified level threshold. It is evaluated by counting the number of occurrences which exceed the specified threshold.

### Individual Case Basis (ICB)

Denotes a condition in which the regulations and, if applicable, rates and charges for an offering under the provisions of this Catalog are developed based on the circumstances in each case.

### Interexchange Carrier (IC) or Interexchange Common Carrier

Denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in intrastate communication between two or more exchanges.

# 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).

### Interstate Communications

Denotes both interstate and foreign communications.

### IntraLATA Service

Service connecting stations wholly within one LATA.

### 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.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 34

# 2. GENERAL REGULATIONS

# **2.6 DEFINITIONS (Cont'd)**

# Local Access and Transport Area (LATA)

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.

### Loop Signaling

Loop signaling uses a DC path or loop, to convey address and supervisory signaling information. Various signaling systems using this process include reverse-battery, loop-start and ground-start.

### Maintenance of Service Charge

Denotes a charge that occurs for a visit to a customer's premises in connection with a service difficulty, when it is determined that the difficulty is due to a condition in customer-provided facilities, terminal equipment, a communications system or for customer-maintained premises wire.

# 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 Private Line Transport period of one hour, a major fraction thereof would be any period of time in excess of 30 minutes exactly. Therefore, if a given service is interrupted for a period of two hours and thirty-five minutes, the customer would be given a credit allowance for three hours.

### McCulloh Loop Signaling

Denotes a signaling format which provides a contact closure to the tip and ring of the DP during the normal state. During an alarm state a momentary open is provided. During the signaling state a series of grounded pulses are applied to the DP for termination and identification purposes.

### Mid User-DP

The network interface between the Company facility and the remainder of an overall circuit which extends beyond the LATA, is referred to as the Mid User-DP.

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# 2. GENERAL REGULATIONS

#### 2.6 **DEFINITIONS (Cont'd)**

# Modification of Final Judgment (MFJ)

Denotes the consent decree approved by the U.S. District Court in United States versus Western Electric 552 F. Supp. 171 (To D.C. 1982).

Move

Denotes a change in the physical location of one of the following:

- The DP at the customer's designated premises.
- The customer's premises.

# Network Access Channel

Denotes the transmission path between a customer designated premises and the serving wire center of the premises.

### Noncontinuous Property

Denotes land, including the building or buildings thereon, which is divided by rights of way or land used publicly or privately by others, i.e., city streets, state highways or roads, or private property.

### Nonrecurring Charge

Denotes those charges which are one time charges to the customer, i.e., not monthly charges.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 2. GENERAL REGULATIONS

# **2.6 DEFINITIONS (Cont'd)**

# <u>Premises</u>

The space occupied by a customer or authorized user, whether residential or commercial, in a single building or in connecting buildings on continuous property. The space may be a dwelling unit, other building or a legal unit of real property such as a lot on which a dwelling unit is located subject to the local Company's reasonable and nondiscriminatory standard operating practices.

# Premises Work Charge

Denotes Work Charges (Time and Material Charges) for work performed on the customer's side of the Network Interface by a Company employee or representative, at the customer's request, which are not covered by other charges.

# Private Branch Exchange (PBX)

Denotes equipment installed on a customer's premises that functions as a switch, permitting the customer to receive incoming calls, to dial any other station on the premises, to access a tie trunk leading to another PBX or to access an outside trunk to the public switched network as used in connection with Private Line Transport.

# Private Line Transport

The channels, channel arrangements and facilities furnished to a customer without intermediate switching arrangements.

# **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.

# 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.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 37

# 2. GENERAL REGULATIONS

# **2.6 DEFINITIONS (Cont'd)**

### Return Loss

Denotes a measure of the similarity between the two impedances at the junction of two transmission paths. The higher the return loss, the higher the similarity.

### Same Building

Denotes a structure that houses the customer. Separate buildings are treated as one building if the customer furnishes and maintains adjoining passageways which are suitable to the Company for the placing of facilities. Pipes and conduit are considered enclosed passageways.

### Serving Wire Center

Denotes the Company office from which dial tone for local exchange service would normally be provided to the customer's premises.

### Shortage of Facilities or Equipment

Denotes a condition which occurs when the Company does not have appropriate cable, bridging or multiplexing equipment, etc., necessary to provide the service requested by the customer.

### Signaling

Denotes the process of passing information, identifying the called subscriber or addressee and for supervising and controlling the connection once it has been established.

### Singing Return Loss

Denotes the frequency weighed measure of return loss at the edges of the Voice Grade (200 to 500 Hz and 2500 to 3200 Hz), where singing (instability) problems are most likely to occur.

### Standard Network Interface (SNI)

The network interface shall be located on the customer's side of the Company's protector, or the equivalent thereof in cases where a protector is not employed, at the Demarcation Point, as provided under the Company's reasonable and nondiscriminatory standard operating practices. Any device utilized as an SNI must comply with F.C.C. Part 68 guidelines.

### NOTICE

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**Qwest Corporation** 

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 38

# 2. GENERAL REGULATIONS

# **2.6 DEFINITIONS (Cont'd)**

### <u>Studio</u>

Denotes the term as used in connection with Audio Service to indicate the fixed premises of a customer at which (1) program material regularly originates or (2) program material is received for transmission and at which location amplifierdistributor equipment is provided by the customer. The term Studio also indicates premises at which personnel of the customer are present, or in lieu of personnel, the customer provides supervision and control equipment.

### Termination Liability

Denotes a specified financial obligation assumed by the customer, to protect the Company's nonrecoverable investment over a specified period of time. The maximum amount of liability is reduced each month during the life of the agreement, and is billed to the customer only if the agreement is terminated or modified.

### Transmission Path

Denotes a 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.

### Transport Mileage

Denotes that portion of a Private Line Transport which connects two wire centers.

# <u>Trunk</u>

Denotes a communications path common to numerous users.

# Trunk Group

Denotes a set of trunks which function as a unit for the establishment of connections between switching systems in which all of the communications paths are identical.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 2 Original Sheet 39

# 2. GENERAL REGULATIONS

# 2.6 **DEFINITIONS (Cont'd)**

# Uniform Service Order Code (USOC)

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

# V and H Coordinates Method

Denotes a method of computing airline miles between two points by utilizing an established formula using the vertical (V) and horizontal (H) coordinates of the two points.

# WATS Serving Office

Denotes a Company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS service.

# Wire Center

Denotes a building in which one or more central offices, used for the provision of communications services, are located. Also referred to as "Serving Wire Center".

Washington

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 3 Original Index Sheet 1

# **3. RATE TERMS AND CONDITIONS**

#### SUBJECT SHEET Billable Administrative Changes ..... 5 3 Channel Performance..... Competitive Response ..... 13 Custom Service Arrangement 11 1 General..... Mileage Measurement..... 12 Minimum Billing Period and Fractional Rates and Charges ..... 12 Monthly Rates 1 Moves..... 6 Nonbillable Administrative Changes 5 1 Nonrecurring Charges Optional Features and Functions ..... 3 Reestablishment of Service Following Fire, Flood or Other 7 Occurrence ..... 8 Rollover..... Service Guarantee - Provisioning ..... 10 Service Provisioning ..... 2 Service Rearrangements..... 4 3 Transport Mileage..... Types of Rates and Charges..... 1

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 3** Original Sheet 1

# **3. RATE TERMS AND CONDITIONS**

# 3.1 GENERAL

This Section contains specific regulations governing the rates and charges for Private Line Transport Services. In addition, Digital Data Service (DDS), DS1 and DS3 Service, Command A Link and Self-Healing Network Service (SHNS) have regulations governing rates and charges that are different than and/or in addition to those specified following.

# **3.2** Types OF Rates And Charges

There are three types of rates and charges. These are monthly rates, nonrecurring charges and individual case basis charges for specifically designed services as described in 3.2.3, following.

# **3.2.1** MONTHLY RATES

Monthly rates are flat recurring rates that apply each month or fraction thereof that Private Line Transport Services are provided. For billing purposes, each month is considered to have 30 days.

# **3.2.2** NONRECURRING CHARGES

Nonrecurring charges are onetime charges that apply for a specific work activity. The type of nonrecurring charges that apply for Private Line Transport Services are: Service Provisioning charge (initial and subsequent or Same Wire Center), Transport Mileage, Channel Performance, Optional Features and Functions and service rearrangements. Special Construction charges as defined in 4.1.6, following, may apply. Customers, who order service under the contract basis as defined in 3.2.3, following, may incur additional nonrecurring charges as identified in each individual contract.

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 3** Original Sheet 2

# **3. RATE TERMS AND CONDITIONS**

# **3.2** Types OF Rates And Charges

# **3.2.2** NONRECURRING CHARGES (Cont'd)

A. Initial Service Provisioning

The Initial Service Provisioning Charge applies toward the processing, engineering, and design functions per customer request, for work to be performed on one circuit or service. Requests for additional work to be performed on existing circuit(s) or service(s) will also be billed an Initial Service Provisioning Charge.

B. Subsequent Service Provisioning

The Subsequent Service Provisioning Charge applies per circuit(s) or service(s) when:

- 1. At the same time as the initial circuit or service is requested, a customer orders identical additional circuit(s) or service(s), due the same date, for the same type of service and exact NC/NCI combinations, at the same location(s).
- 2. At the same time as a request for additional work on an existing circuit or service, a customer requests the same additional work to be performed on identical existing circuit(s) or service(s), due the same date, for the same type of service and exact NC/NCI combinations, at the same location(s).
- C. Same Wire Center Service Provisioning Initial and Subsequent

The same Wire Center Service Provisioning Charge applies toward the order processing and work to be performed, on each circuit(s) or service(s), when provisioned within the same wire center. This charge applies only to the following services: Exchange Service Extensions and Telephone Answering Service.

When these services are provisioned on a different wire center basis, the Initial Service Provisioning and/or Subsequent Service Provisioning Charges apply.

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 3** Original Sheet 3

# **3. RATE TERMS AND CONDITIONS**

# **3.2** Types OF Rates And Charges

# **3.2.2** NONRECURRING CHARGES (Cont'd)

D. Channel Performance[1]

A nonrecurring charge applies for the installation of each Channel Performance and includes its predefined technical specifications and the facilities from the customer designated premises to the serving wire center.

E. Transport Mileage

A nonrecurring charge applies for the installation of Transport Mileage which provides the transmission facilities between wire centers.

F. Optional Features and Functions

Nonrecurring charges apply for the installation of some of the Optional Features and Functions available with Private Line Transport. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of the service, unless otherwise specified.

[1] Not applicable on DDS, DS1 and DS3 Service.

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 3** Original Sheet 4

# **3. RATE TERMS AND CONDITIONS**

# **3.2** Types OF Rates And Charges

# **3.2.2** NONRECURRING CHARGES (Cont'd)

G. Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum billing period requirements as set forth in 2.4.2, preceding, or a change in the physical location of the Network Access Channel at a customer designated premises. The charge to the customer for service arrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service. Changes which result in the establishment of new minimum billing period obligations are treated as disconnects and new connects. Changes in the physical location of the Network Access Channel are treated as moves and are described and charged for as set forth in J., following.

Service rearrangements will be charged for as follows and the appropriate Service Provisioning charge will apply in addition:

- If the change involves the addition of another leg to an existing service, the nonrecurring charge for the Channel Performance will apply. The charge will apply only for the leg that is being added.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of Channel Performance on a service, the Channel Performance nonrecurring charge will apply.
- If the change involves the changing of the type of service (e.g., a change from VG2 to VG3), it will be treated as a discontinuance of the existing service and the installation of a new service.
- If the change involves changing jurisdiction from interstate to intrastate on End-Link or Mid-Link services, all nonrecurring charges will apply. This change will be treated as a discontinuance of the existing service and the installation of a new service.
- For all other changes, including the addition of optional features and functions without separate nonrecurring charges, a charge equal to the Channel Performance nonrecurring charge associated with the facility, will apply.

If the change involves reterminating an existing Voice Grade Service or Simultaneous Voice Data Service Network Access Channel onto a spare channel of a higher capacity service, only the Rollover nonrecurring charge, as specified in 3.2.2.L., following, will apply.

### NOTICE

THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 3** Original Sheet 5

# 3. RATE TERMS AND CONDITIONS

# **3.2** Types OF Rates And Charges

# **3.2.2** NONRECURRING CHARGES (Cont'd)

H. Billable Administrative Changes

Some administrative changes are billable items to the customer. A Billable Administrative Charge will apply to the following, when requested by the customer.

- Change of customer circuit identification (circuit reference)
- Change of bill account number
- Supersedure: When a customer wishes to assume responsibility for a service which is already installed for another customer without any changes in the service, provided they meet the criteria established for a new customer.

A Billable Administrative Charge applies per service order.

	USOC	Nonrecurring Charge
• Billable Administrative Charge	ORC	\$48.00

I. Nonbillable Administrative Changes

Some administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Private Line Transport to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the Private Line Transport).

Nonbillable Administrative Changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name--e.g., XYZ Company to XYZ Communications),
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of facilities,
- Change in billing data (name, address, or contact name or telephone number),
- Change of customer contact name or telephone number.

### NOTICE

THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 3** Original Sheet 6

# **3. RATE TERMS AND CONDITIONS**

# **3.2** Types OF Rates And Charges

# **3.2.2** NONRECURRING CHARGES (Cont'd)

J. Moves

A move involves a change in the physical location of one of the following:

- The Demarcation Point at the customer's designated premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

1. Moves Within The Same Building or Between Buildings on the Same Premises.

When the move is to a new location within the same premises or between buildings on the same premises, the move is the responsibility of the customer. There will be no change in the minimum billing period requirements.

2. Moves To a Different Building

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

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# **3. RATE TERMS AND CONDITIONS**

# **3.2** Types OF Rates And Charges

# **3.2.2** NONRECURRING CHARGES (Cont'd)

- K. 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 sixty days after Company service is available. (The sixty day period may be extended a reasonable period if the renovation of the original location on the premises affected is not practical within the allotted 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.

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# **3. RATE TERMS AND CONDITIONS**

# **3.2** Types OF Rates And Charges

# **3.2.2** NONRECURRING CHARGES (Cont'd)

# L. Rollover

1. A rollover allows for a lower speed service (i.e., Voice Grade Service, Digital Data Service, Simultaneous Voice Data Service or DS1 Service), to be either placed onto a higher speed service, or moved from one higher speed service to a different higher speed service or moved to a different channel on the same multiplexed service.

Should the customer request to have work performed which involves the change of an:

- Existing Voice Grade Service (i.e., Standard or WATS) onto a multiplexed DS1 Service, or
- Existing Digital Data Service onto a multiplexed DS1 Service, or
- Existing Simultaneous Voice Data Service onto a multiplexed DS1 Service, or
- Existing DS1 Service onto a multiplexed DS3 Service

and all of the following conditions are met, a rollover charge will apply to the lower speed service as specified in 2., following:

- The services are provided between the same customer locations as the original service(s), and
- All rollovers are performed at the same Company Central Office location, and
- All services involved in the rollover are provided by the Company.
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#### 3. RATE TERMS AND CONDITIONS

### 3.2 Types OF Rates And Charges

### **3.2.2** NONRECURRING CHARGES

L. Rollover (Cont'd)

2. Rollover Charges

		USOC	Nonrecurring Charge
•	Rollover of existing Voice Grade Service onto a multiplexed DS1 Service, per service termination affected for either a two-wire or four-wire service		
	- Standard Voice/WATS	NR6RA	\$193.00
•	Rollover of existing Digital Data Service onto a multiplexed DS1 Service, per service termination affected		
	- 2.4, 4.8, 9.6, 19.2, 56, 64 kbit/s	NR6RB	219.00
•	Rollover of existing Simultaneous Voice Data Service onto a multiplexed DS1 Service, per service termination affected		
	- 2.4, 4.8, 9.6, 19.2 kbit/s	NR6RS	219.00
•	Rollover of existing DS1 Service onto a multiplexed DS3 Service, per DS1 Service termination affected	NR6RC	325.00

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 3** Original Sheet 10

#### **3. RATE TERMS AND CONDITIONS**

#### **3.2** Types OF Rates And Charges

- **3.2.2** NONRECURRING CHARGES (Cont'd)
- M. Service Guarantee Provisioning

The Company assures that all provisioning requests for DDS, DS1 and DS3 Service will be installed on the customer requested service date (due date) providing it is equal to or greater than the standard intervals published in the Service Interval Guide. If the Company fails to meet this commitment, the customer's bill will be adjusted to reflect a Service Guarantee credit of 100% of the total nonrecurring charges for the service. Service Guarantee applies to provisioning orders with an application date on or after the effective date of this Catalog revision for DDS, DS1 and DS3 Services which add, move, or change the Network Access Channel(s) or Channel Termination(s), Transport Mileage, Channel Performance, and Optional Features and Functions, including service rearrangements. There is no additional charge for this guarantee. To be eligible for the Service Guarantee credit, the following conditions must be met.

- 1. The Service Guarantee Provisioning conditions include:
  - Service requests for DDS, DS1 and DS3 Services, excluding Free-Frame DS1. This is limited to the nonrecurring charges for Channel Terminations, Channel Performance, Transport Mileage, Optional Features and Functions and the Service Provisioning Charge, if applicable.
  - The services must be provided wholly within Company territories.
- 2. The Service Guarantee credit does not apply:
  - To Service Date Changes or Design Changes due to customer reasons,
  - To requests for Expedites, Cancellations, Additional Engineering, Additional Labor, Design Layout Report (DLR), Power Protection, Special Facilities Routing, Testing and any other Miscellaneous Changes specified in Section 4, preceding,
  - During natural disasters or a declared national emergency, or where Priority Installation of Telecommunications Service Priority will take precedence.
  - To Special Construction.
  - To Free-Frame DS1 Service.

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#### **3. RATE TERMS AND CONDITIONS**

#### **3.2** Types OF RATES AND CHARGES (Cont'd)

#### **3.2.3 CUSTOM SERVICE ARRANGEMENT**

If the standard service offerings or available Optional Features and Functions are not adequate to meet a specific customer requirement, the customer may request and the Company may develop a unique customized package where facilities and operating conditions permit. Both the monthly rate and the nonrecurring charges for the features will be developed on an individual case basis reflecting the costs to provide the service requested. Any contract will be subject to the requirements of the Washington Administrative Code. The charges for all other rate categories as described in 5.1.2, following, will apply for the type of channel service requested. Special Construction Charges as defined in 4.1.6, following, may also apply.

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#### 3. RATE TERMS AND CONDITIONS

#### 3.3 MINIMUM BILLING PERIOD AND FRACTIONAL RATES AND CHARGES

- A. Rates for service offered under this Catalog are for a minimum billing period of one month or the length of time specified in a Custom Service Arrangement or in specific service agreements.
- B. When the minimum billing period has been met, charges for a fraction of a month will be the monthly rate, prorated for the actual number of days service is furnished. For this purpose every month is considered to have thirty days.
- C. Fractions of a cent are carried throughout the computation of the charge. When the computed charge includes a fraction of a cent;
  - One-half cent or more is treated as one cent;
  - Less than one-half cent is disregarded.
- D. The rates for service installed or changes in service which involve a change in rates will become effective on the day the service is installed or changed.

#### **3.4** MILEAGE MEASUREMENT

The mileage to be used to determine the monthly rate for the Transport Mileage is calculated using the airline distance between the locations involved, i.e., the Serving Wire Centers associated with two customer designated premises, a Serving Wire Center associated with a customer designated premises and a Company hub, or two Company hubs. The Serving Wire Center associated with a customer designated premises is the Serving Wire Center from which the customer designated premises would normally obtain dial tone.

Transport Mileage is shown in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V & H coordinates method, as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION Tariff F.C.C. No. 4, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rate.

When bridging locations are involved, mileage is computed and rates applied separately for each section of the Transport Mileage. When any service is routed through a wire center for purposes other than customer specified bridging (e.g., the Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

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#### 3. RATE TERMS AND CONDITIONS

#### **3.5 RESERVED FOR FUTURE USE**

#### **3.6 COMPETITIVE RESPONSE**

#### A. Description

The Customer Incentive Program is an offering for potential new business and to existing business customers to induce the retention or continuation of existing services by those customers.

- B. Terms and Conditions
  - 1. This competitive response offering may be offered to potential new Qwest business customers. In addition, the Company may provide a retention benefit to any existing business customer who has retained a service for some period of time.
  - 2. For potential new business customers, the Company will condition its offers upon a business customer remaining with the Company for a minimum of one year. Any minimum period of time shall be identified to the business customer as part of the offer. In such cases, if the customer terminates service early, they will be billed all of the nonrecurring charge(s) and monthly rate(s) waived under this program.
  - 3. The recipients of the customer incentive offer and the amount of the customer incentive offer shall be in the sole discretion of the Company, but the value of the retention benefit may not exceed the sum of C.1., following.
  - 4. The Company shall determine the particular details, including but not limited to periods and duration, class of customers, services, amounts, and geographic area, so long as each such offer to a particular business customer is not inconsistent with the provisions of this Catalog and the amount does not exceed the maximum amount set forth in C.1., following. The Company may prohibit use of this program in conjunction with another offer being marketed by the Company and/or a Company affiliate.

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#### **3. RATE TERMS AND CONDITIONS**

#### **3.6 COMPETITIVE RESPONSE**

- B. Terms and Conditions(Cont'd)
  - 5. Offers may differ based on reasonable criteria, including the following criteria or combinations of criteria below:
    - a. The sales channel through which the products are sold.
  - b. A specific geographic area.
  - c. Existing customers who request to have one or more products disconnected.
  - d. Customers who identify a better competitive offer available to them. Qwest representatives may present to these customers multiple offers up to the maximum value under this Catalog.
  - e. Such other facts, criteria, and circumstances as the Company believes are a reasonable basis upon which to distinguish among groups of customers.
  - f. The Company reserves the right to discontinue this offer.
  - g. The Company shall use reasonable business efforts so that similarly situated customers are offered similar incentives in similar circumstances.

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 3** Original Sheet 15

#### **3. RATE TERMS AND CONDITIONS**

#### **3.6 COMPETITIVE RESPONSE (Cont'd)**

- C. Rates and Charges
  - 1. Customers may be offered one of the following, or the equivalent monetary value, on selected products as determined by the Company:
  - a. A waiver of an amount up to 100% of the current business nonrecurring charge(s), or
  - b. A waiver of up to two months of the recurring rate(s), or
  - c. A waiver of an amount up to 100% of the current business nonrecurring charge(s) and up to two months of the recurring rate(s).
  - 2. The waiver(s) will appear in the form of a credit(s) on the customer's bill. The waiver may be one-time, or spread over a period of up to 12 months in a fashion determined by the Company.
  - 3. Waiver amounts are calculated on the first month's nonrecurring charge(s) and monthly rate(s). The total waived amount will not exceed the value of the total nonrecurring charge(s) plus two months service of the monthly rate(s).
  - 4. In all cases, resellers who use the Customer Incentive Program shall be provided the maximum monetary equivalent of the program as allowed by this Catalog and can distribute that value to their end user customers in any manner that they choose. Further, resellers are not required to match the Company's program offers or timing in order to take advantage of the program, and no further wholesale discount is provided to the maximum monetary equivalent. Resellers shall be provided monetary equivalents and they shall not be provided merchandise, coupon offers, or the like.

# **Qwest Corporation**

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

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#### NOTICE THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.

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**SECTION 4** Original Sheet 1

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

The customer may request a modification of an order at any time prior to notification by the Company that service is available for the customer's use. The 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 Company will notify the customer. If the customer still desires the order modification, the Company will schedule a new service date. All charges for order modifications will apply on a per-occurrence basis.

Any increase in the number of Private Line Transport Service channels will be treated as a new order (for the increased amount only). These order modifications do not apply to services not requiring a circuit provisioning design.

The types of order modifications available are delineated in the following paragraphs.

#### 4.1.1 SERVICE DATE CHANGE

Service dates for the installation of new services or rearrangements of existing services may be changed, but the new service date may not exceed the original service date by more than 30 business days. When, for any reason, the customer wishes to change the service date, the customer should notify the Company before the original service date, to request a different service date. If the customer requested service date is more than 30 business days after the original service date, the order will be cancelled by the Company and reissued with the appropriate cancellation charges applied, unless the customer indicates that billing for the service is to commence, as specified in 4.1.3.A., following. In such instances, the date billing is to commence shall be the 31st business day beyond the original service date to request a different service date may result in the application of a Dispatch Charge as set forth in 4.1.20, following.

A new service date may be established that is prior to the original service date if the 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, at the customer's request, the customer will be notified by the Company that Expedited Order Charges as set forth in 4.1.4, following, will apply.

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PRIVATE LINE TRANSPORT SERVICES Effective: December 1, 2007 **SECTION 4** Original Sheet 2

#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

4.1 GENERAL (Cont'd)

#### 4.1.2 **DESIGN CHANGE CHARGE**

The customer may request a design change to the service ordered. A design change is any change to an order which requires engineering review. An engineering review, is a review by Company personnel, of the service ordered and the requested changes to determine what change in the design, if any, is necessary to meet the changes requested by the customer. Design changes include such things as the addition or deletion of optional features or functions or a change in the type of channel interface, or technical specification package. Design changes do not include a change of customer premises, or Private Line Transport 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.

The Company will review the requested change, notify the customer whether the change is a design change, if it can be accommodated and if a new service date is required. If the customer authorizes the Company to proceed with the design change, a Design Change Charge will apply. The Design Change Charge will apply on a per order per occurrence basis for each order. If a change of service date is required, the Dispatch Charge as set forth in 4.1.20, may also apply.

	USOC	Nonrecurring Charge
• Design Change, per Order	H28	\$133.00

**Qwest Corporation** 

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 4** Original Sheet 3

#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL (Cont'd)

#### 4.1.3 CANCELLATION OF APPLICATION FOR SERVICE

- A. A customer may cancel an order for the installation of service at any time prior to notification by the Company that service is available for the customer's use. The cancellation date is the date the Company receives written or verbal notice from the customer that the order is to be canceled. The verbal notice must be followed by written confirmation within ten (10) days. If a customer or a customer's end user is unable to accept service within 30 business days after the original service date, the customer has the choice of the following options:
  - The order shall be canceled and charges as set forth in B., following, will apply, or
  - The service will be activated, at the customer's request, and billing for the service will commence.

In such instances, the cancellation date or the date billing is to commence (depending on which option is selected by the customer), shall be the 31st business day beyond the original service date of the order.

B. Certain Critical Dates as specified in C., following, are used by the Company to monitor the service order provisioning process. Cancellation charges are based on the estimated costs incurred by the Company at the time the order is canceled. The Company monitors which Critical Date was last scheduled and determines what percentage of the Company's provisioning costs have been incurred as of that Critical Date. A list of Critical Dates and the number of days between each date is found in the Service Interval Guide.

Costs incurred in conjunction with the provision of Private Line Transport Service start on the Application Date as defined in C., following. When a customer cancels an order prior to the Application Date, no charges shall apply. When a customer cancels an order, or part of an order, on or after the Application Date, a charge equal to the estimated costs incurred by the Company shall apply. Such charge is determined as specified in D. and E., following. When a customer cancels an order or part of an order, on or after the original Service Date, the Cancellation Charge will apply as set forth in D., and E., following.

#### **Qwest Corporation**

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 4** Original Sheet 4

#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

#### 4.1.3 CANCELLATION OF APPLICATION FOR SERVICE (Cont'd)

- C. The Critical Dates monitored by the Company for the purpose of calculating a Cancellation Charge are as follows:
  - Application Date (APP): The date the customer provides a firm commitment and sufficient information to the Company for order placement. The APP Date is the date the Company enters the order into the Company's order distribution system(s). This is sometimes referred to as the order date.
  - Design Layout Report Date (DLRD): The date the Design Layout Report which contains the design for the service(s) ordered is forwarded to the customer.
  - Plant Test Date (PTD): The date acceptance testing is performed with the customer.
  - Service Date (DD): The date the service is due to be made available to the customer. This is sometimes referred to as the Due Date.
- D. The percentage of the total provisioning cost incurred by the Company at a particular Critical Date varies by the type of service as shown in E., following.

When a customer cancels an order, or part of an order, before the Service Date, the Company will calculate the Cancellation Charge by multiplying all the nonrecurring charges associated with the order, or that part of the order being canceled, by the percentage shown in E., following, based on the last monitored Critical Date which has occurred on the order. When a customer cancels an order, or part of an order, on or after the Service Date, 100% of the nonrecurring charges plus minimum billing period charges apply.

Nonrecurring charges associated with an order are used to calculate the Cancellation Charge even when nonrecurring charges are waived.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 4** Original Sheet 5

#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

#### 4.1.3 CANCELLATION OF APPLICATION FOR SERVICE

D. (Cont'd)

SHNS rate elements without nonrecurring charges will be assessed Cancellation Charges based on all nonrecoverable costs incurred by the Company in association with the service order, up to and including the time of cancellation. Nonrecoverable costs are those costs for which the Company has no foreseeable use should the service be terminated. In addition, the Cancellation Charge will include the sum of the twelve month minimum service period for those rate elements without nonrecurring charges based on the fixed period of the customer's Pricing Plan commitment.

Analog Service orders where the Network Access Channel recurring rate element is not billed, will be assessed a Cancellation Charge based on the equivalent of one Channel Performance nonrecurring charge for the service.

Digital Data Service orders where the Channel Termination recurring rate element is not billed, will be assessed a Cancellation Charge based on the equivalent of one Channel Termination nonrecurring charge for the service.

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**SECTION 4** Original Sheet 6

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

#### 4.1.3 CANCELLATION OF APPLICATION FOR SERVICE (Cont'd)

E. The Critical Dates monitored by the Company are as follows:

	APP %	DLRD %	PTD %	DD %
Low Speed Data	13	44	77	[1]
Voice Grade	13	44	77	[1]
• Local Area Data Service (LADS)	13	44	77	[1]
• Audio	13	44	77	[1]
Foreign Central Office	13	44	77	[1]
• Exchange Service Extensions[2]	13	44	77	[1]
• Telephone Answering Service[2]	13	44	77	[1]
Digital Data	13	44	77	[1]
Simultaneous Voice Data Service	13	44	77	[1]
• DS1	10	48	81	[1]
• DS3	10	48	81	[1]
Self-Healing Network Service	10	48	81	[1]

- [1] Minimum billing period charges and 100% of the nonrecurring charges apply when an order or part of an order is canceled on or after the original Service Date.
- [2] Critical Dates applicable only when provisioned on an interoffice basis.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 4** Original Sheet 7

#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

#### 4.1.3 CANCELLATION OF APPLICATION FOR SERVICE (Cont'd)

- F. When a customer cancels an order for the discontinuance of service, no charges apply for the cancellation.
- G. If the Company misses a service date due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel an order without incurring cancellation charges.
- H. A request for cancellation after completion of an installation will be treated as a discontinuance of service.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 4** Original Sheet 8

#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL (Cont'd)

#### 4.1.4 EXPEDITE

- A. If a customer desires that service be provided on an earlier date than that which has been established for the order, the customer may request that service be provided on an expedited basis. If the Company agrees to provide the service on an expedited basis, an Expedite Charge will apply. The customer will be notified of the Expedite Charge prior to the order being issued.
- B. If the Company is subsequently unable to meet an agreed upon expedited service date, no Expedite Charge will apply unless the missed service date was caused by the customer.
- C. The Expedite Charge is based on the extent to which the order has been processed at the time the Company agrees to the expedited service date, and is calculated as follows:
  - 1. Based on the critical dates associated with the order, as defined in 4.1.3.B.4.b., preceding, the Company will determine which critical date will be next completed on the order.
  - 2. Using the table of 4.1.3.B.4.c., preceding, and the critical date as determined above, the Company will determine the percent of the provisioning interval not yet completed.
  - 3. The Company will apply this percentage to the sum of all the nonrecurring charges associated with the order and divide this sum by the number of days remaining in the original service interval.
  - 4. The per day charges so developed will then be applied on a per-day basis, perorder, but in no event shall the charge exceed 50% of the total nonrecurring charges associated with the order.
- D. When the request for expediting occurs subsequent to the issuance of the order, a Dispatch Charge as set forth in 4.1.20, following, may also apply.
- E. If costs other than additional labor are to be incurred when an order is expedited, the Company will develop, determine and bill the customer such costs in accordance with the special construction terms and conditions as set forth in Qwest Corporation Tariff, F.C.C. No. 2.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 4** Original Sheet 9

#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL (Cont'd)

# 4.1.5 DESIGN LAYOUT REPORT (DLR) - (END-LINK OR MID-LINK APPLICATION ONLY)

At the request of the customer, the Company will provide to the customer the make-up of the facilities and services provided under the End-link or Mid-link Application to aid the customer in designing the overall service. This information will be provided in the form of a Design Layout Report. A Mechanized DLR will be data transmitted to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed. At the customer's request, additional copies of the mechanized DLR or all hard copies of the DLR will be provided for a charge.

	USOC	Nonrecurring Charge
Additional mechanized copies	DLZAX	\$10.00
• Hard copy report	DLZHX	10.00

#### 4.1.6 SPECIAL CONSTRUCTION

The rates and charges shown in this Catalog provide for the furnishing of service where suitable facilities are available. Where special construction of facilities is necessary, special construction charges may apply as found in Qwest Corporation Tariff, F.C.C. No. 2.

#### 4.1.7 TELECOMMUNICATIONS SERVICE PRIORITY (TSP)

TSP is the regulatory, administrative, and operational system developed by the Federal Government to ensure priority provisioning and/or restoration of National Security Emergency Preparedness (NSEP) telecommunications services. The Federal Communications Commission defines NSEP telecommunications services as those services which are used to maintain a state of readiness or to respond to and manage any event or crisis, which causes or could cause harm to the population, damage to or loss of property, or degrades or threatens the NSEP posture of the United States. See Access Service Tariff, Section 13, for regulations, rates and charges.

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL (Cont'd)

#### 4.1.8 MAINTAINING FACILITIES

Maintenance of facilities furnished by the Company is generally performed during the normal business hours of the Company as defined in 2.3.9 preceding. At a time agreeable to both the customer and the Company, facilities shall be available for maintenance purposes. At the request of the customer, the Company will make every reasonable effort to perform maintenance work at other than normal business hours, at charges defined in 4.1.12 following.

#### 4.1.9 **REPAIR OF FACILITIES**

A repair call is initiated by the customer. A charge as specified in 4.1.10 following applies for a repair visit to the customer's premises, in response to a trouble report, when the service difficulty is determined to be the result of the use of customer premises equipment. No charge will apply when the trouble is found in the Company's facilities or equipment.

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL (Cont'd)

#### 4.1.10 MAINTENANCE OF SERVICE

A. When a customer reports trouble to the Company for clearance and no trouble is found in the Company's facilities, the customer shall be responsible for payment of a Maintenance of Service charge. Maintenance of Service charges apply, per technician, for the period of time from when Company personnel are dispatched to an unattended Company building or to the customer's premises, to when the work is completed. A Dispatch Charge also applies, as specified in 4.1.20, following, when Company personnel are dispatched.

The customer shall be responsible for payment of a Maintenance of Service charge when the trouble is in equipment or communications systems provided by other than the Company, or in detariffed CPE provided by the Company. No charge will apply when the trouble is found in the Company's facilities or equipment.

- B. In addition, when a customer reports trouble within a quantity of services and circuits, but fails to identify the specific service and circuit which is experiencing trouble, a Maintenance of Service charge applies for the time spent by Company personnel to isolate the trouble.
- C. Failure of Company personnel to find trouble in Company facilities will result in no charge if the trouble is actually in those facilities, but not discovered at the time. Maintenance of Service charges are applicable per technician as set forth in E., following. A call-out of a Company employee at a time not consecutive with the employee's scheduled work period, (e.g., a call-out at any time outside of the employee's scheduled work period), is subject to a minimum charge of four hours. No credit allowance will be applicable for the interruptions involved if the Maintenance of Service charge applies.
- D. Maintenance of Service Charges are billed to the customer of record, where the problem exists, except in cases where a maintenance contract has been purchased.

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### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

#### 4.1.10 MAINTENANCE OF SERVICE (Cont'd)

E. Maintenance of Service Charges

MAINTENANCE OF SERVICE PERIODS	USOC	Nonrecurring Charge
<ul> <li>Basic Time, per technician</li> <li>1st 1/2 hour or fraction thereof</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	MVWXX MVW1X	\$ 89.61 37.91
<ul> <li>Overtime, per technician[1]</li> <li>1st 1/2 hour or fraction thereof</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	MVWOX MVW2X	98.69 46.99
<ul> <li>Premium Time, per technician[1]</li> <li>1st 1/2 hour or fraction thereof</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	MVWPX MVW3X	107.63 55.93

[1] A call out of a Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL (Cont'd)

#### 4.1.11 ADDITIONAL ENGINEERING

Additional Engineering will be provided by the Company at the request of the customer only when:

- A customer requests additional technical information after the Company has already provided the technical information normally included on the Design Layout Report (DLR) for the End-link or Mid-link application.
- Additional engineering time is incurred by the Company to engineer a customer's request for a Customized service as set forth in 5.1.2 following for both the End-link or Mid-link and the End-to-End applications.

The Company will notify the customer that additional engineering charges, as set forth in 4.1.13 following, will apply before any additional engineering is undertaken.

#### 4.1.12 ADDITIONAL LABOR

Additional Labor is that labor requested by the customer and agreed to by the Company as set forth following. The Company will notify the customer that Additional Labor charges as set forth in 4.1.13.B. following will apply before any additional labor is undertaken. The labor charges apply per Company technician performing billable work at the customer's request. If multiple types of services are being ordered on one request at a designated premises, all orders must specifically reference the original request. When more than one technician is involved in working on a customer's request, the amount of time accrued by all technicians will be totaled to determine the number of 1/2 hour increments to be billed. Only one first 1/2 hour increment applies per request.

• Overtime Installation

Overtime Installation is that Company installation effort outside of normal business hours.

• Other Labor

Other Labor is that additional labor not included in Overtime Installation preceding, and labor incurred to accommodate a specific customer request that involves only labor which is not covered by any other section of this Catalog.

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL (Cont'd)

#### 4.1.13 ADDITIONAL ENGINEERING AND LABOR CHARGES

A. Charges for Additional Engineering

The charges for Additional Engineering as defined in 4.1.11 preceding are as follows:

ADDITIONAL ENGINEERING PERIODS	USOC	Nonrecurring Charge
<ul> <li>Basic Time, per engineer</li> <li>1st 1/2 hour or fraction thereof</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	AEQXX AEQ1X	\$34.12 34.12
<ul> <li>Overtime, per engineer</li> <li>1st 1/2 hour or fraction thereof</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	AEQOX AEQ2X	45.04 45.04

#### B. Charges for Additional Labor

The charges for Additional Labor as defined in 4.1.12 preceding are as follows:

ADDITIONAL LABOR- INSTALLATION PERIODS	USOC	Nonrecurring Charge	
<ul> <li>Overtime, per technician[1]</li> <li>1st 1/2 hour or fraction thereof[2]</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	ALFOX ALF2X	\$ 8.99 8.99	
<ul> <li>Premium Time, per technician[1]</li> <li>1st 1/2 hour or fraction thereof[2]</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	ALFPX ALF3X	16.76 16.76	

- [1] A call out of a Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.
- [2] Only one first 1/2 hour increment applies per request.

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

#### 4.1.13 Additional Engineering And Labor Charges

B. Charges for Additional Labor (Cont'd)

OTHER LABOR	USOC	Nonrecurring Charge
<ul> <li>Basic Time, per technician</li> <li>1st 1/2 hour or fraction thereof[1]</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	ALGXX ALG1X	\$29.25 29.25
<ul> <li>Overtime, per technician[2]</li> <li>1st 1/2 hour or fraction thereof[1]</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	ALGOX ALG2X	38.61 38.61
<ul> <li>Premium Time, per technician[2]</li> <li>1st 1/2 hour or fraction thereof[1]</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	ALGPX ALG3X	44.75 44.75

#### 4.1.14 ACCEPTANCE TESTING

At no additional charge, the Company will, at the customer's request, schedule a mutually agreeable time to cooperatively test the following parameters at the time of installation:

A. For Voice Grade analog services (except Voice Grade Basic), acceptance tests will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade Services, a balance (improved return loss) test will be made if the customer has ordered the improved return loss optional feature.

- [1] Only one first 1/2 hour increment applies per request.
- [2] A call-out of a Company employee at a time not consecutive with employee's scheduled work period is subject to a minimum charge of four hours.

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# 4.1 GENERAL

#### **4.1.14** ACCEPTANCE TESTING (Cont'd)

- B. For other analog services (i.e., Low-Speed Data, Audio Program) and for digital services (i.e., Digital Data Service, DS1 and DS3), acceptance tests will include tests for the parameters applicable to the service and as specified in the order for service.
- C. For Voice Grade Basic Service, no cooperative testing is available.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Service to test other parameters, as described in 4.1.15.A., following is available at the customer's request. All test results will be made available to the customer upon request.

#### 4.1.15 **TESTING SERVICES**

Testing Services offered under this section of the Catalog are optional and subject to rates and charges as set forth in 4.1.16, following. Other testing services provided by the Company in association with Private Line Transport Services are furnished at no additional charge. These other testing services are described in 4.1.14, preceding.

Testing services are normally provided by Company personnel at Company locations. However, provisions are made following for a customer to request Company personnel to perform testing services at the customer's premises.

The offering of Testing Services under this section of the Catalog is made subject to the availability of the necessary qualified personnel and test equipment at the various test locations mentioned.

The Company will, at the request of a customer, provide assistance in performing specific tests requested by the customer.

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL 4.1.15 TESTING SERVICES (Cont'd)

A. 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 required tests, the Company will provide a technician at its office for the purpose of conducting Additional Cooperative Acceptance Testing on Voice Grade Services. At the customer's request, the 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
- B. Nonscheduled Testing (NST)

When a customer provides a technician at its premises, with suitable test equipment to perform the required tests, the Company will provide a technician at its office for the purpose of conducting Nonscheduled Testing. At the customer's request, the Company will provide a technician at the customer's premises. Nonscheduled tests may consist of any tests, such as loss, noise, slope, or envelope delay which the customer may require.

C. Obligation of the Customer

When the customer subscribes to Testing Service as set forth in this section, the customer shall make the facilities to be tested available to the Company at times mutually agreed upon.

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#### 4.1 GENERAL (Cont'd)

#### 4.1.16 **TESTING CHARGES**

A. Additional Cooperative Acceptance Testing (ACAT)

	USOC	Nonrecurring Charge
<ul> <li>Basic Time, per technician</li> <li>1st 1/2 hour or fraction thereof</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	SNTXT SNT1T	\$29.25 29.25
<ul> <li>Overtime, per technician[1]</li> <li>1st 1/2 hour or fraction thereof</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	SNTOT SNT2T	38.61 38.61
<ul> <li>Premium Time, per technician[1]</li> <li>1st 1/2 hour or fraction thereof</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	SNTPT SNT3T	44.75 44.75

[1] A call-out of a Company employee at a time not consecutive with employee's scheduled work period is subject to a minimum charge of four hours.

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

#### 4.1.16 TESTING CHARGES (Cont'd)

B. Nonscheduled Testing (NST)

TESTING PERIODS	USOC	Nonrecurring Charge
<ul> <li>Basic Time, per technician</li> <li>1st 1/2 hour or fraction thereof</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	SNOXT SNO1T	\$29.25 29.25
<ul> <li>Overtime, per technician[1]</li> <li>1st 1/2 hour or fraction thereof</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	SNOOT SNO2T	38.61 38.61
<ul> <li>Premium Time, per technician[1]</li> <li>1st 1/2 hour or fraction thereof</li> <li>Each additional 1/2 hour or fraction thereof</li> </ul>	SNOPT SNO3T	44.75 44.75

### 4.1.17 CHANNELS ON SAME PREMISES

DESCRIPTION	USOC	Nonrecurring Charge	Monthly Rate
• Two Point Channel, each point			
- 2-wire - 4-wire	ONN ONF	\$50.00 50.00	\$1.90 4.35

[1] A call-out of a Company employee at a time not consecutive with employee's scheduled work period is subject to a minimum charge of four hours.

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL (Cont'd)

#### 4.1.18 COMMAND A LINK NETWORK RECONFIGURATION SERVICE

A. Description

Command A Link Network Reconfiguration Service provides the customer with the ability to reconfigure or rearrange their network from their premises at their convenience. The typical Command A Link network consists of these components:

- The circuits, which are purchased from elsewhere in this Catalog;
- The connection of these circuits to the Command A Link Digital Crossconnect System (DCS) ports;
- And the access to the network controller to rearrange the circuits.

The customer must specify the appropriate Network Channel Interface (NCI) and Network Channel (NC) codes. Information pertaining to the technical specifications and compatible channel interfaces are set forth in the Technical Publications listed under the Reference to Technical Publications preceeding.

- B. Service Elements
  - 1. Digital Crossconnect System (DCS) Ports

This element provides for the cross-connection between circuit terminations. Like circuits can only cross-connect to like circuits i.e., voice to voice, data to data, of like circuit design and transmission rates. Terminations are provided on the following ports:

- DS0 Port Provides for the termination of analog or digital circuits up to the 64 kbit/s speed.
- DS1 Port Provides for the termination of a 1.544 Mbit/s digital circuit.
- DS3 Port Provides for the termination of a 44.736 Mbit/s digital circuit.
- Virtual Port Provides for the interconnection of compatible circuits of two separate Command A Link customers, by their mutual consent.

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

#### 4.1.18 COMMAND A LINK NETWORK RECONFIGURATION SERVICE

- B. Service Elements (Cont'd)
  - 2. Network Controller

This element communicates customer commands to the DCS. Through these commands, customers are able to establish and rearrange the cross-connections between their circuit terminations.

- 3. Reconfiguration Options
- a. Dial Up Access Using a standard business or residence telephone line and customer-provided personal computer (PC) terminal and modem, this option provides the customer with the ability to execute their own commands for the reconfiguration of Command A Link circuits twenty-four hours a day.
- b. Attendant Access With this option, the customer calls a Company attendant who follows customer instructions to reconfigure the customer's Command A Link circuits. Attendant Access is only available during normal business hours (8:00 a.m. - 5:00 p.m., Monday - Friday). Customers requesting Attendant Access, outside of normal business hours, will be liable for Additional Labor Charges as specified in 4.1.13 preceding, in addition to the Attendant Access nonrecurring charge.
- C. Service Information

SERVICE

**CLASS OF SERVICE** 

Command A Link - Month-to-Month

XNEM+

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### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL 4.1.18 **COMMAND A LINK NETWORK RECONFIGURATION SERVICE (CONT'D)**

- D. Terms and Conditions
  - 1. The terms, conditions and regulations specified herein apply in addition to those specified for DS1 and DS3 Service, and in the General Regulations, Section 2, of this Catalog.
  - 2. Command A Link Service provides circuit termination cross-connections and the control of these cross-connections. It does not include the provisioning of circuits. Circuits are governed by their established terms and conditions.
  - 3. Cross-connection and control devices are located on suitable Company premises. Provisioning of Command A Link Service is subject to the availability of these devices.
  - 4. Both intraLATA and interLATA circuits may terminate on the same DCS, crossconnecting with like circuits, i.e., intraLATA to intraLATA and interLATA to interLATA.
  - 5. Circuits which terminate on a DCS must conform to Command A Link technology, as determined by the Company.
  - 6. When customers concur, the circuit(s) of one customer may be interconnected to the compatible circuit(s) of another customer using a virtual port.
- E. Rate Regulations
  - 1. Digital Crossconnect System (DCS) Ports
    - a. DS0, DS1 and DS3 Port Charges

A monthly rate and nonrecurring charge apply to each circuit terminating on a DCS port.

b. Virtual Port Charge

When circuits of two or more Command A Link customers are interconnected using virtual ports, a nonrecurring charge to each customer applies to establish each virtual port.

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### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

- 4.1.18 COMMAND A LINK NETWORK RECONFIGURATION SERVICE
  - E. Rate Regulations (Cont'd)
    - 2. Reconfiguration Options[1]
    - a. Dial-Up Access

A monthly rate applies for customers subscribing to dial-up access.

b. Attendant Access

When a customer requests the Company to make changes on their behalf, a pertransaction charge applies. Examples of transactions include, but are not limited to the following:

- The performance of each reconfiguration activity, including connecting, disconnecting, or reconnecting each circuit segment. For example, the connection of one 9.6 kbit/s data circuit to another 9.6 kbit/s data circuit constitutes two transactions.
- A customer requested change in the customer's security code.
- Establishing, changing, or removing each scheduled reservation activity.
- A change to each of a customer's symbolic names or aliases for their circuits.
- Each request for a Command A Link list or report.

[1] Customers who subscribe to Dial-Up Access may also choose to use the attendant option for execution of commands and/or changes. The per-transaction charge will apply.

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

#### 4.1.18 COMMAND A LINK NETWORK RECONFIGURATION SERVICE

- E. Rate Regulations (Cont'd)
  - 3. Payment Options
    - a. Command A Link is offered on a month-to-month basis, as described under DS1 Service.
  - b. Discount pricing is offered, based on volume. Volume discounts apply to month-to-month.

The volume discount is applied in a tiered structure, i.e., if a customer purchases fifteen Ports at the DS0 or DS1 level, the first ten will be at one price for each Port, while the next five will be at another (discounted) price for each Port. For DS3 Ports, the first Port will be at one price and each additional DS3 Port will be discounted.

c. The rates for service are for a minimum billing period of one month.

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#### 4.1 GENERAL

#### 4.1.18 COMMAND A LINK NETWORK RECONFIGURATION SERVICE

- E. Rate Regulations (Cont'd)
  - 4. Service Rearrangement

Should the customer choose to upgrade from a point-to-point DS0, DS1 or DS3 Service to a DS0, DS1 or DS3 provisioned with Command A Link, the appropriate Command A Link port nonrecurring charge applies, in addition to the applicable nonrecurring charge(s) for the service rearranged.

- F. Rates and Charges
  - 1. Digital Crossconnect System Ports
    - a. Monthly Rates, per port

	USOC	Month to Month
<ul> <li>DS0 Port</li> <li>1-10</li> <li>11-50</li> <li>51-100</li> <li>More than 100</li> </ul>	D1W1X D1W2X D1W3X D1W4X	\$ 30.00 27.00 25.00 24.00
<ul> <li>DS1 Port</li> <li>1-10</li> <li>11-50</li> <li>51-100</li> <li>More than 100</li> </ul>	D1J1X D1J2X D1J3X D1J4X	145.00 125.00 110.00 95.00
<ul> <li>DS3 Port</li> <li>First</li> <li>Each additional</li> </ul>	D3D D3DAX	1525.00 1235.00

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

- **4.1.18** COMMAND A LINK NETWORK RECONFIGURATION SERVICE F.1. (Cont'd)
  - b. Nonrecurring Charges, per port

	USOC	Nonrecurring Charge
• DS0 Port	D1W++	\$ 25.00
• DS1 Port	D1J++	425.00
• DS3 Port	D3D++	500.00
Virtual Port	VXO	15.00

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL

- 4.1.18 COMMAND A LINK NETWORK RECONFIGURATION SERVICE
  - F. Rates and Charges (Cont'd)
    - 2. Reconfiguration Options

	I USOC	Nonrecurring Charge	Monthly Rate
• Dial-Up Access	D2GDU	_	\$35.00
• Attendant Access, per transaction	D2GAA	\$30.00	_

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#### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

#### 4.1 GENERAL (Cont'd)

#### **4.1.19 POWER PROTECTION**

This is a mandatory feature for each customer premises location that terminates a Network Access Channel in an environment that is subject to hazardous power and voltages (1000 V peak - asymmetrical or greater) due to ground potential rise and/or induction during fault conditions (power stations, etc.). This option requires a review of each facility by the Company Protection Engineer and the placement of additional equipment (isolation equipment, mutual drainage reactors, etc.) as needed, to be provided by either the Company or by the customer. Customer provided equipment must meet the specifications of the Company. This is necessary to ensure the protection of personnel, terminal equipment and cable facilities and to provide the most reliable service to the customer.

		USOC	Nonrecurring Charge	Monthly Rate
A.	For Low Speed Data			
	<ul> <li>Per Network Access Channel (NAC)</li> <li>Two-wire</li> <li>Four-wire</li> </ul>	HVE HVB	\$109.00 219.00	\$ 40.35 80.70
B.	For Voice Grade Service, per NAC			
	<ul> <li>Two-wire</li> <li>With Signaling</li> <li>Without Signaling</li> </ul>	HVC HVK	109.00 109.00	42.00 21.00
	• Four-wire	HVL	219.00	42.00
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## 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

### 4.1 GENERAL (Cont'd)

### 4.1.20 DISPATCH CHARGE

The Company assesses Dispatch Charges when a technician(s) is dispatched. The charge applies in the following situations:

A. Service Date Change

One Dispatch Charge applies to all Private Line Transport Services contained in this Catalog. The charge applies if, for any reason, the customer requests a service date change but fails to notify the Company before the service date and a Company technician is dispatched to the customer's premises on the service date.

The Company accordingly will delay the start of service, change the service date and assess a Dispatch Charge. The charge will apply each time this situation occurs.

B. Maintenance of Service

One Dispatch Charge applies when one or more technicians are dispatched for Maintenance of Service and no trouble is found in the Company's facilities. If, after the initial repair visit, a repair ticket is still open and a technician(s) is dispatched again, another Dispatch Charge applies. The additional Dispatch Charge only applies if trouble is still not found in Company's facilities. Maintenance of Service charges apply for each technician. Failure of Company personnel to find trouble in Company facilities will result in no charge if the trouble is actually in those facilities, but not discovered at the time.

C. Nonrecurring Charge

	USOC	NONRECURRING CHARGE
• Dispatch Charge, per occurrence	VT6++	\$100.00

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## 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

## 4.2 **PROVISION OF PRIVATE LINE TRANSPORT BILLING INFORMATION-CARRIERS**

- A. The customer will generally receive its monthly bills in a standard paper format.
- B. At the option of the customer, and for an additional charge:
  - 1. Customer monthly bills may be provided on magnetic tape,
  - 2. Billing detail and/or information may be transmitted to the customer premises by data transmission,
  - 3. Additional copies of the customer monthly bill or service and features record may be provided in standard paper or microfiche format.
- C. Upon acceptance by the Company of an order for data transmission, the Company will determine the period of time to implement the transmission of such material on an individual order basis.
- D. The rates and charges for the provision of Private Line Transport Billing Information are as follows:

	FID	RATES
• Provision of Standard Billing Detail and/or Information in magnetic tape format, per record	DMT	\$.0095
• Data Transmission to a customer's premises of Billing Detail and/or Information, per record transmitted	BOD DT	ICB
• Additional Copies of the customer's monthly bill or service and features record in standard paper or microfiche format		
<ul><li>Per page</li><li>Per microfiche record</li></ul>	NOB NEL BOD FH	ICB ICB

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### 4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

### 4.3 SUMMARY BILLING SERVICE

Summary Billing Service is provided at charges and conditions as defined in the Exchange and Network Services Catalog, Section 10.

### 4.4 SPECIAL FACILITIES ROUTING

A customer may request that the facilities used to provide Private Line Transport Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable only) are set forth in Access Service Tariff, Section 11.

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### 5. SERVICES

### **SUBJECT** SHEET Audio Service..... 29 DS1 Service ..... 51 DS3 Service ..... 73 Digital Data Service(DDS)..... 39 Exchange Service Extensions (Non-PBX)..... 32 Facility Hubs..... 10 Foreign Central Office Service 34 General ..... 1 Local Area Data Service (LADS)..... 27 Low-Speed Data Service..... 13 Rate Categories ..... 3 Self-Healing Network Service 83 Service Configurations..... 5 Service Descriptions ..... 13 Service Types..... 1 Shared Use ..... 11 Simultaneous Voice Data Service..... 96 Telephone Answering Service ..... 36 Voice Grade Service 17

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### 5. SERVICES

### 5.1 GENERAL

### 5.1.1 SERVICE TYPES

THERE ARE SEVERAL TYPES OF SERVICES USED TO PROVIDE PRIVATE LINE TRANSPORT. EACH TYPE HAS ITS OWN CHARACTERISTICS. ALL ARE SUBDIVIDED BY ONE OR MORE OF THE FOLLOWING:

- Transmission specifications
- Bandwidth
- Speed (i.e., bit rate)

CUSTOMERS CAN ORDER A BASIC CHANNEL AND SELECT FROM A LIST OF AVAILABLE TRANSMISSION PERFORMANCE AND CHANNEL INTERFACES THOSE THAT THEY DESIRE TO MEET SPECIFIC COMMUNICATIONS REQUIREMENTS.

FOR PURPOSES OF ORDERING CHANNELS, EACH HAS BEEN IDENTIFIED AS A TYPE OF PRIVATE LINE TRANSPORT. HOWEVER, SUCH IDENTIFICATION IS NOT INTENDED TO LIMIT A CUSTOMER'S USE OF THE CHANNEL NOR TO IMPLY THAT THE CHANNEL IS LIMITED TO A PARTICULAR USE.

A. Service Descriptions

### Low Speed Data

A channel for the transmission of low speed loop status signals of up to 150 baud and for the transmission of McCulloh type alarm signals

### Voice Grade

A channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

### Local Area Data Service (LADS)

A channel suitable for baseband transmission of digital data signals between points within the same serving wire center area.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 **SECTION 5** Original Sheet 2

### 5. SERVICES

### 5.1 GENERAL

### 5.1.1 SERVICE TYPES

A. Service Descriptions(Cont'd)

Audio

A channel for the transmission of audio signals. The nominal frequency bandwidths are from 200 to 3,500 Hz, from 100 to 5,000 Hz, from 50 to 8,000 Hz or from 50 to 15,000 Hz. Audio multipoint private line channels are specially provided for the closed circuit (non-broadcast) transmission of voice and music in one direction only.

### Foreign Central Office (FCO)

Provides dial tone from a wire center in an exchange from which the customer is not normally served.

### Exchange Service Extension (ESE)

Channel which extends dial tone from a customer's serving wire center to a noncontinuous property station location.

Telephone Answering Service (TAS)

Channel from a patron's central office to the Answering Bureau.

## Digital Data Service (DDS)

A channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, 56 and 64 kbit/s.

## <u>DS1</u>

A channel for point to point two-way transmission at a speed of 1.544 Mbit/s per second.

## <u>DS3</u>

A channel for point to point, two-way high speed digital transmission at speeds of 45 Mbit/s.

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### 5. SERVICES

#### 5.1 **GENERAL** (Cont'd)

#### 5.1.2 **RATE CATEGORIES**

### THERE ARE FOUR BASIC RATE CATEGORIES WHICH APPLY TO PRIVATE LINE **TRANSPORT SERVICES:**

- Network Access Channel
- Channel Performance
- Transport Mileage
- Optional Features and Functions
- A. Network Access Channel[1]

The Network Access Channel provides a two-wire or four-wire communications path between the DP and the normal serving wire center of that premises. One Network Access Channel charge applies per channel terminated at the DP. This charge will apply even if the customer designated premises and the serving wire center are collocated in the same building. On certain services, the Network Access Channel may be derived from an existing service.

B. Channel Performance[1]

The Channel Performance provides the electronic equipment which is added to the Network Access Channel to provide the desired level of transmission performance. It modifies the circuit with the basic performance necessary for the circuit to function. If appropriate, it may also provide various signaling parameters to enhance the basic performance. Included as part of the Channel Performance is a Network Channel Interface (NCI) or DP arrangement which defines the technical characteristics at the interface between the customer and the Company. One Channel Performance charge will apply per Network Access Channel.

Not applicable on DDS, DS1 and DS3 service. [1]

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**SECTION 5** Original Sheet 4

### 5. SERVICES

#### 5.1 GENERAL

#### 5.1.2 **RATE CATEGORIES (Cont'd)**

C. Transport Mileage[1]

The Transport Mileage provides for the transmission facilities between the serving wirecenters associated with two customer designated premises. The Transport Mileage is portrayed in mileage bands. There are two rate elements that apply for each band, a flat rate per band and a rate per mile. Transport Mileage is measured by airline miles between serving wire centers via the V and H Coordinates Method, as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. No. 4.

D. Optional Features and Functions

The Optional Features and Functions rate category provides for optional features and functions which may be added to Private Line Transport Services to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

When a customer's intrastate private line transport service or foreign exchange [1] service is extended into unassigned territory, that service location is termed a Private Line Pricing Point. This location shall be considered a wire center for the purpose of determining airline mileages between two wire centers.

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### 5. SERVICES

#### 5.1 GENERAL

#### 5.1.2 **RATE CATEGORIES**

D. Optional Features and Functions (Cont'd)

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Hubbing Functions
- Bridging
- Conditioning
- Secondary Channel

A hub is a Company designated serving wire center at which bridging functions are performed. The bridging functions performed are to connect three or more customer designated premises in a multipoint arrangement. NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. No. 4 identifies serving wire centers, hub locations and the type of bridging.

Standard offerings are available within each category of service. If a Standard offering does not meet a particular customer requirement, the customer may request and the Company may develop a Custom offering. The Channel Performance and/or Optional Features and Functions for customer services will be developed and rated on an individual case basis.

#### 5.1.3 **SERVICE CONFIGURATIONS**

THE TWO TYPES OF SERVICE CONFIGURATIONS OVER WHICH PRIVATE LINE **TRANSPORT CAN BE PROVIDED ARE:** 

- Two-point
- Multipoint

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### 5. SERVICES

#### 5.1 GENERAL

#### 5.1.3 **SERVICE CONFIGURATIONS (Cont'd)**

### A. Two-Point Service

A two-point service connects two customer designated premises through a Company wire center or a customer designated premises and a wire center.

Applicable rate categories are:

- Network Access Channel[1]
- Transport Mileage (when applicable)
- Channel Performance[1]
- Optional Features and Functions (when applicable)

The following diagram depicts a two-point, Voice Grade service connecting two customer designated premises with serving wire centers (SWC) located fifteen miles apart. This service is provided with C1 - Type Conditioning. The location of the Network Channel Interface (NCI) is noted on the diagram.



Applicable rate categories for this example are:

- Network Access Channels (NAC) (2)
- Transport Mileage (TM) (Mileage band over 8 to 25 miles)
- Channel Performance (CP) (2)
- Optional Features and Functions (C1 Conditioning) (2)

For DDS, DS1 and DS3 Services, a Channel Termination rate element applies [1] instead of a Network Access Channel and a Channel Performance.

NOTICE

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## 5. SERVICES

#### 5.1 GENERAL

#### 5.1.3 **SERVICE CONFIGURATIONS (Cont'd)**

### B. Multipoint Service

Multipoint Service connects three or more customer designated premises through a Company wire center. When more than four bridging locations are provided in tandem, the quality of the service may be degraded. Only certain types of Private Line Transport Services are provided as multipoint service. These are so designated in the Service Descriptions set forth in 5.2, following.

When ordering, the customer may specify the desired bridging location(s) selected from the NATIONAL EXCHANGE CARRIER ASSOCIATED TARIFF F.C.C. No. 4. The Company, when requested to do so, will assist the customer in selecting the bridge locations(s).

Applicable rate categories are:

- Network Access Channel[1]
- Transport Mileage (when applicable)
- Channel Performance[1]
- Optional Features and Functions (when applicable)

[1] For DDS, DS1 and DS3 Services, a Channel Termination rate element applies instead of a Network Access Channel and Channel Performance.

NOTICE

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**5. SERVICES** 

#### 5.1 GENERAL

- 5.1.3 **SERVICE CONFIGURATIONS**
- B. Multipoint Service (Cont'd)
  - Multipoint Analog Service

The following diagram depicts a service connecting four customer designated premises, each served by a different SWC. The location of the Network Channel Interface (NCI) is noted on the diagram.



Applicable rate categories for this example:

- Network Access Channel (NAC) (4)
- Transport Mileage (TM) (3 sections, each from the appropriate mileage band)
- Channel Performance (CP) (4)
- Optional Features and Functions bridging (B) (6 applicable, one per port)

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**5. SERVICES** 

#### 5.1 GENERAL

#### 5.1.3 **SERVICE CONFIGURATIONS**

- B. Multipoint Service (Cont'd)
  - Multipoint Digital Data Service

The following diagram depicts a service connecting four customer designated premises, each served by a different Serving Wire Center (SWC). The location of the Network Channel Interface (NCI) is noted on the diagram.



Applicable rate categories for this example:

- Channel Termination (CT) (4)
- Transport Mileage (TM (3 sections, each from the appropriate mileage band)
- Channel Performance (CP) (4)
- Optional Features and Functions bridging (B) (4 applicable, one per port)

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### 5. SERVICES

#### 5.1 **GENERAL** (Cont'd)

5.1.4 **FACILITY HUBS** 

> A CUSTOMER HAS THE OPTION OF ORDERING DIGITAL HIGH CAPACITY FACILITIES (E.G., DS1) TO A FACILITY HUB FOR CHANNELIZING TO INDIVIDUAL SERVICES REQUIRING LOWER CAPACITY FACILITIES (E.G., VOICE GRADE, AUDIO PROGRAM, ETC.) WHERE FACILITIES ARE AVAILABLE.

> **DIFFERENT LOCATIONS MAY BE DESIGNED AS HUBS FOR DIFFERENT FACILITY** CAPACITIES, E.G., MULTIPLEXING FROM DIGITAL TO DIGITAL MAY OCCUR AT ONE LOCATION WHILE MULTIPLEXING FROM DIGITAL TO ANALOG MAY OCCUR AT A DIFFERENT LOCATION. WHEN ORDERING, THE CUSTOMER WILL SPECIFY THE DESIRED MULTIPLEXING HUB(S) SELECTED FROM THE NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. No. 4. THIS TARIFF IDENTIFIES THE TYPE(S) OF MULTIPLEXING FUNCTIONS WHICH ARE AVAILABLE AND THE SERVING WIRE CENTERS AT WHICH THEY ARE AVAILABLE.

> SOME OF THE TYPES OF MULTIPLEXING AVAILABLE INCLUDE THE FOLLOWING:

- From higher to lower bit rate
- From digital to voice frequency channels

END-TO-END SERVICES MAY BE PROVIDED ON CHANNELS OF THESE FACILITIES TO A HUB. THE TRANSMISSION PERFORMANCE FOR THE END-TO-END SERVICE PROVIDED BETWEEN THE CUSTOMER DESIGNATED PREMISES WILL BE THAT OF THE LOWER CAPACITY OR BIT RATE. FOR EXAMPLE, WHEN A 1.544 MBIT/S FACILITY IS MULTIPLEXED TO VOICE FREQUENCY CHANNELS, THE TRANSMISSION PERFORMANCE OF THE CHANNELIZED SERVICES WILL BE VOICE GRADE, NOT HIGH CAPACITY, I.E., NOT DS1.

THE COMPANY WILL COMMENCE BILLING THE MONTHLY RATE FOR THE FACILITY TO THE HUB ON THE SERVICE DUE DATE SPECIFIED BY THE CUSTOMER ON THE SERVICE ORDER. INDIVIDUAL SERVICES UTILIZING THESE FACILITIES MAY BE INSTALLED COINCIDENT WITH THE INSTALLATION OF THE FACILITY TO THE HUB, OR MAY BE ORDERED AND/OR INSTALLED AT A LATER DATE, AT THE OPTION OF THE CUSTOMER. THE CUSTOMER WILL BE BILLED FOR THE APPROPRIATE NETWORK ACCESS CHANNEL/CHANNEL TERMINATION, CHANNEL PERFORMANCE, TRANSPORT MILEAGE (WHEN APPLICABLE), AND THE MULTIPLEXER AT THE TIME THE FACILITY IS INSTALLED. INDIVIDUAL SERVICE RATES (BY SERVICE TYPE) WILL APPLY FOR A NETWORK ACCESS CHANNEL, CHANNEL PERFORMANCE AND ADDITIONAL TRANSPORT MILEAGE (AS REOUIRED) FOR EACH CHANNELIZED SERVICE. THESE WILL BE BILLED TO THE CUSTOMER AS EACH INDIVIDUAL SERVICE IS INSTALLED.

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

5. SERVICES

5.1 GENERAL

### 5.1.4 FACILITY HUBS (Cont'd)

CASCADING MULTIPLEXING OCCURS WHEN A DIGITAL CHANNEL IS DE-MULTIPLEXED TO PROVIDE CHANNELS WITH A LESSER CAPACITY AND ONE OF THE LESSER CAPACITY CHANNELS IS FURTHER DE-MULTIPLEXED. FOR EXAMPLE, A DS1 FACILITY IS DE-MULTIPLEXED TO TWENTY-THREE DS0 FACILITIES AND THEN ONE OF THE DS0 FACILITIES IS FURTHER DE-MULTIPLEXED TO SUBRATE (E.G. TEN 4.8 KBIT/S).

WHEN CASCADING MULTIPLEXING IS PERFORMED WHETHER IN THE SAME OR A DIFFERENT HUB, A CHARGE FOR THE ADDITIONAL MULTIPLEXING UNIT ALSO APPLIES. WHEN CASCADING MULTIPLEXING IS PERFORMED AT DIFFERENT HUBBING LOCATIONS, TRANSPORT MILEAGE CHARGES ALSO APPLY BETWEEN THE HUBS.

ALTHOUGH NOT REQUIRING MULTIPLEXING, THE COMPANY WILL DESIGNATE CERTAIN HUBS FOR AUDIO PROGRAM SERVICES. A CUSTOMER MAY ORDER SERVICE(S) BETWEEN CUSTOMER DESIGNATED PREMISES AND A HUB. THE CUSTOMER WILL BE CHARGED FOR EACH SUCH CONNECTION MADE AT THE HUB AT THE NONRECURRING CHARGES FOR A CHANNEL PERFORMANCE, AUDIO PROGRAM SERVICE, AS SET FORTH IN 5.2.5 FOLLOWING. THE RATES THAT ALSO APPLY FOR THE SERVICE BETWEEN EACH CUSTOMER DESIGNATED PREMISES AND THE HUB ARE A NETWORK ACCESS CHANNEL AND CHANNEL PERFORMANCE. IF APPLICABLE, TRANSPORT MILEAGE FROM THE HUB TO OTHER SERVING WIRE CENTERS AND RATES FOR OPTIONAL FEATURES AND FUNCTIONS MAY BE REQUIRED.

### 5.1.5 SHARED USE

SHARED USE OCCURS WHEN PRIVATE LINE TRANSPORT SERVICE AND SWITCHED ACCESS SERVICE ARE PROVIDED OVER THE SAME HIGH CAPACITY FACILITIES THROUGH A COMMON INTERFACE. THE FACILITY WILL BE ORDERED, PROVIDED AND RATED AS PRIVATE LINE TRANSPORT SERVICE (I.E., NETWORK ACCESS CHANNEL. CHANNEL PERFORMANCE, TRANSPORT MILEAGE, AS APPROPRIATE, AND MULTIPLEXER). THE NONRECURRING CHARGE THAT APPLIES WHEN THE SHARED USE FACILITY IS INSTALLED WILL BE THE NONRECURRING CHARGE ASSOCIATED WITH THE APPROPRIATE PRIVATE LINE TRANSPORT HIGH CAPACITY CHANNEL. RATING AS PRIVATE LINE TRANSPORT WILL CONTINUE UNTIL SUCH TIME AS THE CUSTOMER CHOOSES TO USE A PORTION OF THE AVAILABLE CAPACITY FOR PROVIDING SWITCHED ACCESS SERVICE. AS EACH INDIVIDUAL CHANNEL IS ACTIVATED FOR SWITCHED ACCESS SERVICE, THE PRIVATE LINE TRANSPORT SERVICES RATES WILL BE REDUCED ACCORDINGLY (E.G., 1/24TH FOR A DS1 SERVICE, ETC.). THE CUSTOMER MUST PLACE AN ORDER FOR EACH INDIVIDUAL SWITCHED ACCESS OR PRIVATE LINE TRANSPORT SERVICE UTILIZING THE SHARED USE FACILITIES AND SPECIFY THE CHANNEL ASSIGNMENT FOR EACH SUCH SERVICE.

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### 5. SERVICES

- 5.1 GENERAL
- 5.1.5 **SHARED USE (Cont'd)**

SWITCHED ACCESS SERVICE RATES AND CHARGES WHICH MAY BE FOUND IN SECTION 6 OF THE ACCESS SERVICE TARIFF, WILL APPLY FOR EACH CHANNEL OF THE SHARED USE FACILITY THAT IS USED TO PROVIDE SWITCHED ACCESS SERVICE. WHERE PRIVATE LINE TRANSPORT SERVICE IS PROVIDED UTILIZING A CHANNEL OF THE SHARED USE FACILITY TO THE HUB, HIGH CAPACITY RATES AND CHARGES WILL APPLY FOR THE FACILITY TO THE HUB 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 PRIVATE LINE TRANSPORT SERVICE THAT IS PROVIDED (E.G., VOICE GRADE, ETC.). THE APPLICABLE RATES AND CHARGES WILL INCLUDE A NETWORK ACCESS CHANNEL, CHANNEL PERFORMANCE AND TRANSPORT MILEAGE WHERE APPLICABLE. RATES AND CHARGES FOR OPTIONAL FEATURES AND FUNCTIONS ASSOCIATED WITH THE SERVICE, IF ANY, WILL APPLY.

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## 5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.1 LOW-SPEED DATA SERVICE

A. Basic Circuit Description

These unconditioned channels are capable of transmitting low speed varying signals at rates up to 30 baud or binary signals at rates of 0-150 baud. Low-Speed Data Channels are furnished and rated from a DP to a DP or bridging location to a DP. These channels are furnished on a two-point or multipoint basis.

Information pertaining to the technical specifications and compatible channel interfaces is set forth in the Technical Publications listed under the Reference to Technical Publications preceding.

B. End-to-End Application

This application is intended for customers requiring an overall Private Line Transport Service, furnished by the Company within the LATA. No DLR will be provided since the performance and maintenance will be the responsibility of the Company. The network channel interface at the terminating end of the overall circuit is referred to as the End User-DP. Following are the service categories that normally apply to the End-to-End application:

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### 5. SERVICES

#### 5.2 SERVICE DESCRIPTIONS

#### 5.2.1 LOW-SPEED DATA SERVICE

- B. End-to-End Application (Cont'd)
  - 1. Service Categories
    - LS31 Provides for data transfer at speeds within the range of 0 to 150 baud. The channel is further defined by speed into the following functions:

0-30 baud channels provide:

- Two-point service used for key control circuits or remote status monitoring, furnished on a two-wire only basis.[1]
- Two-point or multipoint service intended for use in McCulloh Alarm-type applications, furnished on a two-wire only basis.
- DC Channel (metallic channel) current or voltage interfaces on a two-wire basis. Available at the Company's option, on an intra-wire center basis only where facilities and operations permit. This two-point or multipoint service is intended for applications where dc continuity is required. Requests for new service will be provided on an intra-wire center basis only. Service in place as of May 2, 1988 on an inter-wire center basis will be Grandfathered to the existing locations.

0-75 baud channels are available on a two-point or multipoint basis and are intended for telegraph grade applications.

0-150 baud channels provide EIA RS 232 interfaces. The service is available on a two-point or multipoint basis and is intended for telegraph grade applications.

Low-Speed Data-Custom

A Custom Low-Speed Data channel may be provided upon request when parameters and/or features are not provided by the standard Low-Speed Data channels.

[1] When used as a control type channel, a CPE key may also be required.

### NOTICE

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## 5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.1 LOW-SPEED DATA SERVICE (Cont'd)

### C. Terms and Conditions

It is expressly declared that metallic facilities are in continually decreasing supply and the Company is not obligated to continue to provide such facilities. Due to facility rearrangements, continued use of metallic facilities may be denied to existing customers with no obligation on the Company's part to pay customer equipment rearrangement costs. The Company will give the customer reasonable notification of this type of facility rearrangements. Metallic facilities are provided only where existing facilities and operating conditions permit.

Any deviation from the established parameters on a given circuit will be handled on an individual case basis. All transmission measurements will be measured from the primary station.

- D. Optional Features and Functions
  - 1. Bridging:
  - a. McCulloh Bridging allows the connection of up to twenty-six customer premises. This bridging is only available with McCulloh Alarm-type service.
  - b. Telegraph Bridging allows the connection of three or more customer-designated premises.
  - c. Direct Bridging connects three or more customer-designated premises on the DC Channel.

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### **5.** SERVICES

#### 5.2 **SERVICE DESCRIPTIONS**

#### LOW-SPEED DATA SERVICE (Cont'd) 5.2.1

E. Service Information

End-to-End

SERVICE	CLASS OF SERVICE	NETWORK Channel Code
LS-31 Control Status	PYKAN	UY
LS-31 McCulloh Alarm Type	PYKMN	UY
LS-31 DC Channel[1]	PYKGN	UY
LS-31 Telegraph 0-75 Baud	PYKJN	UY
LS-31 Telegraph 0-150 Baud	PYKKN	UY
Custom	PYKCN	UN

Requests for new service will be provided on an intra-wire center basis only. Service in place prior to May 2, 1988 on an inter-wire center basis will be Grandfathered to the existing location. [1]

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## 5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS (Cont'd)**

#### 5.2.2 **VOICE GRADE SERVICE**

A. Basic Description

Voice Grade circuits are provided with a bandwidth of 300-3000 Hz designed to meet certain specifications based on Company standards of measurement for voice transmission, data transmission, remote metering, telephoto and miscellaneous signaling purposes. Such identification is not intended to limit a customer's use of the circuits or to imply that the circuit is limited to a particular use. These circuits are not suitable for the transmission of direct current pulses. The number of stations that may be connected and the distance over which transmission is possible may be limited by operating and transmission factors. Circuits are furnished as either two-wire or four-wire on a two-point or multipoint basis.

Information pertaining to the technical specifications and compatible channel interfaces is set forth in the Technical Publications listed under the Reference to Technical Publications preceding.

B. End-Link or Mid-Link Applications

This application is intended for customers requiring Private Line Transport as part of an overall circuit, extending beyond the LATA. Several Channel Performances are available to facilitate compatibility and a mechanized Design Layout Report (DLR) is available to the customer to assist in their overall design. The network channel interface between the Company facility and the remainder of the overall circuit is referred to as the Mid User-DP. The network channel interface that is at the terminating end of the overall circuit is referred to as the End User-DP. Following are the service categories that normally apply to the End-link or Midlink application.

- 1. Service Categories
  - VG2 Suitable for use as a voice two-point or multipoint private line and switched special service circuit. The transmission interfaces are either twowire or four-wire.

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## 5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.2 **VOICE GRADE SERVICE**

B.1. (Cont'd)

- VG3 Suitable for use as a two-point voice trunk-type circuit. The transmission interfaces are provided as either two-wire or four-wire.
- VG5 Suitable for use as a two-point or multipoint voice grade data alarm-type circuit. The transmission interfaces may be either two-wire or four-wire.
- VG6 Suitable for voice grade analog data circuits (applications may be limited). This service is provided on a two-point or multipoint basis. The transmission interfaces are provided on a four-wire basis only.
- VG7 Suitable for two-point use for a switched or nonswitched data circuit. The transmission interfaces may be either two-wire or four-wire.
- VG10 Suitable for a specialized simultaneous two-way voice grade analog data circuit that extends Digital Data Service (DDS) into areas without DDS facilities. This service is provided on a two-point or multipoint basis. The transmission interfaces are provided as either two-wire or four-wire.
- VG12 Suitable for specialized voice grade private line audio tone protective relaying circuit. High Voltage Power protection is required for provision of VG12 service. This service is provided on a two-point or multipoint basis. The transmission interfaces are provided as either two-wire or four-wire.

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5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.2 **VOICE GRADE SERVICE**

- B.1. (Cont'd)
  - Voice Grade W (WATS) (SE, SF)

WATS Access Line service provides a connection between an End User-DP or a Company Centrex switch and a WATS serving office. The WATS Access Line service is only provided in conjunction with Feature Groups C and D Switched Access Service (see Access Service Tariff, Section 6).

Usable frequencies are nominally 300 to 3000 Hz. The service extends from an End User-DP or a Company Centrex switch to a line-side termination at a WATS serving office. WATS Access Line service is provided as effective 2wire transmission.

C. End-to-End Application

This application is intended for customers requiring an overall Private Line Transport, furnished by the Company within the LATA. No DLR will be provided since the performance and maintenance will be the responsibility of the Company. The network channel interface at the terminating end of the overall circuit is referred to as the End User-DP. Following are the service categories that normally apply to the End-to-End application:

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

5.2.2 **VOICE GRADE SERVICE** 

- C. End-to-End Application (Cont'd)
  - 1. Service Categories
    - VG32 Suitable for use as a two-point or multipoint line-type circuit. The basic channel is modified with Channel Performance providing no signaling, loop-start, or automatic signaling. Data capability may be added to specific combinations of loop-start signaling circuits. The loop-start signaling option provides the additional capabilities of extending the signaling ranges and of offering repeated ringing for PBX station ports.
    - VG33 Suitable for use as a two-point trunk-type circuit. The basic channel is modified with Channel Performance providing no signaling, E&M or groundstart signaling. Data capability may be added to specific combinations of E&M or ground-start signaling circuits.
    - VG36 Suitable for use as a two-point or multipoint voice grade (analog) circuit. All channels are provided with basic data transmission parameters modified by the appropriate Channel Performance. Additional conditioning parameters may be added to the basic Channel Performance. These conditioning parameters allow the section of attenuation distortion/envelope delay and intermodulation distortion as needed.
- D. End-Link or Mid-Link and End-To-End Application
  - 1. Service Categories
    - Voice Grade Basic (VGB) A two-point and two-wire transmission service designed to provide a low cost communication path between two locations served from the same wire center. This service does not provide technical specifications or signaling. There is also no guarantee of dc continuity.
    - Voice Grade Custom (VGC) A voice grade service that may be "customized" by specifying any of the technical specifications for VG1 through VG12 or VG32 through VG36. The specifications and interfaces chosen must be compatible, technically feasible, and available.

VGC would be recommended when (1) a VG type does not meet a customer's criteria, (2) parameters from more than one VG type meets the customer's requirements or (3) the Company can provide according to the customer's specifications and the specifications are provided for in accordance with this Catalog.

### NOTICE

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## **5. SERVICES**

#### 5.2 SERVICE DESCRIPTIONS

#### 5.2.2 **VOICE GRADE SERVICE (Cont'd)**

- E. Optional Features and Functions
  - 1. Central Office Bridging Capability

Provides the capability to connect three or more customer designated premises. Various types of central office bridges are available as defined in the following.

a. Resistive Bridge

For use on two-wire and four-wire voice grade services connected for voice or data communications.

b. Bridge Lifter

A two-wire bridge capability that allows the connection of two stations to a single PBX or Centrex-type line.

c. Split Frequency Bridging

An arrangement that provides for a four-wire (master station) split frequency bridge and multiple two-wire (remote station) ports. This application provides multipoint voice-frequency data or tone signaling arrangements. Two-way polling communication between the master station and each remote station is intended. Transmission between remote stations is not available. The frequency band between the master station and the remote stations is separate from the frequency band between the remote stations and the master station. The customer must designate these bands when ordering.

d. Passive Bridging

An arrangement that provides for a two-wire (master station) common port and multiple two-wire (remote station) ports and is intended for data or tone signaling arrangements. Two-way polling communication between the master station and each remote station is intended. This service accommodates a maximum of ten-points.

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### **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.2 **VOICE GRADE SERVICE**

- E.1. (Cont'd)
  - e. Summation Bridging

An arrangement that provides for a two-wire (master station) common port and multiple two-wire (remote station) ports and is intended for data or tone signaling arrangements. One-way communication from each remote station to the master station is intended. The customer must insure that the combined power in the voice band of simultaneous data tones does not exceed -13dBm0.

2. Transfer Arrangement

A bridging arrangement that affords the customer an additional measure of flexibility in the use of their voice grade services. This bridge capability can be utilized to transfer Private Line Transport Services to another channel that terminates in either the same or a different customer designated premises. A key activated control service is required to operate the transfer arrangement and will be rated as a Low-Speed Data channel as found in 5.2.1.C.1., preceding. The key will be provided by the customer and located at their premises.

3. Conditioning

Conditioning provides enhanced transmission characteristics to each applicable Voice Grade service. These options allow the customer to specify attentuation distortion, envelope delay distortion, intermodulation distortion, or signal to Cnotched noise. The conditioning option applies to each Network Access Channel. Refer to the Optional Features and Functions Table in 13. following and the Reference to Technical Publication preceding.

4. Data Enhancement

Allows the customer to add data parameters to Voice Grade 32 and 33 services (i.e., for alternate voice/data type use).

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

5.2.2 **VOICE GRADE SERVICE** 

- E. Optional Features and Functions (Cont'd)
  - 5. Effective Four-wire Transmission with Two-Wire Interface (Hybrid)

This option allows the customer to specify, where applicable, that the Company provide a four-wire transmission path throughout the network up to the two-wire transmission interface. Equipment will be required at the customer's premises to convert the four-wire channel to the two-wire transmission interface.

6. Equal Level Echo Path Loss (ELEPL-2)

This option is available on an effective two-wire transmission at the four-wire DP. It provides for more stringent control of echo return loss and singing return loss. In order for this option to apply, the transmission path must be four-wire at one DP and two-wire at the other DP.

7. Improved Return Loss

This option is available on effective two-wire transmission, at the two-wire DP. It provides more stringent echo control specifications. In order for this option to apply, the transmission path must be four-wire at one DP and two-wire at the other DP.

8. Improved Termination

Where applicable this option provides a matching 600 ohm impedance at a fourwire DP, an extended range of customer specified levels (-16 to +7 TLP), and simplex reversal. This option requires Company equipment be placed at the customer designated premises.

9. Improved Transmission

When a customer requests the improved transmission option on a two-wire VGW Network Access Channel, the quality of the channel is improved over the standard service (e.g. better attenuation distortion).

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

5.2.2 **VOICE GRADE SERVICE** 

- E. Optional Features and Functions (Cont'd)
- 10. Data Channel Terminating Equipment

Data Channel Terminating Equipment (DCTE) is available for use on certain four-wire voice grade services. A customer powered DCTE unit is a standard provision whenever the customer specifies the DA interface code. The following options are available:

- The first option provides data equalization with central office powered 2713 Hz tone activated loop back relay. This option assists in providing service continuity during commercial AC power outages.
- The second option provides customer powered, customer selectable addressing and testing using a four digit DTMF (Dual Tone Multi-Frequency) code. The first three digits of this code select a unique station (up to 1000 different combinations) and the fourth digit selects one of three testing modes, which are: loop back, tone source or quiet termination. The customer may use the addressing and testing modes to sectionalize and terminate a station in trouble.
- 11. DDS Hub Off Network Extension

This option allows a customer a DDS hub connection in a multipoint configuration where the customer designated premises is not served by DDS compatible facilities. A digital to analog conversion is provided.

12. Customer Specified Levels

The customer may specify transmit and/or receive levels within ranges as delineated in the appropriate technical reference. This option applies to customer specified level(s) other than the recommended level(s) shown in the technical references.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

5.2.2 **VOICE GRADE SERVICE** 

E. Optional Features and Functions (Cont'd)

13. Optional Features and Functions Table

The following table shows the technical specifications packages with which the Optional Features and Functions are available.

	END-LINK OR MID-LINK					END-TO-END								
	C	2	3	5	6	7	10	12	W	C	32	33	36	B
CO Bridging														
Resistive	x	X		X	X		х	х		x	X		x	
Bridge Lifter	x	X							X	x	X			
Data Select-a-Station	X			X						x			X	
Split Frequency	X			x						x			X	
Passive	X			x						x			X	
Summation	X			x						x			X	
Transfer Arrangement	X	X	X	X	X	X	X			x	X	Х	X	
Conditioning														
C Cond.	X			X	X	X	Х							
Imp. ATTN.	X			X	X	X	Х							
Imp. EDD.	X			X	X	X	Х							
Data Capability	X				X	X	Х							
C1 Cond.										x			X	
C2 Cond.										x			X	
C4 Cond.										x			X	
D1 Cond.										x			x	
Data Enhancement										x	X	Х		
Data Channel Termi-														
nating Equipment	X			Х	Х		Х			x			X	
Customer Specified Levels	X	X	X	Х	Х	X	Х	Х	X	x	X	Х	X	
DDS Hub Off														
Network Extension	X						х			x			x	
Effective Four-Wire														
Transmission	X	X	X	Х		X								
Equal Level Echo														
Path Loss (ELEPL-2)	X	X	X	X		X								
Improved Return Loss	X	X	X			X								
Improved Termination	X	X	X	X	X	X	Х	Х						
Improved Transmission									X					
Power Protection	x	X	X	x	x	X	Х	Х		X	X	Х		x

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# 5. SERVICES

### 5.2 SERVICE DESCRIPTIONS

# 5.2.2 VOICE GRADE SERVICE (Cont'd)

F. Service Information

	SERVICE	CLASS OF SERVICE	NETWORK Channel Code
1. End-Link or Mid-Link	k		
	VG2	XZV29	LC
	VG3	XZV39	LD
	VG5	XZV59	LF
	VG6	XZV69	LG
	VG7	XZV79	LH
	VG10	XZVA9	LN
	VG12	XZVC9	LR
	VG Basic	XZ219	LZ
	Custom	XZVW9	LQ
	VG WATS	XZVT9	SE,SF
2. End-to-End			
	VG32	PYC2N	UC
	VG33	PYC3N	UD
	VG36	PYC6N	UG
	VG Basic	PYC1N	UZ

Custom

PYC9N

UQ

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS (Cont'd)**

#### 5.2.4 LOCAL AREA DATA SERVICE (LADS)

A. Basic Description

The Company will furnish Local Area Data Service, subject to availability of facilities, suitable for baseband transmission of digital data signals between two points within the same serving wire center area. Normal service is provided between two points that are not more than six route miles apart, as determined by the Company, using normal cable routing between the points to be served. Channel lengths in excess of three route miles per end from the wire center can be provided, however, a special construction charge will apply to deload and reload the cable to the original exchange specifications. The Company will not guarantee the noise and the insertion loss characteristics of circuits in excess of six route miles. Service is offered only for balanced transmission of data signals conforming to the signal power limitations and other parameters specified in the applicable Technical Reference. These circuits are furnished on either two-wire or four-wire non-loaded cable facilities.

Information pertaining to the technical specifications for this service is set forth in the Technical Publications listed under the Reference to Technical Publications, preceding.

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## **5. SERVICES**

### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.4 LOCAL AREA DATA SERVICE (LADS) (Cont'd)

- B. Service Category
  - LA A circuit suitable for data transmission over limited distances. This service is provided on a two-point basis only and is provided over metallic facilities. The transmission interfaces are provided on a two-wire or four-wire basis.
- C. Terms and Conditions

The customer must provide terminal equipment which converts DTE (Data Terminal Equipment) signals to a format suitable for transmission over the LADS circuit.

D. Service Information

SERVICE	CLASS OF SERVICE	NETWORK Channel Code
LA	XNDXN	LA

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS (Cont'd)**

#### 5.2.5 **AUDIO SERVICE**

A. Basic Description

Audio channels are provided for the transmission of non-broadcast program signals on a two-point or multipoint basis. The channels are furnished on a monthly basis for closed circuit (non-broadcast) transmission of voice and/or music signals in one direction only.

Audio channels are provided between customer designated premises or between customer designated premises and a Company wire center. The service arrangement is limited to the Audio service category and may not be combined with other Private Line Transport classes of service. The basic rate structure consists of the Network Access Channel, Channel Performance appropriate to the transmission level required and, if applicable, Transport Mileage from the appropriate mileage band. Service for broadcast audio purposes may be found in F.C.C. No. 1.

Information pertaining to the technical specifications and compatible channel interfaces is set forth in the Technical Publications listed under the Reference to Technical Publications preceding.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.5 **AUDIO SERVICE (Cont'd)**

B. End-to-End Application

This application is intended for customers requiring an overall Private Line Transport, furnished by the Company within the LATA. No Design Layout Report will be provided since the performance and maintenance will be responsibility of the Company. The network channel interface at the terminating end of the overall circuit is referred to as the End User-DP. Following are the service categories that normally apply to the End-to-End application:

Service Categories

- AP31 provides a non-equalized channel with a nominal bandpass from 200 to 3000 Hz.
- AP32 provides an equalized channel with a nominal bandpass from 100 to 5000 Hz.
- AP33 provides an equalized channel with a nominal bandpass from 50 to 8000 Hz.
- Custom a Custom Audio service may be requested on an individual case basis to meet specific customer needs not available with the standard Channel Performances.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.5 AUDIO SERVICE (Cont'd)

- C. Optional Features and Functions
  - Central Office Bridging Capability

Central Office Bridging (distribution amplifier) is offered for connection of multiple customer-designated premises of three or more.

D. Service Information

	SERVICE	CLASS OF SERVICE	NETWORK Channel Code
End-to-End			
	AP31 - 3.0 kHz AP32 - 5.0 kHz AP33 - 8.0 kHz Custom	APG3N APG5N APG8N APGZN	UE UE UE UP

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS (Cont'd)**

#### 5.2.6 **EXCHANGE SERVICE EXTENSIONS (NON-PBX)**

A. Basic Description

Channels which extend dial tone from a customer's serving wire center to a noncontinuous property station location. This service is available to either residence or business customers. PBX off premises stations are provided via a Voice Grade 32 circuit.

- B. Terms and Conditions
  - 1. Exchange Service Extension charges are in addition to other rates and charges applicable to the particular service involved.
  - 2. Extension service is provided only to individual lines which terminate at a different premises.
  - 3. When a customer subscribes to local service(s) and requests a Foreign Exchange (FX) Service extension, the service will be reconfigured. The FX Service becomes the primary service, with extension(s) connected to the FX Service.
  - 4. Rate Elements
    - Network Access Channel (NAC)
    - Channel Performance (CP)
    - Transport Mileage (TM)
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# **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.6 **EXCHANGE SERVICE EXTENSIONS (NON-PBX) (Cont'd)**

- C. Optional Features and Functions
  - 1. Central Office (CO) Relay (Key Arrangement)

This arrangement enables a customer to activate or deactivate ringing at either the main or extension location. To provide this capability, the following equipment is needed:

- CO Relay at the serving wire center, as specified in 6.2.6.E.
- Customer-provided key at the customer's premises.
- Low-Speed Data Channel (Control Channel) between the customer-provided key and the CO Relay, as specified in 6.2.1 following.
- D. Service Information

## **SERVICE**

# **NETWORK CHANNEL CODE**

**Off Premises Extension Line** 

UC[1]

[1] Interoffice only.

> NOTICE THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.

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5. SERVICES

# 5.2 SERVICE DESCRIPTIONS (Cont'd)

# 5.2.7 FOREIGN CENTRAL OFFICE SERVICE

A. Basic Description

Foreign Central Office (FCO) Service provides dial tone from a customer's serving wire center to a remote wire center in the same exchange. This service is available to either residence or business customers.

- B. Terms and Conditions
  - 1. FCO Service is offered on individual lines and trunk lines.
  - 2. FCO Service will obtain a line or trunk from the Exchange and Network Services Catalog. The Network Access Channel is also applicable.
  - 3. FCO Service is not in accord with the normal plan of furnishing telephone service and the Company does not obligate itself to furnish such service, particularly where it involves undue expense or impairment of the service furnished to the general public.
  - 4. Transport Mileage applies based on airline measurements from the wire center from which the customer actually is served to the serving wire center from which the customer would normally be served.
  - 5. FCO will not be provided on the same circuit as Foreign Exchange (FEX) Service.
  - 6. Rates and charges for all Optional Features and Functions are as specified in the appropriate catalog.
  - 7. Directory Listings
    - a. One directory listing will be provided for FCO Service in the wire center where the customer's dial tone is obtained.
  - b. Additional listings will be furnished at regular rates and charges as specified in the Exchange and Network Services Catalog, Section 5.
  - 8. Message toll rates are applicable in connection with FCO Service when calls are placed to telephone numbers outside the local calling area of the dial tone wire center.

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# **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

- 5.2.7 FOREIGN CENTRAL OFFICE SERVICE
- B. Terms and Conditions (Cont'd)
  - 9. Rates and Conditions associated with Directory Assistance apply and are set forth in the Exchange and Network Services Catalog, Section 6.
  - 10. Use of service limitations applies to FCO Service, as delineated in the appropriate catalog.
  - 11. The rates for individual line service and trunk lines are those in effect in the serving (foreign) central office.
- 12. In the case of Centrex main station lines, the basic secondary location Centrex station line rate schedule will apply at each FCO station location in addition to mileage and/or incremental charges.
- 13. Rate Elements
  - Exchange Service Element
  - Network Access Channel (NAC)
  - Channel Performance (CP)
  - Transport Mileage (TM)
- C. Service Information

SERVICE	NETWORK CHANNEL CODE
Foreign Central Office Line	UC
Foreign Central Office Trunk	UC

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5. SERVICES

# 5.2 SERVICE DESCRIPTIONS (Cont'd)

## 5.2.8 **TELEPHONE ANSWERING SERVICE**

- A. Basic Description
  - 1. A Telephone Answering Service circuit provides access to any individual or firm offering a telephone answering service (TAS) to a number of customers as a general undertaking.
  - 2. An individual or firm will be considered as a Telephone Answering Service Bureau for the application of conditions and rates and charges, if any of the following criteria is met:
  - a. Answers a number of telephone lines for other firms or individual patrons or answers calls referred through directory listings for a number of patrons.
  - b. Furnishes an answering service to one or more patrons located outside of the same building in which the answering equipment is located.
  - c. Offers telephone answering service to the general public by advertising in any telephone directory or other publication.
  - d. Requires one or more administrative telephone lines and associated directory listings, indicating telephone answering service is provided.
  - e. Contracts to answer the telephone lines of patrons or takes calls through directory listings on a 24-hour basis.
- B. Terms and Conditions
  - 1. It is expressly declared that metallic facilities are in continually decreasing supply and the Company is not obligated to continue to provide such facilities. Due to facility rearrangements, continued use of metallic facilities may be denied to existing customers with no obligation on the Company's part to pay customer equipment rearrangement costs. The Company will give the customer reasonable notification of this type of facility rearrangements. Metallic facilities are provided only where existing facilities and operating conditions permit.
  - 2. The TAS bureau is required to contract for the telephone answering service described herein, and in addition is required to subscribe for regular business exchange service, either flat or measured but not a combination of both. The service of the TAS patron must be one-party line, two-party line or trunk line service.

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# **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

5.2.8 **TELEPHONE ANSWERING SERVICE** 

- B. Terms and Conditions (Cont'd)
  - 3. Lines for connecting the telephone service of the TAS patrons with the answering equipment of the TAS bureau, are known as telephone answering service lines, which are furnished for answering incoming calls only. Such lines may not be used by the TAS bureau for making outgoing calls or for communication between the TAS bureau and its patrons.
  - 4. TAS patrons may have flat or measured business line service terminated directly in a TAS bureau where facilities permit. These services so terminated are limited to incoming use only. Regular flat or measured business line rates will apply, as specified in the Exchange and Network Services Catalog.
  - 5. TAS patrons may have flat or measured business line service terminated in a jack on the TAS bureau premises. The primary function of such a line is for receiving messages for a patron who is absent from the Telephone Answering Service location for the greater part of the patron's business day.
  - 6. All rates and charges quoted herein for Telephone Answering Service assume that the Company will not be required to provide unusually large amounts of cable facilities required for this type of service at a location remote from its serving wire center or in areas in the exchange where the cable required to provide telephone answering service would not have a normal usage for other services if the telephone answering service were discontinued at such a location. For the purpose of administering this condition, no extra charge will be applicable if the TAS bureau is located within one airline mile of the serving wire center. If the TAS bureau is located more than one airline mile from the serving wire center, special charges will be applicable depending upon the circumstances in each case.
  - 7. When a TAS bureau moves to a different premises within the same exchange, the TAS bureau will be assessed the charges applicable to the reestablishment of all services moved to the new location. These charges include all charges applicable to the telephone answering service lines and business patron service lines reterminated in the TAS bureau answering equipment.
  - 8. When the TAS patron is served out of the same serving wire center as the TAS bureau, the TAS patron is responsible for rates and charges associated with Network Access Channel and Channel Performance.

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# **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

5.2.8 **TELEPHONE ANSWERING SERVICE** 

- B. Terms and Conditions (Cont'd)
  - 9. When the TAS patron is served from a serving wire center different than the serving wire center of the TAS bureau, the TAS patron is responsible for rates and charges associated with Transport Mileage in addition to the rates and charges for Network Access Channel and Channel Performance(s).
  - 10. Telephone Answering Service Providing Secrecy (Half-Tap)

This arrangement denotes telephone answering service patron lines terminating in a Telephone Answering Service switchboard equipped for answering calls on a ringing impulse basis only.

11. Telephone Answering Service with Privacy (Key Arrangement)

This arrangement denotes telephone answering service patron lines terminating in a Telephone Answering Service switchboard that uses facilities and CO relays to insure privacy. To provide privacy the following equipment is needed:

- CO Relay at the serving wire center, as specified in 6.2.8.E.
- CPE Key at the patron's premises.
- Low-Speed Data Channel (Control Channel) between the CPE Key and the CO Relay, refer to 6.2.1 following.

Rates and charges for the CO Relay and the Low-Speed Data Control Channel are billed to the patron.

- 12. Rate Elements
  - Network Access Channel (NAC)
  - Channel Performance (CP)
  - Transport Mileage (TM)
- C. Service Information

SERVICE

Secretarial Line

**NETWORK CHANNEL CODE** 

UC[1]

Interoffice only. [1]

NOTICE

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.10 **DIGITAL DATA SERVICE (DDS)**

A. Basic Description

Digital Data Service (DDS) is provided on a two-point or multipoint, four-wire basis for 2.4, 4.8, 9.6, 19.2 and 56 kbit/s transmission of synchronous serial data. DDS is also provided at 64 kbit/s, on a two-point only basis. Subrated DS0 Service is also available. The actual bit rate is a function of the channel interface selected by the customer. The circuit provides a synchronous service, with timing provided by the Company through the Company's facilities to the customer in the received bit stream. DDS circuits are provided between customer designated premises, between a customer designated premises and a Company Hub or designated digital wire center, or between Company Hubs or designated digital wire centers.

A Subrated DS0 Service (HCO) transports multiple subrate digital data channels, i.e., twenty 2.4, ten 4.8, or five 9.6 kbit/s, between Digital Data Hubs.

When 64 kbit/s is multiplexed onto a DS1 Service, the DS1 Service must be optioned for Clear Channel Capability. The customer must specify the appropriate Network Channel Interface (NCI) and Network Channel (NC) codes.

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## 5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS**

5.2.10 **DIGITAL DATA SERVICE (DDS)** 

A. Basic Description (Cont'd)

Information pertaining to the technical specifications and compatible channel interfaces is set forth in the Technical Publications listed under the Reference to Technical Publications preceding.

In a multipoint configuration where a customer location is not served by Digital Data Service (DDS) compatible facilities, a Voice Grade channel may be used to connect that customer location. This Voice Grade DDS Off Network Extension will have the Channel Performance associated with the Voice Grade channel. For End-Link or Mid-Link Applications this will be Voice Grade 10 (LN) and for End-to-End Applications this will be Voice Grade 36 (UG).

B. End-Link or Mid-Link Application

This application is intended for customers requiring Private Line Transport as part of an overall circuit, extending beyond the LATA. Several Channel Terminations are available to facilitate compatibility and a mechanized Design Layout Report (DLR) is available to the customer to assist in their overall design. The network channel interface between the Company facility and the remainder of the overall circuit is referred to as the Mid User-DP. The network channel interface that is at the terminating end of the overall circuit is referred to as the End User-DP. Following are the service categories that normally apply to the End-link or Midlink application.

1. Service Categories

Digital Data Service is designed to provide an average performance exceeding 99.5% error-free seconds for operation at the following speeds:

- 2.4 kbit/s
- 4.8 kbit/s
- 9.6 kbit/s
- 19.2 kbit/s
- 56 kbit/s
- 64 kbit/s

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# 5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.10 **DIGITAL DATA SERVICE (Cont'd)**

C. End-to-End Application

This application is intended for customers requiring an overall Private Line Transport, furnished by the Company within the LATA. No Design Layout Report will be provided since the performance and maintenance will be the responsibility of the Company. The network channel interface at the terminating end of the overall circuit is referred to as the End User-DP. Following are the service categories that normally apply to the End-to-End application:

1. Service Categories

Digital Data Service is designed to provide an average performance exceeding 99.5% error-free seconds for operation at the following speeds:

- 2.4 kbit/s
- 4.8 kbit/s
- 9.6 kbit/s
- 19.2 kbit/s
- 56 kbit/s
- 64 kbit/s

## D. Rate Categories

There are three basic rate categories which apply to Digital Data Service.

- Channel Termination
- Transport Mileage
- Optional Features and Functions
- 1. Channel Termination

The Channel Termination rate category provides for the communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Demarcation Point (DP). One Channel Termination charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are collocated in the same building.

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5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.10 **DIGITAL DATA SERVICE**

D. Rate Categories (Cont'd)

2. Transport Mileage

Transport Mileage is as described in 5.1.2, preceding.

- 3. Optional Features and Functions
- a. Bridging

Bridging is an arrangement within Digital Data Hub(s) to connect three or more customer designated premises to form multipoint configurations. It permits a customer to transmit communications from one location to many locations simultaneously and/or receive communications at a single location from many locations. It is not available with 64 kbit/s or Subrated DS0.

b. Secondary Channel

Secondary Channel provides an independent lower rate channel which allows diagnostic, maintenance and network administration capabilities. This enhancement is available for 4.8, 9.6, 19.2 and 56 kbit/s for two-point and multipoint arrangements. The offering is contingent upon equipment and facility availability.

Secondary Channel service does not constitute a 64 kbit/s Clear Channel Capacity nor shall the offering of Secondary Channel service obligate the Company to provision it using any specific 64 kbit/s Clear Channel Capability protocols.

When the control leg of a multipoint 56 kbit/s circuit with Secondary Channel is multiplexed onto a DS1 Service, the DS1 Service must be optioned for Clear Channel Capability.

Customer provided equipment interfacing with Secondary Channel service arrangements must be designed in accordance with appropriate technical specifications.

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5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.10 **DIGITAL DATA SERVICE**

- D.3. (Cont'd)
  - c. Central Office DS0 to Subrate (DS0B to DS0A Subrate) Multiplexing

An arrangement that provides a Company multiplexer which converts a Subrated DS0 (DS0B) channel containing up to twenty 2.4 kbit/s, ten 4.8 kbit/s, or five 9.6 kbit/s channels into individual 2.4, 4.8, or 9.6 kbit/s circuits, each utilizing time division multiplexing. Where available, this option may be applied to both the DS1 to Voice/Data channel and DS1 to DS0 channel multiplexing options, as specified under DS1 Service.

The placement of DDS and/or SVDS onto a DDS Central Office DS0 to Subrate Multiplexer will only be provided in Digital Data Hubs.

- d. Central Office Multiplexer to Multiplexer Connecting Arrangement
- (1) Subrate to Subrate

An arrangement that allows a customer to connect an individual channel from one DS0 to Subrate Multiplexer to an individual channel of another DS0 to Subrate Multiplexer, at 2.4, 4.8 or 9.6 kbit/s, within the same Digital Data Hub.

In addition, this arrangement allows a customer to connect an individual channel from one DS0 to Subrate Multiplexer to an individual channel of another DS0 to Subrate Multiplexer located in a different Digital Data Hub, at 2.4, 4.8 or 9.6 kbit/s. Transport Mileage applies between Digital Data Hubs.

(2) DS0 to DS0

An arrangement that allows a customer to connect an individual channel from one DS1 to DS0 Multiplexer to an individual channel of another DS1 to DS0 Multiplexer, within the same Digital Data Hub. In addition this arrangement can be used to allow a customer to connect an individual channel from one DS1 to Voice Multiplexer to an individual channel of another DS1 to Voice Multiplexer, within the same Digital Data Hub. DS0 to DS0 can be used for 2.4, 4.8, 9.6, 19.2, 56 and 64 kbit/s and Subrated DS0 Service. DS0 to DS0 with Secondary Channel can be used for 4.8, 9.6, 19.2 and 56 kbit/s.

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5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.10 **DIGITAL DATA SERVICE**

D.3.d.(2) (Cont'd)

In addition, this arrangement allows a customer to connect an individual channel from one DS0 to DS0 Multiplexer to an individual channel of another DS0 to DS0 Multiplexer located in a different Digital Data Hub. Transport Mileage applies between Digital Data Hubs.

(3) When a Central Office Multiplexer to Multiplexer Connecting Arrangement is made within the same Digital Data Hub, only one arrangement will apply. When a Central Office Multiplexer to Multiplexer Connecting Arrangement is made in different Digital Data Hubs, one arrangement will apply for each Digital Data Hub. Transport Channel Mileage will also apply. For example, a customer wants to connect one 2.4. kbit/s channel on a DS0 to Subrate Multiplexer from Digital Data Hub A to a DS0 to Subrate Multiplexer in Digital Data Hub B. The customer would pay for two Central Office Multiplexer to Multiplexer Connecting Arrangements and Transport Mileage as set forth in Section 6, following.

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#### 5.2 **SERVICE DESCRIPTIONS** 5.2.10 **DIGITAL DATA SERVICE (Cont'd)**

E. Service Information

	CLASS OF
SERVICE	SERVICE

1. End-Link or Mid-Link

month-to-month	XZLM9
36 - 59 months	XZL39
60 months	XZL59

2. End-to-End

month-to-month	DZEMN
36 - 59 months	DZE3N
60 months	DZE5N

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5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.10 DIGITAL DATA SERVICE (Cont'd)

# F. Rate Regulations

This section contains specific regulations governing the rates and charges for DDS. There are two types of rates and charges. These are monthly rates and nonrecurring charges described as follows.

1. Monthly Rates

Monthly rates are flat rates that apply each month or fraction thereof that service is provided. These rates apply on a monthly basis. For billing purposes, each month is considered to have thirty days.

2. Nonrecurring Charges

Nonrecurring charges are onetime charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for DDS are:

- Service Provisioning Charge (Initial and Subsequent), as specified in 3.2.2
- Channel Termination
- Installation of Optional Features and Functions as specified in 3.2.2
- Service Rearrangements

Special construction charges may also apply, as defined in Qwest Corporation Tariff, F.C.C. No. 2.

a. Channel Termination

A nonrecurring charge applies for the installation of each Channel Termination and includes its predefined technical specifications and the facilities from the customer designated premises to the Serving Wire Center.

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5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.10 **DIGITAL DATA SERVICE** F.2. (Cont'd)

b. Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum billing period requirements as set forth in 2.4.2, preceding, or a change in the physical location of the Channel Termination at a customer designated premises. The charge to the customer for service arrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service. Changes which result in the establishment of new minimum billing period obligations are treated as disconnects and new connects. Changes in the physical location of the Channel Termination are treated as moves and are described and charged for as set forth in 3.2.2.J., preceding.

Service rearrangements will be charged for as follows and the appropriate Service Provisioning charge will apply in addition:

- If the change involves the addition of another leg to an existing service, the nonrecurring charge for the Channel Termination will apply. The charge will apply only for the leg that is being added.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves the changing of the data transmission rate (e.g., a change from 2.4 to 9.6 kbit/s), it will be treated as a discontinuance of the existing service and the installation of a new service.
- If the change involves changing jurisdiction from interstate to intrastate on End-Link or Mid-Link services, all nonrecurring charges will apply. This change will be treated as a discontinuance of the existing service and the installation of a new service.
- For all other changes, including the addition of optional features and functions without separate nonrecurring charges, a charge equal to the Channel Termination nonrecurring charge associated with the facility, will apply.

If the change involves re-terminating an existing Digital Data Service Channel Termination onto a spare channel of a higher capacity service, only the Rollover nonrecurring charge will apply, as specified in 3.2.2.L., following.

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5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.10 **DIGITAL DATA SERVICE**

- F. Rate Regulations (Cont'd)
  - 3. Discount Pricing

As an alternative to month-to-month rates customers may elect a discount pricing arrangement.

- a. Each customer will be required to sign a contractual agreement for the furnishing of services on a discount pricing basis.
- b. When more than one local exchange telephone company (i.e., Owest Corporation and another local exchange company) is involved in the provision of a service, discount pricing applies only to the Channel Termination(s) and Optional Features and Functions which are provided by the Company.
- Discount pricing is determined by the length of the term of the agreement. The с contract period shall be not less than thirty-six months or more than sixty months.
- d. The nonrecurring charges, for circuits(s) installed under a discount pricing agreement, are not included under the contract and are those specified in the current catalog.
- e. For customers that subscribe to a discount pricing agreement, the monthly rates for the entire term of the agreement will be exempt from Company-initiated increases, to the rates in effect, in the catalog, for the discount period on the date the contract is signed by the customer and the Company.

If the rates decrease between the date the contract is signed and the date the service is installed, the customer will be billed the lower rate.

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# 5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.10 **DIGITAL DATA SERVICE**

F.3. (Cont'd)

- f. If an Optional Feature is added to a circuit that is under an existing discount agreement, the feature is rated based on the length of the original discount agreement.
- g. Services rated under month to month billing may be upgraded to a discount pricing agreement at any time the customer chooses without incurring nonrecurring or discontinuance charges.
- h. A customer may renegotiate from an existing discount agreement to a new discount agreement at any time, with the condition that the new agreement period must equal or exceed the number of months remaining in the existing agreement.
- i. Customers with service under a discount pricing agreement that is within 6 months of expiration may extend their discount pricing agreement rates for a period of 12 months, by notifying the Company in writing of their intent to do so. The 12 month extension will begin upon expiration of the existing discount pricing agreement. Extension of an existing discount pricing agreement is available only for the original customer of record of the service.

At the end of the discount pricing agreement or of the extension (whichever is applicable), the customer must choose to:

- Renew the service under a new discount pricing agreement,
- Continue service under the month to month option,
- Or discontinue service.

If the customer renews the service, the monthly rates for a new discount pricing agreement will be the rates in effect, in the Catalog, on the renewal date. Should the customer not make a choice by the end of the existing discount pricing agreement or extension period, the rates will automatically revert to the month to month option.

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5. SERVICES

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.10 DIGITAL DATA SERVICE

F.3. (Cont'd)

- j. A customer wanting to continue service beyond the end of the discount pricing period may elect to extend the agreement for a period not to exceed twelve months, renegotiate a new discount pricing agreement, or continue service at the then current effective catalog rates.
- k. A termination charge will apply if a customer falls below 80% of the billing level of the agreement. The termination charge will be 40% of the difference between the 80% billing level and the current billing amount. This charge will be assessed on a monthly basis until the customer adds sufficient service to again meet the 80% billing level or until they terminate the agreement.

If a customer completely cancels all or a portion of the contracted service at any time during the term of the agreement, a termination charge applies and is calculated as specified following:

80% of		40%		Annuity		All		Termination
the	Х		Х	Factor[1]	+	Billed	=	Charge
Monthly						but Unpaid		-
Rate for						Recurring		
Service						and Non-		
Terminated						recurring		
						Charges		

[1] The annuity factor will be determined by a standard annuity table based on an effective percentage rate that reflects the appropriate Company cost of money; and the number of months remaining in the term of this Agreement.

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# **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS (Cont'd)**

## 5.2.11 DS1 SERVICE

A. Basic Description

DS1 Service provides for the two-way transmission of 1.544 Mbit/s digital signals, on a point-to-point basis only. DS1 Service can be provisioned on copper, fiber, or other suitable facilities, at the discretion of the Company. DS1 Service may be used for the transmission of voice, data, and video signals, or any combination thereof. DS1 Service is provided between two customer designated premises, between a customer designated premises and a Company Serving Wire Center, or between Company Serving Wire Centers. When DS1 Service is requested between two Company Serving Wire Centers, Central Office Multiplexers must also be ordered on each end (i.e., each Serving Wire Center) of the DS1 circuit, and a Private Line Transport service must be ordered from each Central Office Multiplexer to the customer premises.

DS1 Service may also be provided without framing. A Free-Framed DS1 signal shall have electrical characteristics identical to the framed 1.544 Mbit/s signals for DS1 Service with B8ZS, except for the lack of an apparent Frame Format. Free-Framing is not compatible with multiplexed DS1 Service. Free-Framed DS1 can only be provided where suitable equipment is available.

Information pertaining to the technical specifications and compatible channel interfaces is set forth in the Technical Publications listed under the Reference to Technical Publications, preceding.

All Frame Format and line code combinations found in the Technical Publication are available for DS1 Service provisioned as point-to-point, or as Central Office multiplexed service.

B. Terms and Conditions

The terms and conditions specified in the DS1 Service Agreement, apply, in addition to the regulations set forth here and under General Regulations, Section 2, preceding.

- 1. Availability
  - DS1 is available only on a two-point basis, twenty-four hours per day, seven days a week.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.11 **DS1 SERVICE**

B.1. (Cont'd)

- DS1 Service can only be provided from a wire center equipped for digital transmission and is subject to the technical limitations of the central office equipment used by the Company.
- Where suitable facilities are unavailable for provision of the service, special construction of the facilities may be necessary and will be charged for as specified in Qwest Corporation Tariff, F.C.C. No. 2.
- A customer may request that the facilities used to provide DS1 Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity) are as set forth in Access Service Tariff, Section 11.
- 2. Credit Allowance for Service Interruptions

Credit allowance terms and conditions specified in this section are in addition to those specified in 2.4.3, preceding.

For DS1 Self-Healing Alternate Route Protection (SHARP), out of service credit will apply when the customer experiences a service interruption and the system fails to switch to the protected electronics and/or facilities within one second. The protected electronics and/or facilities are between the Company Demarcation Point located on the customer premises and/or the Company Wire Center(s) associated with the SHARP option. In the event of a service interruption, one month's billing credit of the protected service will be given. Such credit will apply to the Channel Termination and the Self-Healing Alternate Route Protection (SHARP) rate element for SHARP protected service. Credit will be limited to a maximum of one month for an interruption or series of interruptions within that month.

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.11 **DS1** SERVICE

B. Terms and Conditions (Cont'd)

3. Payment Options

DS1 Service is offered on a month to month basis and on one through seven year Fixed Period Rate Plans as specified in G.4, following.

4. Route Discounts

Route discounts are available for customers who purchase multiple, identical DS1 circuits between the same two customer designated premises (i.e., circuits must terminate at the same address). Route discounts are applicable only on the Channel Termination and Transport Mileage rate elements. The rates, as specified in 6.2.11 following, include the route discounts.

5. Custom Offering

If the standard service, as described and offered, does not meet a particular customer requirement, the customer may request and the Company may develop a Custom offering. The service, performance and/or optional features will be developed and rated on an individual case basis.

6. Service Guarantee

Service Guarantee - Repair, as specified in 2.4.3.B.5., preceding, and Service Guarantee - Provisioning, as specified in 3.2.2.L., preceding, do not apply for Free-Framed DS1 Service.

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.11 **DS1 SERVICE (Cont'd)**

C. End-link or Mid-link Application

This application is intended for customers requiring DS1 as part of an overall circuit extending beyond the Local Access Transport Area (LATA). A Design Layout Report (DLR) is available to the customer to assist in their overall design. The network channel interface between the Company facility and the remainder of the overall circuit is referred to as the Mid User DP. The network channel interface that is at the terminating end of the overall circuit is referred to as the End User DP.

D. End-to-End Application

This application is intended for customers requiring a DS1 service provided by the Company within the Local Access and Transport Area (LATA). No Design Layout Report (DLR) will be provided since the performance and maintenance will be the responsibility of the Company. The network channel interface at the terminating end of the overall circuit is referred to as the End User DP.

E. Rate Categories

There are three basic rate categories which apply to DS1 Service:

- Channel Termination
- Transport Mileage
- Optional Features and Functions

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.11 **DS1** SERVICE

- E. Rate Categories (Cont'd)
  - 1. Channel Termination

The Channel Termination provides for the communications path between the Demarcation Point at the customer designated premises, and the Serving Wire Center of that premises. One Channel Termination charge applies per DS1 terminated at the Demarcation Point. This charge will apply even if the customer designated premises and the Serving Wire Center are colocated in the same building.

If a customer provides the Channel Facility Assignment (CFA) for the multiplexer of a higher capacity service, the DS1 Channel Termination charge does not apply between the Serving Wire Center and the customer's designated premises, connected by the higher capacity service.

- For example, if an end user wants to connect to an Interexchange Carrier's (IC) Point Of Presence (POP), and the IC provides CFA, the DS1 Channel Termination connecting the Serving Wire Center to the IC POP is not billed because the IC is already paying for that connection, via the higher capacity service. If the IC does not provide CFA, then the Company must provide the connection from the Serving Wire Center to the IC POP and the DS1 Channel Termination applies.
- 2. Transport Mileage

The Transport Mileage provides for the transmission facilities between the Serving Wire Centers associated with two customer designated locations. Transport Mileage is portrayed in mileage bands. There are two rate elements that apply for each band i.e., a fixed rate per band and a rate per mile. Transport Mileage is measured by airline miles between Serving Wire Centers via the V and H Coordinates Method, as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. No. 4.

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**5. SERVICES** 

#### 5.2 SERVICE DESCRIPTIONS

#### 5.2.11 **DS1** SERVICE

- E. Rate Categories (Cont'd)
  - 3. Optional Features and Functions

Optional features and functions available where determined by the Company to be technically feasible.

- a. Central Office Multiplexing
- (1) DS1 to Voice/Data

An arrangement that provides a Company multiplexer, in a Company central office, which converts a 1.544 Mbit/s channel to twenty-four 64 kbit/s channels. The twenty-four channels may be used for the provision of Private Line Transport Voice or Data applications.

- SuperFrame format with AMI line code
- SuperFrame format with B8ZS line code
- Extended SuperFrame format with AMI line code
- Extended SuperFrame format with B8ZS line code
- (2) DS1 to DS0

An arrangement that converts a 1.544 Mbit/s DS1 channel to twenty-four 64 kbit/s DS0 channels utilizing time division multiplexing. The twenty-four channels are used for Digital Data Services. This option is provided with the following network channel interfaces:

- SuperFrame format with AMI line code
- SuperFrame format with B8ZS line code
- Extended SuperFrame format with AMI line code
- Extended SuperFrame format with B8ZS line code

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# **5. SERVICES**

**SERVICE DESCRIPTIONS** 5.2

#### 5.2.11 **DS1 SERVICE**

# E.3. (Cont'd)

b. Central Office Multiplexer to Multiplexer Connecting Arrangement

This arrangement allows a customer to connect an individual DS1 channel from one multiplexer to an individual DS1 channel of another multiplexer, within the same Company serving wire center. In addition, this arrangement can be used to connect an individual DS1 channel of one multiplexer to an individual DS1 channel of another multiplexer, located in a different Company serving wire This feature may be optioned for the Bipolar with Eight Zero center. Substitution (B8ZS) line code.

When a Central Office Multiplexer to Multiplexer Connecting Arrangement is made within the same serving wire center, only one arrangement will apply. When a Central Office Multiplexer to Multiplexer Connecting Arrangement is made in different serving wire centers, one arrangement will apply for each serving wire center. Transport Mileage, if applicable, will also apply. For example, a customer who wants to connect one 1.544 Mbit/s channel on a DS3 to DS1 Multiplexer from serving wire center A to a DS3 to DS1 Multiplexer in serving wire center B, would pay for two Central Office Multiplexer to Multiplexer Connecting Arrangements and Transport Mileage as set forth in 6.2.11, following.

c. Clear Channel Capability

An arrangement that allows a customer to transport any framed sequence of binary ones and zeros through a 1.544 Mbit/s channel.

• Bipolar with Eight Zero Substitution (B8ZS) Option

This option requires the customer signal at the channel interface to conform to This option allows B8ZS line code the B8ZS line code algorithm. transmission through the network without being transcoded.

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**5. SERVICES** 

5.2 **SERVICE DESCRIPTIONS** 5.2.11 **DS1 SERVICE** 

E.3. (Cont'd)

d. Central Office Connecting Channel

The Central Office Connecting Channel provides for connections within the same serving wire center between one customer leased DS1 Channel and a different customer leased DS1 channel provided by the Company (e.g., two like services installed as two separate services). One Central Office Connecting Channel charge applies per connection made.

e. Automatic Loop Transfer (Automatic Protection Switching)

The Automatic Loop Transfer option provides against failure of metallic facilities between a customer designated premises and the Serving Wire Center for the premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare DS1 when the working DS1 fails. The spare DS1 is not included as a part of this option, and is charged for in addition to this option. This option requires compatible equipment at both the Serving Wire Center and the customer premises. The customer is responsible for providing the equipment at its premises. This feature is not available with channel having the B8ZS line code.

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## **5. SERVICES**

5.2 **SERVICE DESCRIPTIONS** 5.2.11 **DS1 SERVICE** E.3. (Cont'd)

f. Self-Healing Alternate Route Protection (SHARP)

SHARP provides added reliability to DS1 Service transported over fiber facilities. This feature provides a separate facility path to avoid any single point of failure for the protection system between the Serving Wire Center and the Company Demarcation Point, located in the same building as the customer designated premises, when the customer or building owner provides the structure for diverse entrance facilities into the building. In those instances where the customer or building owner requests the SHARP Option but does not provide the structure for diverse entrance facilities into the building, this feature provides a separate facility path for the protection system between the first utility vault outside the Serving Wire Center (generally all facilities leave a wire center, to the first utility vault within the same conduit, cable, sheath, etc.) and the last terminal prior to the customer's premises.

The added protection is provided by ensuring that backup electronics and two physically separate facility paths are used in the provisioning of the service. A primary (or working) service path is established between the Serving Wire Center and the customer designated premises. A secondary (or protect path) is provisioned between the customer designated premises and the Serving Wire Center via a Company designated Alternate Wire Center. Should the working path or electronics fail, or the service performance become impaired (i.e., the bit error rate degenerates to less than or equal to 10 to the minus 6 for a period of 10 consecutive seconds) the DS1 Service will automatically switch to the service protect path in order to maintain a near continuous flow of information between locations.

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## **5. SERVICES**

5.2 **SERVICE DESCRIPTIONS** 5.2.11 DS1 Service E.3.f. (Cont'd)

> Due to constraints of the local network architecture as determined by the Company, there may be occasions where the service will be provisioned without the use of an Alternate Wire Center.

> The offering of SHARP contemplates the use of existing facilities. There may be occasions where the SHARP option is not available due to facilities limitations, or where it may be necessary to construct such facilities, either as normal or Special Construction. If Special Construction is involved using a route or type of facility other than that which the Company would normally use, an additional charge to the recurring monthly rates for service, is applicable. The charge is equal to the difference between the charges of the specially constructed facilities and the recurring cost of the facilities the Company would have normally used. The additional charges will be designed to recover the additional costs over the requested service period of the Special Facilities Routing in order to allow all rates and charges to expire consecutively.

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**5. SERVICES** 

5.2 **SERVICE DESCRIPTIONS** 5.2.11 **DS1 SERVICE** 

E.3. (Cont'd)

g. Command A Link

This option allows the customer to control the reconfiguration of a Private Line Transport Service (digital or analog) on a near real-time basis, by means of the special provisioning of these services through a digital crossconnect device. Command A Link can accommodate the termination of circuits up to the 64 kbit/s[1], 1.544 Mbit/s[2], and 44.736 Mbit/s[3] signal levels. Customer access to the reconfiguration capability is on the basis of a dial access arrangement. Terms and conditions, rates and charges for Command A Link are specified in 4.1.18, preceding.

Command A Link is available only in selected serving wire centers.

- [1] Applicable to Voice Grade and Digital Data Service.
- Applicable to Voice Grade, Digital Data, and DS1 Services. [2]
- [3] Applicable to DS1 and DS3 Service.

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# **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.11 **DS1 SERVICE (Cont'd)**

F. Service Information

	CLASS OF	NETWORK
SERVICE	SERVICE	CHANNEL CODE

1. End-Link or Mid-Link Application

# 1.544 Mbit/s

- Month-to-month	HS1M9	HC++
- 1 year	HS119	HC++
- 2 year	HS129	HC++
- 3 year	HS139	HC++
- 4 year	HS149	HC++
- 5 year	HS159	HC++
- 6 year	HS169	HC++
- 7 year	HS179	HC++

# 2. End-to-End Application

- Month-to-month	HS1MN	HC++
- 1 year	HS11N	HC++
- 2 year	HS12N	HC++
- 3 year	HS13N	HC++
- 4 year	HS14N	HC++
- 5 year	HS15N	HC++
- 6 year	HS16N	HC++
- 7 year	HS17N	HC++

THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.11 **DS1 SERVICE (Cont'd)**

G. Rate Regulations

This section contains specific regulations governing the rates and charges for DS1 Service. There are two types of rates and charges. These are monthly rates and nonrecurring charges described as follows.

1. Monthly Rates

Monthly rates are flat rates that apply each month or fraction thereof that service is provided. These rates apply on a monthly basis. For billing purposes, each month is considered to have thirty days.

2. Nonrecurring Charges

Nonrecurring charges are onetime charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for DS1 Service are:

- Channel Termination Initial and Subsequent
- Transport Mileage
- Installation of Optional Features and Functions as specified in 3.2.2
- Service Rearrangements

Special construction charges, as defined in Qwest Corporation Tariff, F.C.C. No. 2, may also apply. Customers who order service under a Custom Arrangement, as defined in 3.2.3, preceding, may incur additional nonrecurring charges as identified in each individual case.

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**5. SERVICES** 

5.2 SERVICE DESCRIPTIONS 5.2.11 **DS1 SERVICE** 

G.2. (Cont'd)

a. Channel Termination - Initial and Subsequent

An Initial or Subsequent nonrecurring charge applies for the installation of each Channel Termination and includes its predefined technical specifications and the facilities from the customer designated premises to the Serving Wire Center.

The Initial nonrecurring charge applies for work to be performed on one Channel Termination, at a customer designated premises. The initial nonrecurring charge applies for new installation of a Channel Termination or for work to be performed on an existing Channel Termination.

The Subsequent nonrecurring charge applies per Channel Termination, at one customer designated premises, when;

- At the same time as the initial Channel Termination is requested, a customer orders additional Channel Termination(s), due the same date, for the same type of service and exact NC/NCI combinations, at the same location.
- At the same time as a request for additional work on an existing Channel Termination, a customer requests the same additional work to be performed on identical existing Channel Termination(s), due the same date, for the same type of service and exact NC/NCI combinations, at the same location.
- b. Transport Mileage

A nonrecurring charge applies for the installation of Transport Mileage which provides the transmission facilities between wire centers. This charge applies only when Transport Mileage is installed without a Channel Termination.

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**5. SERVICES** 

5.2 **SERVICE DESCRIPTIONS** 5.2.11 **DS1** SERVICE

G.2. (Cont'd)

c. Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum billing period requirements or a change in the physical location of the Channel Termination at a customer designated The charge to the customer for the service rearrangement is premises. dependent on whether the change is administrative only in nature or involves actual physical change to the service. Changes which result in the establishment of new minimum billing period obligations are treated as disconnects and new connects. Changes in the physical location of the Channel Termination are treated as moves and are described in G.2.d., following.

All other service rearrangements will be charged for as follows and the appropriate Service Provisioning charge will apply in addition.

- (1) If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- (2) If the change involves reterminating an existing DS1 Channel Termination onto a spare channel of a higher capacity service, only the Rollover nonrecurring charge, as specified in 3.2.2.L., preceding, will apply. The Service Provisioning Charge is not applicable.

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## **5. SERVICES**

#### **SERVICE DESCRIPTIONS** 5.2

#### 5.2.11 **DS1 SERVICE**

G.2.c. (Cont'd)

(3) If the change involves changing Frame Format or Line Code, (e.g., AMI to B8ZS line code, SuperFrame to ANSI Extended Superframe, or any frame format to Free-Frame, or vice versa), or if the customer wishes to add Clear Channel Capability to an existing DS1 Service, only the following Service Rearrangement nonrecurring charge will apply. The Service Provisioning Charge is not applicable.

#### NONRECURRING USOC CHARGE

Service Rearrangement, per		
Channel Termination	NRBPO	\$140.00

- (4) For all other changes, including the addition of optional features without separate nonrecurring charges (except for Clear Channel Capability), a charge equal to a Channel Termination nonrecurring charge will apply. Only one such charge will apply per service, per change.
- d. Moves

A move involves a change in the physical location of one of the following:

- The Demarcation Point at the customer's designated premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(1) Moves within the Same Building or Between Buildings on the Same Premises

When the move is to a new location within the same premises or between buildings on the same premises, the move is the responsibility of the customer. There will be no change in the minimum billing period requirements.

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# **5. SERVICES**

#### 5.2 SERVICE DESCRIPTIONS 5.2.11 **DS1** SERVICE

G.2.d. (Cont'd)

(2) Moves to a Different Building

A customer who has existing service may choose to move either a portion of or the entire existing service without incurring discontinuance charges provided the following conditions are met:

- Both the existing and the new services are provided solely by the Company,
- The customer's request for both the disconnect order for the existing service and the new connect order for the new service are received at the same time.
- The customer's request for the disconnect order for the existing service must reference the new connect order,
- The new service installation must be completed within thirty calendar days of the disconnection of the old service, unless the installation delay is caused by the Company,
- If the customer's service is under a Fixed Period Rate Plan, an amendment to the existing agreement must be completed. The original expiration date of the agreement is not affected, unless the customer wishes to extend the term of the agreement.

The monthly rates for the new service will be those rates in effect at the time the new service is installed. All nonrecurring charges apply for the new service. Should changes to either the disconnect order or the new connect order exclude one or more of the conditions above, applicable discontinuance and/or cancellation charges will be assessed.

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.11 **DS1** SERVICE

G. Rate Regulations (Cont'd)

3. Mileage Measurement

Mileage Measurement will be as specified in 3.4 preceding in addition to the following:

• The mileage to be used in determining the monthly rate for the Self-Healing Alternate Route Protection (SHARP) alternate route is calculated on the airline distance between the alternate wire centers utilized to provide SHARP on each end of the circuit. If the protection terminates in a Company wire center, the mileage to be used to determine the monthly rate for the alternate route is calculated on the airline distance between the alternate wire center providing SHARP and the Company wire center where the service terminates.

If the protection terminates in a Company wire center, a central office termination rate element will apply. This rate category provides for additional equipment placed in the Company wire center which causes the service to automatically detect a failure and switch to the alternate protection path.

If the protection terminates in a customer designated premises, standard rates, (i.e., Channel Termination and SHARP option) will apply.

- 4. Fixed Period Rate Plans
  - a. A customer may subscribe to a one year through a seven year Fixed Period Rate Plan. If the customer terminates service prior to the expiration of the Fixed Period Rate Plan, termination charges specified in g. following will apply.
- b. For customers that subscribe to a Fixed Period Rate Plan, the monthly rates for the entire fixed period will be exempt from Company-initiated increases, at the rates in effect, in the tariff, for the fixed period on the service date the contract is signed by the customer and the Company.

If the rates decrease between the date the contract is signed and the date the service is installed, the customer will be billed the lower rate.
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## **5. SERVICES**

#### 5.2 SERVICE DESCRIPTIONS

5.2.11 **DS1 SERVICE** 

G.4. (Cont'd)

- c. If an Optional Feature is added to a circuit that is under an existing Fixed Period Rate Plan, the feature is rated based on the length of the original Fixed Period Rate Plan.
- d. Services rated under month to month billing may be upgraded to a Fixed Period Rate Plan at any time the customer chooses without incurring nonrecurring or discontinuance charges.
- e. A customer may renegotiate from an existing rate plan to a new rate plan at any time, with the condition that the new rate plan period must equal or exceed the number of months remaining in the existing rate plan.
- f. Customers with service under a Fixed Period Rate Plan that is within 6 months of expiration may extend their Fixed Period Rate Plan rates for a period of 12 months, by notifying the Company in writing of their intent to do so. The 12 month extension will begin upon expiration of the existing Fixed Period Rate Plan. Extension of an existing Fixed Period Rate Plan is available only for the original customer of record of the service.

At the end of the Fixed Period Rate Plan or of the extension (whichever is applicable), the customer must choose to:

- Renew the service under a new Fixed Period Rate Plan,
- Continue service under the month to month option,
- Or discontinue service.

If the customer renews the service, the monthly rates for a new Fixed Period Rate Plan will be the rates in effect, in the Catalog, on the renewal date. Should the customer not make a choice by the end of the existing Fixed Period Rate Plan or extension period, the rates will automatically revert to the month to month option.

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**5. SERVICES** 

5.2 SERVICE DESCRIPTIONS 5.2.11 **DS1** SERVICE

G.4. (Cont'd)

g. Discontinuance of Service

- (1) If the customer terminates service, in whole or in part, at any time during the term of a Fixed Period Rate Plan, a termination charge may apply as specified in 2.4.5, preceding.
- (2) Discontinuance charges do not apply to Fixed Period Rate Plan services purchased by local, State or Federal government entities (or to customers that have purchased services solely for resale to local, State or Federal government entities) when they are discontinued prior to the completion of the Fixed Period Rate Plan only when all of the following conditions are met:
  - (a) The service(s) purchased by the local, State or Federal government entity or customers that have purchased services for resale to local, State or Federal government entities are utilized solely for provision of services for that local, State or Federal government entity,
- (b) Funding for the service ordered by the authorized local, State or Federal government entity is included in the budget request for each fiscal period appropriation sufficient to cover the authorized local, State or Federal government entity's obligations under the Fixed Period Rate Plan for that fiscal period.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

5.2.11 **DS1** SERVICE

G.4.g.(2) (Cont'd)

- (c) Non-appropriation may not be used as a means of terminating the service to acquire a functionally similar product or service,
- (d) The local, State or Federal government entity ordered the Fixed Period Rate Plan service under the good faith belief that money in amounts sufficient to discharge its obligations could and would lawfully be appropriated and be made available for this purpose and,
- (e) The local, State or Federal government entity or the customer who ordered the service on their behalf, must provide the Company notarized documents agreed upon by both the Company and the customer, showing that the entity is allotted insufficient funds for the remainder of then current fiscal period or for a succeeding fiscal period by appropriation, appropriation limitation or grant to continue payments under the Fixed Period Rate Plan and has no other funding source lawfully available to it for such purpose. The service may be terminated by giving the Company not less than thirty days written notice. Should the customer receive funding for the cancelled service prior to physical disconnect of service, the customer may cancel the disconnect order. Upon termination, the authorized local, State or Federal government entity or the customer who ordered the service on their behalf, shall pay all applicable rates and nonrecurring charges incurred through the date of termination and through the end of the then current fiscal period to the extent of lawfully available funds.

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.11 **DS1** SERVICE

G. Rate Regulations (Cont'd)

5. Service Conversion

An existing service that is provided under a Fixed-Period Rate Plan, may be converted to another service without incurring a discontinuance charge, provided all the following conditions are met:

- a. Both the existing and the new service(s) are provided solely by the Company,
- b. The customer's request for the disconnect of the existing service and the new connect of the new service are received at the same time,
- c. The customer's request for the disconnect of the existing service must reference the requested new connect order,
- d. The new service(s) installation must be completed within thirty calendar days of the disconnection of the old service(s), unless the installation delay is caused by the Company;
- e. The total value of the new service agreement(s), excluding any special construction charges and any other nonrecurring charges, is equal to or greater than 115% of the remaining value of the existing agreement(s);
- f. A new minimum service period goes into effect when the new service agreement term begins;
- g. The customer agrees to pay any previously billed, but unpaid recurring, and any outstanding nonrecurring charges. These charges cannot be included as part of the new service agreement;
- h. All applicable nonrecurring charges will be assessed for the new contracted service(s).

Should the customer choose to convert a service provided under a Fixed Period Rate Plan, and move the service to new customer locations, discontinuance charges will not apply, provided all the conditions are met as set forth in G.2.c.(2), preceding.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS (Cont'd)**

#### 5.2.12 **DS3 Service**

A. Basic Description

DS3 Service provides a high capacity channel for the transmission of 44.736 Mbit/s isochronous serial data having a line code of bipolar three zero substitution (B3ZS). DS3 Service is provided between customer designated premises, between a customer designated premises and a Company Hub or between Company Hubs. DS3 Service is available utilizing an Electrical Interface. The interface will have the characteristics of its respective signal at the Demarcation Point.

Information pertaining to the technical specifications and compatible channel interfaces is set forth in the Technical Publications listed under the Reference to Technical Publications preceding.

B. Terms and Conditions

The terms and conditions specified in the DS3 Service Agreement apply, in addition to the regulations set forth here and under the General Regulations, Section 2, preceding.

- 1. Availability
  - DS3 is available only on a two-point basis, 24 hours per day, seven days a week.
  - DS3 Service can only be provided from a wire center equipped for digital transmission and is subject to the technical limitations of the CO equipment used by the Company.
  - Where suitable facilities are unavailable for provision of the service, special construction of the facilities may be necessary and will be charged for as specified in 4.1.6 preceding.
  - A customer may request the facilities used to provide DS3 Service be specially routed. The regulations, rates, and charges for Special Facilities Routing (i.e., Avoidance, Diversity) are set forth in Access Service Tariff, Section 11.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.12 **DS3 Service**

- B. Terms and Conditions (Cont'd)
  - 2. Credit Allowance for Service Interruptions

Credit allowance terms and conditions specified in this section are in addition to those specified in 2.4.3 preceding.

For DS3 Self-Healing Alternate Route Protection (SHARP), out of service credit will apply when the customer experiences a service interruption and the system fails to switch to the protected electronics and/or facilities within one second. The protected electronics and/or facilities are between the Company Demarcation Point located on the customer premises and/or the Company Wire Center(s) associated with the SHARP option. In the event of service interruption, one month's billing credit of the protected service will be given. Such credit will apply to the Channel Termination and the SHARP rate element for SHARP protected service. Credit will be limited to a maximum of one month for an interruption or series of interruptions within that month.

3. Payment Options

DS3 Service is offered on a month to month basis, and on one through seven year fixed periods as specified under DS1 Service. For Electrical Capacity Channel Terminations larger than one DS3, the Capacity Channel Termination must be ordered before an associated Per DS3 Channel Termination can be ordered. In addition, the Capacity Channel Termination cannot be disconnected until all of the Per DS3 Channel Terminations are disconnected.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

5.2.12 **DS3 Service** 

B. Terms and Conditions (Cont'd)

4. Electrical Interface Capacity Channel Terminations

Electrical Interface Capacity Channel Terminations will be provisioned utilizing Company provided equipment. Electrical Interface has eight different sizes of Capacity Channel Termination available. The capacities are capable of deriving the following number of DS3 signals.

## **ELECTRICAL INTERFACE DS3 CAPACITY CHANNEL TERMINATION**

1	9
2	12
3	24
6	36

5. Custom Offering

If the standard service, as described and offered, does not meet a particular customer requirement, the customer may request and the Company may develop a Custom offering. The service, performance and/or optional feature(s) will be developed and rated on an individual case basis.

C. End-Link or Mid-Link Application

This application is intended for customers requiring Private Line Transport as part of an overall circuit, extending beyond the LATA. A Design Layout Report (DLR) is available to the customer to assist in their overall design. The network channel interface between the Company facility and the remainder of the overall circuit is referred to as the Mid User-DP. The network channel interface that is at the terminating end of the overall circuit is referred to as the End User-DP.

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.12 **DS3 SERVICE** (Cont'd)

D. End-to-End Application

This application is intended for customers requiring an overall Private Line Transport by the Company within the LATA. No DLR will be provided since the performance and maintenance will be the responsibility of the Company. The network channel interface at the terminating end of the overall circuit is referred to as the End User-DP.

E. Rate Categories

There are three basic rate categories which apply to DS3 Service:

- Channel Termination
- Transport Mileage
- Optional Features and Functions
- 1. Channel Termination

The Channel Termination provides for the communications path between the Demarcation Point at the customer designated premises, and the serving wire center of that premises. One Channel Termination charge applies Per DS3 terminated at the Demarcation Point. For Capacity Channel Terminations larger than one DS3, the Capacity Channel Termination must be ordered before an associated Per DS3 Channel Termination can be ordered. These charges will apply even if the customer designated premises and the serving wire center are colocated in the same building. The Capacity Channel Termination can not be disconnected until all of the Per DS3 Channel Terminations are disconnected.

2. Transport Mileage

The Transport Mileage provides for the transmission facilities between the serving wire centers associated with two customer locations, between a serving wire center associated with a customer location and a Company Hub or between Company Hubs. Transport Mileage is portrayed in mileage bands. There are two rate elements that apply for each band i.e., a flat rate per band and a rate per mile. Transport Mileage is measured by airline miles between serving wire centers via the V and H Coordinates Method, as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. No. 4.

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.12 **DS3** Service

- E. Rate Categories (Cont'd)
  - 3. Optional Features and Functions

Optional features and functions available where determined by the Company to be technically feasible.

a. Central Office Multiplexing

An arrangement which converts a 44.736 Mbit/s DS3 channel to twenty-eight 1.544 Mbit/s DS1 channels utilizing time division multiplexing. The twentyeight channels may be further multiplexed utilizing DS1 multiplexers.

b. Self-Healing Alternate Route Protection (SHARP)

SHARP is available with DS3 Service and is described under DS1 Service.

c. Command A Link

This option allows the customer to control the reconfiguration of a Private Line Transport Service (digital or analog) on a near real-time basis, by means of the special provisioning of these services through a digital crossconnect device. Command A Link can accommodate the termination of circuits up to the 64 kbit/s[1], 1.544 Mbit/s[2], and 44.736 Mbit/s[3] signal levels. Customer access to the reconfiguration capability is on the basis of a dial access arrangement. Terms and conditions, rates and charges for Command A Link are specified in Section 4.1.18, preceding.

Command A Link is available only in selected serving wire centers.

- Applicable to Voice Grade and Digital Data Service. [1]
- [2] Applicable to Voice Grade, Digital Data, and DS1 Service.
- [3] Applicable to DS1 and DS3 Service.

THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.12 **DS3 SERVICE** (Cont'd)

F. Service Information

	CLASS OF	NETWORK
SERVICE	SERVICE	CHANNEL CODE

1. End-Link or Mid-Link Application

## 44.736 Mbit/s

- Month to month	XH3M9	HF++, HH++
- 1 year	XH319	HF++, HH++
- 2 year	XH329	HF++, HH++
- 3 year	XH339	HF++, HH++
- 4 year	XH349	HF++, HH++
- 5 year	XH359	HF++, HH++
- 6 year	XH369	HF++, HH++
- 7 year	XH379	HF++, HH++

## 2. End-to-End Application

## 44.736 Mbit/s

<ul> <li>Month to month</li> <li>1 year</li> <li>2 year</li> <li>3 year</li> <li>4 year</li> <li>5 year</li> <li>6 year</li> <li>7 year</li> </ul>	XH3MN XH31N XH32N XH33N XH34N XH35N XH36N XH37N	HF++, HH++ HF++, HH++ HF++, HH++ HF++, HH++ HF++, HH++ HF++, HH++ HF++, HH++
- 7 year	XH37N	HF++, HH++

THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.12 **DS3 SERVICE** (Cont'd)

G. Rate Regulations

This section contains specific regulations governing the rates and charges for DS3 Service. There are two types of rates and charges. These are monthly rates and nonrecurring charges described as follows.

1. Monthly Rates

Monthly rates are flat rates that apply each month or fraction thereof that service is provided. These rates apply on a monthly basis. For billing purposes, each month is considered to have 30 days.

2. Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for DS3 Service are: Channel Termination, installation of Optional Features and Functions, and Service Rearrangements. Special construction charges as defined in Qwest Corporation Tariff, F.C.C. No. 2, may also apply. Customers who order service under a Custom Arrangement, as defined 3.2.3 preceding, may incur additional nonrecurring charges as identified in each individual case.

a. Channel Termination

Nonrecurring charge applies for the installation of each Channel Termination and includes its predefined technical specifications and the facilities from the customer designated premises to the Serving Wire Center.

The nonrecurring charge applies for work to be performed on one Channel Termination, at a customer designated premises. The nonrecurring charge applies for new installation of a Channel Termination or for work to be performed on an existing Channel Termination.

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**5. SERVICES** 

5.2 SERVICE DESCRIPTIONS 5.2.12 **DS3** Service

G.2. (Cont'd)

b. Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum billing period requirements or a change in the physical location of the Channel Termination at a customer designated premises. The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service. Changes which result in the establishment of new minimum billing period obligations are treated as disconnects and new connects. Changes in the physical location of the Channel Termination are treated as moves and are described in c.2., following.

- (1) If the function involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- (2) If the change involves reterminating an existing DS3 Channel Termination onto a spare channel of a higher capacity service, the Channel Termination nonrecurring charge will apply.
- (3) For all other changes, including the addition of optional features without separate nonrecurring charges, a charge equal to a Channel Termination nonrecurring charge will apply. Only one such charge will apply per service, per change.
- c. Moves

A move involves a change in the physical location of one of the following:

- The Demarcation Point at the customer's designated premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

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**5. SERVICES** 

#### 5.2 SERVICE DESCRIPTIONS

#### 5.2.12 **DS3 Service**

G.2.c. (Cont'd)

(1) Moves Within the Same Building or Between Buildings on the Same Premises

When the move is to a new location within the same premises or between buildings on the same premises, the move is the responsibility of the customer. There will be no change in the minimum billing period requirements.

(2) Moves to a Different Building

A customer who has existing service may choose to move either a portion of or the entire existing service without incurring discontinuance charges provided the following conditions are met:

- Both the existing and the new services are provided solely by the Company,
- The customer's request for both the disconnect order for the existing service and the new connect order for the new service are received at the same time
- The customer's request for the disconnect order for the existing service must reference the new connect order,
- The new service(s) installation must be completed within thirty calendar days of the disconnection of the old service(s), unless the installation delay is caused by the Company;
- If the customer's DS3 service is under a Fixed Period Rate Plan, an amendment to the existing agreement must be completed. The original expiration date of the agreement is not affected, unless the customer wishes to extend the term of the agreement.

The monthly rates for the new service will be those rates in effect at the time the new service is installed. All nonrecurring charges apply for the new service. Should changes to either the disconnect order or the new connect order exclude one or more of the conditions above, applicable discontinuance and/or cancellation charges will be assessed, as specified in 2.4.5, preceding.

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS**

#### **DS3 Service** 5.2.12

- G. Rate Regulations (Cont'd)
  - 3. Mileage Measurement

Mileage measurement will be as specified in 3.4, preceding, in addition to the following:

- The mileage to be used in determining the monthly rate for the SHARP Alternate Route is calculated as specified under DS1 Service.
- 4. Fixed Period Rate Plans

Fixed Period Rate Plans for DS3 Service are offered under the same terms and conditions as those specified for DS1 Service.

5. Service Conversion

Service Conversion for DS3 Service is offered under the same terms and conditions as those specified for DS1 Service.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS (Cont'd)**

#### 5.2.13 SELF-HEALING NETWORK SERVICE

A. Description

Self-Healing Network Service (SHNS) is a service arrangement designed to provide high capacity digital services between multiple customer designated premises (Access Nodes) and a minimum of one Company wire center (Hub Node), which will survive in the event of any single failure (catastrophic or otherwise) within the Self-Healing Network. This service is designed to automatically detect a failure anywhere within the system and reconfigure itself around the point of failure to ensure a near continuous flow of information between those locations that are within the survivable network.

This service provides network survivability through an integrated combination of intelligent network elements (which includes automatic protection switching functions), and diversely routed facilities.

SHNS is available with capacities of up to three DS3s, twelve DS3s or twenty-four DS3s. Within a capacity of three DS3s or twelve DS3s, a combination of DS1 and DS3 interfaces (ports) may be ordered. (Each DS3 can provide up to twenty-eight DS1 interfaces).

SHNS will dedicate all available bit rate capacity on a Self-Healing Network exclusively to a single customer. The interface at the customer premises will conform to standard American National Standards Institute (ANSI) DS3 interface (44.736 Mbit/s) specifications and/or standard ANSI DS1 interface (1.544 Mbit/s) specifications.

All services will conform to the transmission specification standards. Information pertaining to the technical specifications and compatible channel interfaces is set forth in the Technical Publications listed under the Reference to Technical Publications preceding.

Performance monitoring capability affords the customer access to detailed information pertaining to the performance of the SHNS. The level of performance monitoring capabilities will vary depending on the vendor and interface being used. This capability is accessible via a customer provided terminal compatible with the Company equipment used to provision the SHNS. The connection is made via a standard American Standard Code for Information Interchange (ASCII) terminal interface (RS-232C).

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.13 SELF-HEALING NETWORK SERVICE (Cont'd)

## B. Terms and Conditions

The terms and conditions specified in the SHNS Service Agreement, apply, in addition to the regulations set forth here and under the General Regulations, Section 2 of this Catalog.

1. Availability

The offering of SHNS contemplates the use of existing facilities. Where suitable facilities are unavailable for provision of the service, special construction of the facilities may be necessary and will be charged for as specified in Qwest Corporation Tariff, F.C.C. No. 2.

2. Payment Options

SHNS is offered on a one, two, three and five year Fixed Period Rate Plans and on a month-to-month basis after the customer completes the initial Fixed Period Rate Plan.

3. Credit Allowance for Service Interruptions

Out of service credit will apply when the customer experiences a service interruption and the system fails to switch to the protected electronics and/or facilities within one second. Such credit will be based on information provided by the network surveillance system associated with the SHNS. Out of service credit will be based on the total of all monthly rate element charges associated with that portion of the service that is inoperative. In the event of a service interruption, one month's billing credit will be given. This credit will apply only once in a calendar month for an interruption or series of interruptions within that month.

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## **5. SERVICES**

#### 5.2 SERVICE DESCRIPTIONS

#### 5.2.13 SELF-HEALING NETWORK SERVICE

B.3. (Cont'd)

No credit allowance will be made for:

- Interruption caused by the negligence of the customer.
- Interruptions of a service due to the failure of equipment or systems provided by the customer or others.
- Interruptions of a service during any period in which the Company is not afforded access to the premises where the service is terminated.
- Interruptions of a service when the customer has released that service to the Company for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in the service during the time that was negotiated with the customer prior to the release of that service.
- C. End-Link or Mid-Link Application

This application is intended for customers requiring SHNS as part of an overall circuit, extending beyond the LATA. A Design Layout Report (DLR) is available to the customer to assist in their overall design. The network channel interface between the Company facility and the remainder of the overall circuit is referred to as the Mid User-DP. The network channel interface that is at the terminating end of the overall circuit is referred to as the End User-DP.

D. End-to-End Application

This application is intended for customers requiring SHNS provided by the Company within the LATA. No DLR will be provided since the performance and maintenance will be the responsibility of the Company. The network channel interface at the terminating end of the overall circuit is referred to as the End User-DP.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.13 **SELF-HEALING NETWORK SERVICE (Cont'd)**

## E. Rate Categories

There are seven basic rate categories which apply to SHNS:

- Access Node
- Access Port
- Hub Node
- Hub Port
- Transport Mileage
- Central Office Connecting Channel
- Optional Features and Functions
- 1. Access Node

The Access Node rate category provides for equipment (the Add-Drop Multiplexing Function) at the customer premises designated Node location on the Self-Healing Network. This rate category is comprised of a Capacity (or system) of either a three DS3 capacity, a twelve DS3 capacity or a twenty-four DS3 capacity. This Access Node Capacity rate applies per month for each customer premises located on the SHNS.

2. Access Port

The Access Port rate category provides for the DS1 and/or DS3 channelization that takes place at each SHNS Access Node. The Access Port rate element applies per month. The quantity of Ports is determined based on the number of DS1 and/or DS3 interfaces ordered by the customer (i.e., each DS1 interface equates to a DS1 Access Port and each DS3 interface equates to a DS3 Access Port). A recurring rate and/or nonrecurring charge will apply only where a Network Interface is ordered (e.g., where a DS3 or DS1 Channel originates or terminates).

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

5.2.13 SELF-HEALING NETWORK SERVICE

- E. Rate Categories (Cont'd)
  - 3. Hub Node

The Hub Node rate category provides for equipment (the Add-Drop Multiplexing Function) located in Company Hub Nodes (wire centers) that are part of the SHNS. This rate category is comprised of a Capacity (or system) of either a three DS3 capacity, a twelve DS3 capacity or a twenty-four DS3 capacity.

4. Hub Port

The Hub Port rate category provides for the DS1 and/or DS3 channelization that takes place at each Hub Node that resides on the SHNS. The Hub Port rate element applies per month. The quantity of Ports is determined based on the number of DS1 and/or DS3 interfaces ordered by the customer at a Hub Node (i.e., each DS1 interface equates to a DS1 Hub Port and each DS3 interface equates to a DS3 Hub Port). A recurring rate and/or nonrecurring charge will apply only where a Network Interface is ordered (e.g., where a DS3 or DS1 Channel originates or terminates).

Customers would order Hub Ports if they wish to connect a SHNS based DS1 and/or DS3 service to other Company services (Off-SHNS Network Connection(s)). Company Off-SHNS Network Connections will only be made in Company Hub Nodes.

5. Transport Mileage

The Transport Mileage rate category provides for the transmission facilities between directly connected Company wire centers located on the SHNS. The mileage used to determine the monthly rate for the Transport Mileage is calculated based on the airline distance between the directly connected Company wire centers located on the SHNS.

Mileage is in terms of a per-mile rate between Company wire centers. To determine the rate to be billed, first compute the mileage using V&H coordinates method as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. No. 4, and multiply the rate by the distance involved. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rate.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

5.2.13 SELF-HEALING NETWORK SERVICE

E. Rate Categories (Cont'd)

6. Central Office Connecting Channel (COCC)

The COCC rate category provides for connections within the Hub Node between:

- Two SHNS within the same Hub Node
- A SHNS DS3 and a DS3-to-DS1 multiplexer
- A SHNS DS3 and a DS3
- A SHNS DS1 and a DS1-to-DSO multiplexer
- A SHNS DS1 and a DS1
- A SHNS DS1 and Digital Switched Service (DSS) as ordered from the Exchange and Network Services Catalog.

One Central Office Connecting Channel charge applies per month for each connection made.

- 7. Optional Features and Functions
  - Software Reconfiguration Capability (SRC)

SRC affords the customer the ability to rearrange their existing channels within the SHNS via software commands.

This reconfiguration capability is accessible via a customer provided terminal compatible with the Company equipment used to provision the SHNS. The connection is made via a standard ASCII terminal interface (RS-232C).

Once this option is selected, one SRC monthly rate applies for each SHNS.

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.13 **SELF-HEALING NETWORK SERVICE (Cont'd)**

F. Service Information

	SERVICE	CLASS OF SERVICE	NETWORK Channel Code
1.	End-Link or Mid-Link		
	<ul> <li>Capacity of 3 DS3s</li> <li>Capacity</li> <li>Per DS3</li> <li>Per DS1</li> </ul>	XDEV9 XDE39 XDE19	HH HF HC
	<ul> <li>Capacity of 12 DS3s</li> <li>Capacity</li> <li>Per DS3</li> <li>Per DS1</li> </ul>	XDEZ9 XDE39 XDE19	HH HF HC
	<ul> <li>Capacity of 24 DS3s</li> <li>Capacity</li> <li>Per DS3</li> <li>Per DS1</li> </ul>	XDEY9 XDE39 –	HH HF –
2.	End-to-End		
	<ul> <li>Capacity of 3 DS3s</li> <li>Capacity</li> <li>Per DS3</li> <li>Per DS1</li> </ul>	XDEVN XDE3N XDE1N	HH HF HC
	<ul> <li>Capacity of 12 DS3s</li> <li>Capacity</li> <li>Per DS3</li> <li>Per DS1</li> </ul>	XDEZN XDE3N XDE1N	HH HF HC
	<ul> <li>Capacity of 24 DS3s</li> <li>Capacity</li> <li>Per DS3</li> <li>Per DS1</li> </ul>	XDEYN XDE3N -	HH HF –

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.13 **SELF-HEALING NETWORK SERVICE (Cont'd)**

## G. Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for SHNS. There are two types of rates and charges. These are monthly rates and nonrecurring charges. The rates and charges are described as follows:

1. Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a SHNS is provided. For billing purposes, each month is considered to have thirty days.

2. Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service).

- a. Installation of Service. Nonrecurring charges apply to each service installed.
- Service rearrangements are changes to existing b. Service Rearrangements. (installed) services which do not result in either a change in the minimum period requirements, or a change in the physical location of the Demarcation Point at a customer designated premises. Changes which result in the establishment of the new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in c. following.

The charge to the customer for the service rearrangements is dependent on whether the change is administrative only in nature or involves actual physical change to the service. Administrative changes are defined in 3.2.2.H. preceding.

Node Additions occur when either an Access Node or a Hub Node is added to an existing SHNS at the request of the customer. When a Node Addition is ordered, the Access Port non-recurring charge and/or Hub Port non-recurring charge will apply for each port being added at the new node.

All other service rearrangements will be charged a charge equal to one half of an Access Port Nonrecurring Charge at each location where the port termination is changed.

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**5. SERVICES** 

#### 5.2 **SERVICE DESCRIPTIONS** 5.2.13 SELF-HEALING NETWORK SERVICE

G.2. (Cont'd)

c. Moves

A move involves a change in physical location of one of the following:

(1) The Demarcation Point within the Same Building (Customer's Premises).

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half of the nonrecurring charge for the Access Port(s) affected.

(2) Moves to a Different Building (change in the Customer's Premises).

A customer who has existing SHNS, which is provided under a Fixed-Period Rate Plan, may choose to move either a portion of the Nodes and Ports, or the entire existing service (all Nodes and Ports), without incurring discontinuance charges, provided the following conditions are met:

- Both the existing and the new services are provided solely by the Company;
- The customer's request for both the disconnect order for the existing service and the new connect order for the new service are received at the same time:
- The customer's request for the disconnect order for the existing service must reference the new connect order; and
- The new service(s) installation must be completed within thirty calendar days of the disconnection of the old service(s), unless the installation delay is caused by the Company.

Should changes to either the disconnect order or the new connect order exclude one or more of the conditions above, applicable discontinuance charges will be assessed, as specified in 2.4.5, preceding.

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# 5.2SERVICE DESCRIPTIONS5.2.13SELF-HEALING NETWORK SERVICE

G.2.c.(2) (Cont'd)

All associated recurring and nonrecurring charges will apply at the new node location. If applicable, all Special Construction (nonrecurring) charges associated with the move, including, but not limited to, the transfer of existing equipment from the terminated building location(s) to the new building location(s) will be assessed as an up-front charge. In addition to the above charges, if there is a balance of recurring and nonrecurring charges previously due, but not yet paid, associated with the terminated location(s), these charges are to be paid in full.

- 3. Fixed Period Rate Plans
  - a. A customer may subscribe to a one, two, three and five year Fixed Period Rate Plan. If the customer terminates service prior to the expiration of the Fixed Period Rate Plan, termination charges specified in g. following will apply. A Month-to-Month option is available only after the customer completes the initial Fixed Period Rate Plan.
- b. For customers that subscribe to a Fixed Period Rate Plan, the monthly rates for the entire fixed period will be exempt from Company-initiated increases, at the rates in effect for the fixed period, on the date the service agreement between the customer and the Company is signed by the customer.

If a rate decrease occurs during the term of a Fixed Period Rate Plan, the reduced rates will automatically be applied for the time remaining in the Fixed Period Rate Plan.

- c. If an Optional Feature is added to a circuit that is under an existing Fixed Period Rate Plan, the feature is rated based on the length of the original Fixed Period Rate Plan.
- d. SHNS rated under month-to-month billing may be upgraded to a Fixed Period Rate Plan at any time the customer chooses without incurring nonrecurring or discontinuance charges.

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## **5.** SERVICES

## 5.2 SERVICE DESCRIPTIONS

## 5.2.13 SELF-HEALING NETWORK SERVICE

G.3. (Cont'd)

- e. A customer may renegotiate from an existing rate plan to a new rate plan at any time without incurring nonrecurring or discontinuance charges. This will be allowed, provided the channel interface and the customer designated premises remain the same. Additionally, the new rate plan period must equal or exceed the existing rate plan period. The rates will be those in effect, in the Catalog, at the time the rate plan is renegotiated.
- f. At the end of the Fixed Period Rate Plan, the customer must choose to:
  - Renew the service under a new Fixed Period Rate Plan,
  - Continue under the month-to-month option,
  - Or discontinue the service.

If the customer renews the service for a new Fixed Period Rate Plan, the monthly charges will be adjusted to those in effect for the new Fixed Period Rate Plan. Should the customer not make a choice by the end of the fixed period, the charges will automatically revert to the month-to-month option (the twelve month minimum billing period does not apply).

- g. Discontinuance of Service
- (1) If the customer terminates the service, in whole or in part, at any time during the term of a Fixed Period Rate Plan, termination charges may apply as specified in 2.4.5, preceding.
- (2) Discontinuance charges do not apply to Fixed Period Rate Plan services purchased by local, State or Federal government entities or to customers that have purchased services solely for resale to local, State or Federal government entities when they are discontinued prior to the completion of the Fixed Period Rate Plan only when all of the following conditions are met:
  - The service(s) purchased by the local, State or Federal government entity or customers that have purchased services for resale to local, State or Federal government entities are utilized solely for provision of services for that local, State or Federal government entity,
  - Funding for the service ordered by the authorized local, State or Federal government entity is included in the budget request for each fiscal period appropriation sufficient to cover the authorized local, State or Federal government entity's obligations under the Fixed Period Rate Plan for that fiscal period.

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## **5. SERVICES**

#### 5.2 SERVICE DESCRIPTIONS

#### 5.2.13 SELF-HEALING NETWORK SERVICE

G.3.g.(2) (Cont'd)

- Non-appropriation may not be used as a means of terminating the service to acquire a functionally similar product or service,
- The local, State or Federal government entity ordered the Fixed Period Rate Plan service under the good faith belief that moneys in amounts sufficient to discharge its obligations could and would lawfully be appropriated and be made available for this purpose and,
- The local, State or Federal government entity or the customer that ordered the service on their behalf, must provide the Company notarized documents agreed upon by both the Company and the customer, showing that the entity is allotted insufficient funds for the remainder of then current fiscal period or for a succeeding fiscal period by appropriation, appropriation limitation or grant to continue payments under the Fixed Period Rate Plan and has no other funding source lawfully available to it for such purpose. The service may be terminated by giving the Company not less than thirty days written notice. Should the customer receive funding for the cancelled service prior to physical disconnect of service, the customer may cancel the disconnect order. Upon termination, the authorized local, State or Federal government entity or the customer that ordered the service on their behalf, shall pay all applicable rates and nonrecurring charges incurred through the date of termination and through the end of the then current fiscal period to the extent of lawfully available funds.
- (3) Either party, the customer or the Company, may terminate the SHNS Agreement for cause provided written notice specifying the cause for termination, and requesting correction within thirty days, is given the other party and such cause is not corrected within the thirty day period. "Cause" is any material breach of the terms of the SHNS Agreement. If the Company terminates the Agreement for cause or if the customer terminates the Agreement without cause, Discontinuance Charges will apply.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

SELF-HEALING NETWORK SERVICE 5.2.13

G. Rate Regulations (Cont'd)

4. Change in Capacity or Conversion to Other Services

An existing service that is provided under a Fixed-Period Rate Plan, may be changed in capacity or converted to another service, without incurring a discontinuance charge, provided all the following conditions are met:

- Both the existing and new service(s) are provided solely by the Company,
- The order for the disconnect of the existing Fixed Period service and the order for the new connect of the new Fixed Period Rate Plan are received by Company at the same time,
- The total value of the new service agreement, excluding any special construction charges and any other nonrecurring charges, is equal to or greater than 115% of the total value of the existing agreement, for the remaining months of that agreement;
- The new service(s) installation must be completed within thirty calendar days of the disconnection of the old service, unless an installation delay is caused by the Company; and
- The customer agrees to pay any previously billed recurring rates and any outstanding nonrecurring charges. These rates and charges shall not be a part of the new service agreement.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS (Cont'd)**

#### 5.2.14 SIMULTANEOUS VOICE DATA SERVICE

A. Basic Description

Simultaneous Voice Data Service (SVDS) provides two-point or multipoint transport of full-duplex, asynchronous or synchronous digital data, at speeds of 2.4, 4.8, 9.6, or 19.2 kbit/s, while simultaneously carrying analog voice traffic over a shared, qualified, two-wire exchange access line or network access channel facility. Subrate DS0 Service is also available. The actual bit rate is a function of the channel interface selected by the customer. The Network Access Channel for SVDS is a derived channel of a customer's exchange access line.

SVDS is provided only when the customer's designated premises serving wire center is equipped with SVDS compatible equipment and where provisioning parameters are met. SVDS is provided between customer designated premises or between a customer designated premises and an SVDS equipped serving wire center.[1]

A Subrated DS0 Service (HCO) transports multiple subrate digital data channels, i.e., twenty 2.4, ten 4.8, or five 9.6 kbit/s, between SVDS equipped serving wire centers.

Information pertaining to the technical specifications and compatible channel interfaces is set forth in the Technical Publications listed under the Reference to Technical Publications preceding.

When SVDS is provided jointly, by the Company and another Local Exchange [1] Telephone Company, the service is provisioned through a Digital Data Hub.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.14 SIMULTANEOUS VOICE DATA SERVICE (Cont'd)

B. End-Link or Mid-Link Application

This application is intended for customers requiring Private Line Transport as part of an overall circuit, extending beyond the LATA. Several Channel Performances are available to facilitate compatibility and a mechanized Design Layout Report (DLR) is available to the customer to assist in their overall design. The network channel interface between the Company facility and the remainder of the overall circuit is referred to as the Mid User-DP (Demarcation Point). The network channel interface that is at the terminating end of the overall circuit is referred to as the End User-DP. Following are the service categories that normally apply to the End-link or Mid-link application.

Service Categories

The SVDS data channel is designated to operate at the following speeds:

- 2.4 kbit/s
- 4.8 kbit/s
- 9.6 kbit/s
- 19.2 kbit/s
- C. End-To-End Application

This application is intended for customers requiring an overall Private Line Transport, furnished by the Company within the LATA. No DLR will be provided since the performance and maintenance will be the responsibility of the Company. The network channel interface at the terminating end of the overall circuit is referred to as the End User-DP. Following are the service categories that normally apply to the End-to-End application:

Service Categories

The SVDS data channel is designed to operate at the following speeds:

- 2.4 kbit/s
- 4.8 kbit/s
- 9.6 kbit/s
- 19.2 kbit/s

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.14 SIMULTANEOUS VOICE DATA SERVICE (Cont'd)

- D. Terms and Conditions
  - 1. The term and conditions specified herein are in addition to other applicable terms and conditions specified elsewhere in this Catalog and in the Exchange and Network Services Catalog.
  - 2. The provision of SVDS is subject to the availability of facilities and equipment.
  - 3. SVDS is furnished only in conjunction with services capable of transmitting voice over a qualified two-wire exchange access line or network access channel. The services include but are not limited to:
    - Individual business and residence exchange service
    - PBX trunks
    - CENTRON/Centrex type lines
    - Foreign Exchange and Foreign Central Office Services
    - Outward WATS and 800 Services
  - 4. SVDS is available on a month-to-month basis, with a minimum service and billing period of one month. SVDS is also available on a discount pricing basis for contract periods of (36) thirty-six through (84) eighty-four months. The minimum service and billing periods for the contract options are 36 through 84 months.
  - 5. To qualify for discount pricing, the customer must have a minimum SVDS monthly billing of \$200.00.
  - 6. A termination charge may apply if a customer falls below 80% of the billing level of the agreement. The termination charge is as specified in 2.4.5, preceding.

If a customer completely cancels all or a portion of the contracted service at any time during the term of the agreement, a termination charge may apply as specified in 2.4.5, preceding.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.14 SIMULTANEOUS VOICE DATA SERVICE

D. Terms and Conditions (Cont'd)

- 7. In any month, where the customer receives service generating a monthly billing amount greater than one hundred and twenty percent (120%) of the original contract billing level, the customer's contract billing level shall then increase to ninety percent (90%) of the new billing amount for the remainder of the term of the agreement. The minimum billing level will be eighty percent (80%) of the contract billing level.
- 8. Customers with service under a discount pricing agreement that is within 6 months of expiration may extend their discount pricing agreement rates for a period of 12 months, by notifying the Company in writing of their intent to do so. The 12 month extension will begin upon expiration of the existing discount pricing agreement. Extension of an existing discount pricing agreement is available only for the original customer of record of the service.

At the end of the discount pricing agreement or of the extension (whichever is applicable), the customer must choose to:

- Renew the service under a new discount pricing agreement,
- Continue service under the month-to-month option, or
- Discontinue the service.

If the customer renews the service, the monthly rates for a new discount pricing agreement will be the rates in effect, in the Catalog, on the renewal date. Should the customer not make a choice by the end of the existing discount pricing agreement or extension period, the rates will automatically revert to the month-tomonth option.

- 9. When SVDS is provisioned with Foreign Exchange or Foreign Central Office Service, the data channel is split at the premises serving wire center.
- 10. SVDS includes the Central Office Voice Data Multiplexer (CVDM) which is used to create the data channel between the customer location and the serving wire center.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

#### 5.2.14 SIMULTANEOUS VOICE DATA SERVICE

D. Terms and Conditions (Cont'd)

- 11. It is the responsibility of the customer, or the customer's agent, to provide Remote Voice Data Multiplexers (RVDM) at the customer's premises. The RVDMs must be compatible with the Company's central office facilities and equipment, and are subject to interconnect/interface limitations specified in the appropriate Technical Publication.
- E. Optional Features and Functions
  - 1. Bridging

Bridging is an arrangement within an SVDS equipped serving wire center or Digital Data Hub[1], to connect three or more customer designated premises, to form multipoint configurations. On a multipoint circuit which combines SVDS and Digital Data Service (DDS), bridging for DDS must be done in Digital Data Hub(s). It is not available with Subrated DS0.

2. Central Office DS0 to Subrate (DS0B to DS0A) Multiplexing

An arrangement that provides a Company multiplexer which converts a Subrated DS0 (DS0B) channel containing up to twenty 2.4 kbit/s, ten 4.8 kbit/s, or five 9.6 kbit/s channels into individual 2.4, 4.8, or 9.6 kbit/s circuits, each utilizing time division multiplexing. Central Office DS0 to Subrate Multiplexing will only be connected to either a 64 kbit/s DDS Network Access Channel or a DS1 Central Office Multiplexer.

The placement of SVDS Services onto an SVDS Central Office DS0 to Subrate Multiplexer will be provided in SVDS equipped serving wire centers. The placement of SVDS and DDS onto a DDS Central Office DS0 to Subrate Multiplexer will only be provided in Digital Data Hub(s).

A Subrated DS0 Service transports multiple digital data channels, i.e., twenty 2.4, ten 4.8, or five 9.6 kbit/s, between SVDS equipped serving wire centers, between a SVDS equipped serving wire center and a Digital Data Hub, or between Digital Data Hubs.

Bridging must be done in a Digital Data Hub, when the service is provided jointly [1] by the Company and another Local Exchange Telephone Company.

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**5. SERVICES** 

#### 5.2 SERVICE DESCRIPTIONS

5.2.14 SIMULTANEOUS VOICE DATA SERVICE

- E. Optional Features and Functions (Cont'd)
  - 3. Central Office Multiplexer to Multiplexer Connecting Arrangement
    - a. Subrate to Subrate

An arrangement that allows a customer to connect an individual channel from one DS0 to Subrate Multiplexer to an individual channel of another DS0 to Subrate Multiplexer, within the same SVDS equipped serving wire center, at 2.4. 4.8 or 9.6 kbit/s.

In addition, this arrangement allows a customer to connect an individual channel from one DS0 to Subrate Multiplexer, to an individual channel of another DS0 to Subrate Multiplexer located in a different SVDS equipped serving wire center, at 2.4, 4.8 or 9.6 kbit/s. Transport Mileage applies between serving wire centers.

b. DS0 to DS0

An arrangement that allows a customer to connect an individual channel from one DS1 to DS0 Multiplexer to an individual channel of another DS1 to DS0 Multiplexer, for SVDS at 2.4, 4.8, 9.6 or 19.2 kbit/s, within the same Company designated wire center. In addition, this arrangement can be used to allow a customer to connect an individual channel of one DS1 to Voice Multiplexer to another DS1 to Voice Multiplexer, within the same Company designated wire center. DS0 to DS0 can be used for 2.4, 4.8, 9.6, and 19.2 kbit/s.

In addition, this arrangement allows a customer to connect an individual channel from one DS0 to DS0 Multiplexer, to an individual channel of another DS0 to DS0 Multiplexer located in a different Company designated serving wire center. Transport Mileage applies between SVDS equipped serving wire centers.

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## **5. SERVICES**

#### 5.2 **SERVICE DESCRIPTIONS**

#### SIMULTANEOUS VOICE DATA SERVICE 5.2.14

E.3. (Cont'd)

- c. When a Central Office Multiplexer to Multiplexer Connecting Arrangement is made within the same SVDS equipped serving wire center, only one arrangement will apply. When a Central Office Multiplexer to Multiplexer Connecting Arrangement is made in different SVDS equipped serving wire centers, one arrangement will apply for each SVDS equipped serving wire center. Transport Mileage will also apply. For example, a customer wants to connect one 2.4 kbit/s channel on a DSO to Subrate Multiplexer from SVDS equipped serving wire center A to a DS0 to Subrate Multiplexer in SVDS equipped serving wire center B. The customer would pay for two Central Office Multiplexer to Multiplexer Connecting Arrangements and Transport Mileage as set forth in Section 6., following.
- F. Service Information

		SERVICE	CLASS OF SERVICE	NETWORK Channel Code
1.	End-Link or Mi	d-Link		
		2.4 kbit/s 4.8 kbit/s 9.6 kbit/s 19.2 kbit/s Subrated DS0	XD619 XD629 XD639 XD659 XD659	XA XB XG XC HS
2.	End-to-End	2.4 kbit/s 4.8 kbit/s 9.6 kbit/s 19.2 kbit/s Subrated DS0	VDSJN VDSLN VDSNN VDSPN VCDSN	US US US HS

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## 6. RATES AND CHARGES

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## 6. RATES AND CHARGES

#### 6.1 GENERAL

#### 6.1.1 **RATE STABILIZED AND DISCOUNT PRICING**

As an alternative to month-to-month rates, qualifying customers may elect a rate stabilized or discounted pricing arrangement. Rate stability allows eligible customers to have rate predictability for specified periods of time. Discounting allows eligible customers to realize some savings due to their larger volume of services and their long term commitment to that volume of services.

Each customer will be required to sign a contractual agreement for the furnishing of services on a rate stabilized or discounted pricing basis.

When more than one local exchange telephone company (i.e., Qwest Corporation and another local exchange company) is involved in the provision of a service, Rate Stability and Discount Pricing apply only to the Network Access Channel, Channel Performance and Conditioning options which are provided by the Company.
## 6. RATES AND CHARGES

## 6.1 GENERAL

## 6.1.1 RATE STABILIZED AND DISCOUNT PRICING (Cont'd)

- A. Rate Stability Terms and Conditions
  - 1. Analog Private Line Transport services are eligible for rate stability consideration.
  - 2. The rate stabilized price is the rates in effect at the time the agreement is signed by the customer.
  - 3. The minimum contract value for Analog Private Line Transport Services is one thousand dollars per month.
  - 4. The only rate elements eligible for rate stabilization are: Network Access Channels, Channel Performance, Transport Mileage, and Private Line Transport Optional Features and Functions. These rate elements are the only ones to be used in the revenue calculation for determining eligibility.
  - 5. In addition to satisfying the minimum eligibility requirements, the rate stabilized price must be above cost.
  - 6. The nonrecurring charges, for circuits(s) installed under a rate stability plan, are not included under the contract and are those specified in the current catalog.
  - 7. The contract period for Analog Private Line Transport Services shall be not less than twelve months or more than sixty months.

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## 6. RATES AND CHARGES

## 6.1 GENERAL

## 6.1.1 RATE STABILIZED AND DISCOUNT PRICING

A. Rate Stability Terms and Conditions (Cont'd)

8. Customers with service under a rate stability plan that is within 6 months of expiration may extend their rate stability plan rates for a period of 12 months, by notifying the Company in writing of their intent to do so. The 12 month extension will begin upon expiration of the existing rate stability plan. Extension of an existing rate stability plan is available only for the original customer of record of the service.

At the end of the rate stability plan or of the extension (whichever is applicable), the customer must choose to:

- Renew the service under a new rate stability plan,
- Continue service under the month-to-month option, or
- Discontinue the service.

If the customer renews the service, the monthly rates for a new rate stability plan will be the rates in effect, in the Catalog, on the renewal date. Should the customer not make a choice by the end of the existing rate stability plan or extension period, the rates will automatically revert to the month-to-month option.

9. A termination charge may apply if a customer falls below 80% of the billing level of the agreement. The termination charge is as specified in 2.4.5, preceding.

If a customer completely cancels all or a portion of the contracted service at any time during the term of the agreement, a termination charge may apply as specified in 2.4.5, preceding.

## 6. RATES AND CHARGES

## 6.1 GENERAL

### 6.1.1 RATE STABILIZED AND DISCOUNT PRICING (Cont'd)

B. Discount Pricing Terms and Conditions

Discount Pricing will be based on the length of the term of the agreement and the quantity of the circuits between the same two points. The two discounts, based on the term and the quantity, will be added together to determine the total discount. These standard discounts apply to all rate elements for Analog Private Line Transport except the Network Access Channel (NAC). A separate NAC discount structure is specified in 10., following.

- 1. Only Analog Private Line Transport services are eligible for discount pricing consideration for Channel Performance, Transport Mileage, and Optional Features and Functions.
- 2. The discounted price is based on the rates in effect at the time the agreement is signed by the customer.
- 3. The customer must have 21 or more, two-wire equivalent circuits, between two points, or; the circuits to be included in the discount pricing agreement must have a minimum billing of \$5,000.00 per month, before discount.
- 4. In addition to satisfying the minimum eligibility requirements, the discounted price must be above cost.
- 5. The nonrecurring charges, for circuits(s) installed under a discount pricing agreement, are not included under the contract and are those specified in the current catalog.
- 6. The contract period shall be not less than 12 months or more than 60 months.

## 6. RATES AND CHARGES

## 6.1 GENERAL

6.1.1 RATE STABILIZED AND DISCOUNT PRICING

B. Discount Pricing Terms and Conditions (Cont'd)

7. Customers with service under a discount pricing agreement that is within 6 months of expiration may extend their discount pricing agreement rates for a period of 12 months, by notifying the Company in writing of their intent to do so. The 12 month extension will begin upon expiration of the existing discount pricing agreement. Extension of an existing discount pricing agreement is available only for the original customer of record of the service.

At the end of the discount pricing agreement or of the extension (whichever is applicable), the customer must choose to:

- Renew the service under a new discount pricing agreement,
- Continue service under the month-to-month option, or
- Discontinue the service.

If the customer renews the service, the monthly rates for a new discount pricing agreement will be the rates in effect, in the Catalog, on the renewal date. Should the customer not make a choice by the end of the existing discount pricing agreement or extension period, the rates will automatically revert to the month-to-month option.

8. A termination charge may apply if a customer falls below 80% of the billing level of the agreement. The termination charge is as specified in 2.4.5, preceding.

If a customer completely cancels all or a portion of the contracted service at any time during the term of the agreement, a termination charge may apply as specified in 2.4.5, preceding.

## 6. RATES AND CHARGES

## 6.1 GENERAL

6.1.1 RATE STABILIZED AND DISCOUNT PRICING

B. Discount Pricing Terms and Conditions (Cont'd)

9. Analog Discount Schedule

The rates for Channel Performance, Transport Mileage, and Optional Features and Functions do not include discounts for length of agreement or quantity of circuits. Based on specific customer network evaluations, a contract may be written for these rate elements that includes discounts of up to a maximum of 15% on an additive basis. (These contracts will be filed in accordance with WAC 480-80-330.)

## LENGTH OF AGREEMENT

**DISCOUNT** up to 3%

12 through 35 months 36 through 59 months 60 months

(Plus)

## **QUANTITY OF CIRCUITS**

0 through 20 Over 20 up to 10% up to 15%

DISCOUNT

Not Eligible up to 5%

## 6. RATES AND CHARGES

## 6.1 GENERAL

6.1.1 RATE STABILIZED AND DISCOUNT PRICING

B. Discount Pricing Terms and Conditions (Cont'd)

10. Network Access Channel (NAC) Discount Pricing

Discount pricing for NACs is available to Analog Private Line Transport Services, and is determined based on the length of the term of the agreement, the quantity of NACs between two points (the same customer location and serving wire center), and if the equivalent two-wire quantity of NACs is greater than 50, the airline distance from the customer to the serving wire center. One four-wire NAC is equivalent to two two-wire NACs.

- a. To be eligible for a discount on the NAC, the customer must have more than 50, two-wire equivalent NACs between a customer location and the serving wire center. Customers with 50 NACs or less will be charged the effective rate specified elsewhere in this Catalog.
- b. The rates for all two-wire equivalent NACs over 50 are developed on an individual case basis (ICB). The actual rate paid by the customer is determined by adding the specified rates for the first 50 NACs to the ICB price for all NACs over 50.

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## 6. RATES AND CHARGES

## 6.1 GENERAL

- 6.1.1 RATE STABILIZED AND DISCOUNT PRICING
  - B.10. (Cont'd)
    - c. NAC Discount Rate Elements

Discounted Network Access Channel (NAC)	USOC	Monthly Rate
<ul><li>Two-Wire</li><li>Four-Wire</li></ul>	1CL2X 1CL4X	[1] [1]

## d. NAC Discount Schedule

• Per two-wire NAC[2]

NAC QUANTITY	12-35 Month	36-59 Month	60 Month
	Term Rate	Term Rate	Term Rate
1 to 50[3]	\$16.50	\$16.50	\$16.50

- [1] The monthly rate for Discount Network Access Channels will be specified in the Company's Service Agreement.
- [2] The four-wire rate is double the two-wire rate.
- [3] The rates for two-wire equivalent NACs over 50 are developed on an individual case basis (ICB).

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## 6. RATES AND CHARGES

#### 6.2 SERVICE OFFERINGS

#### 6.2.1 LOW SPEED DATA SERVICE

		USOC	Nonrecurring Charge	Monthly Rate
A.	Service Provisioning Charge			
	<ul><li>Initial</li><li>Subsequent</li></ul>	SCH SCHAX	\$310.00 170.00	
B.	Network Access Channel (NAC), per termination			
	<ul><li> Two-wire</li><li> Four-wire</li></ul>	1DC2X 1DC4X		\$16.50 33.00
C.	Channel Performance (CP)			
	End-to-End, per termination			
	<ul> <li>LS31 Control Status Channel</li> <li>LS31 McCulloh Alarm-Type</li> <li>LS31 DC Channel[1]</li> <li>LS31 Telegraph</li> </ul>	PCWSX PCWTX PCWWX	115.00 115.00 115.00	11.95 6.65 1.35
	<ul> <li>0 to 75 baud</li> <li>0 to 150 baud</li> <li>Custom[2]</li> </ul>	PCWUX PCWVX PJPLS	115.00 115.00 ICB	15.70 16.60 ICB

- Requests for new service will be provided on an intra-wire center basis only. Service in place prior to May 2, 1988 on an inter-wire center basis is Grandfathered [1] to the existing location.
- [2] Custom Channel Performance is as described in 5.1.2.D.

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.1 LOW SPEED DATA SERVICE (Cont'd)

## D. Transport Mileage (TM)

	USOC	Nonrecurring Charge	Monthly Rate
Mileage Bands			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX1 3LBXA	\$65.00 _	\$20.25 0.80
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX2 3LBXB	65.00	20.30 0.90
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX3 3LBXC	65.00	20.30 1.00
<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX4 3LBXD	65.00	20.50 1.10

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.1 LOW SPEED DATA SERVICE (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
E.	Optional Features and Functions			
	• Bridging			
	<ul> <li>McCulloh Bridging, per port</li> <li>Telegraph Bridging, per port</li> </ul>	B5NHF	\$10.00	\$ 5.00
	- 0 to 75 baud	<b>B5NJF</b>	10.00	18.00
	- 0 to 150 baud	B5NKF	10.00	55.00
	- Direct Bridging, per port	BMW	10.00	_

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## 6. RATES AND CHARGES

#### **SERVICE OFFERINGS (Cont'd)** 6.2

#### 6.2.2 **VOICE GRADE SERVICE**

		USOC	Nonrecurring Charge	MONTHLY RATE
A. Service Pro	visioning Charge			
<ul><li>Initial</li><li>Subseque</li></ul>	ent	SCH SCHAX	\$310.00 170.00	
B. Network A per termina	ccess Channel (NAC), tion			
<ul><li> Two-wire</li><li> Four-wire</li></ul>		1DC2X 1DC4X	-	\$16.50 33.00
C. Channel Pe	erformance (CP)			
1. End-Link per termin	or Mid-Link, ation			
- Loop - Ty - Ty - Ty - Ty - Ty - Ty	ignaling -Start Signaling ype - LA ype - LB ype - LC ype - LO ype - LS	PCWEX PCWAX PCWBX PCWCX PJWCX PJWHX	115.00 115.00 115.00 115.00 115.00	12.10 14.10 13.00 11.00 7.25 13.50
- SF Si	gnaling	PCWZX	115.00	11.00
- Auto	ringdown	PCWGX	115.00	15.00

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

- 6.2.2 **VOICE GRADE SERVICE** 
  - C.1. (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
<ul> <li>Voice Grade 3 <ul> <li>No Signaling</li> <li>Loop-Start Signaling</li> <li>Ground-Start Signaling</li> <li>E &amp; M Signaling</li> <li>SF Signaling</li> </ul> </li> </ul>	PCWEX	\$115.00	\$ 6.00
	PCWYX	115.00	17.75
	PCWJX	115.00	16.65
	PCWKX	115.00	20.65
	PCWZX	115.00	17.40
<ul> <li>Voice Grade 5</li> <li>No Signaling</li> <li>Data Stream</li> </ul>	PCWEX	115.00	12.20
	PCWLX	115.00	12.50
<ul> <li>Voice Grade 6</li> <li>No Signaling</li> <li>Data Stream</li> </ul>	PCWEX	115.00	11.25
	PCWLX	115.00	11.40
<ul> <li>Voice Grade 7 <ul> <li>No Signaling</li> <li>Loop-Start Signaling</li> <li>Type - LA</li> <li>Type - LB</li> <li>Type - LC</li> <li>Type - LO</li> <li>Type - LS</li> </ul> </li> <li>Ground-Start Signaling</li> <li>E &amp; M Signaling</li> <li>SF Signaling</li> </ul>	PCWEX PCWAX PCWBX PCWCX PJWCX PJWHX PCWJX PCWXX PCWXX	115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00	11.60 $17.10$ $15.60$ $10.85$ $10.40$ $9.50$ $8.85$ $22.20$ $13.00$

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.2 **VOICE GRADE SERVICE**

C.1. (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
<ul> <li>Voice Grade 10</li> <li>No Signaling</li> <li>Data Stream</li> </ul>	PCWEX PCWLX	\$115.00 115.00	\$ 9.40 15.45
<ul> <li>Voice Grade 12</li> <li>No Signaling</li> <li>Data Stream</li> </ul>	PCWEX PCWLX	115.00 115.00	11.60 15.60
<ul> <li>Voice Grade Basic</li> <li>No Signaling</li> </ul>	PCWEX	115.00	9.10
• Custom	PJPVG	ICB	ICB
<ul> <li>Voice Grade WATS</li> <li>Loop-Start Signaling</li> </ul>	PCWYX	115.00	5.00

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### **PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

## 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

## 6.2.2 VOICE GRADE SERVICE

C. Channel Performance (CP) (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
2.	End-to-End, per termination			
	<ul> <li>Voice Grade 32 <ul> <li>No Signaling</li> <li>Loop-Start Signaling</li> <li>Type - LA</li> <li>Type - LB</li> <li>Type - LC</li> <li>Type - LG</li> <li>Type - LO</li> <li>Type - LS</li> </ul> </li> </ul>	PCWEX PCWAX PCWBX PCWCX PCW8X PJWCX PJWHX	\$115.00 115.00 115.00 115.00 115.00 115.00 115.00	\$ 8.15 10.15 8.90 8.25 16.00 9.10 9.05
	<ul> <li>Auto ringdown</li> <li>Voice Grade 33 <ul> <li>No Signaling</li> <li>Ground-Start Signaling</li> <li>E &amp; M Signaling</li> <li>Reverse Battery</li> </ul> </li> </ul>	PCWGX PCWEX PCWJX PCWKX PCW1X	115.00 115.00 115.00 115.00 115.00	6.40 10.60 9.10 17.70 6.40
	Signaling[1] • Voice Grade 36 - No Signaling - Data Stream	PCW1X PCWEX PCWLX	115.00 115.00 115.00	11.60 13.50
	<ul> <li>Voice Grade Basic</li> <li>No Signaling</li> <li>Custom[2]</li> </ul>	PCWEX PJPVG	115.00 ICB	9.10 ICB
	- ···· · []			

- [1] Available to Radio Common Carriers within the same wire center only.
- [2] Custom Channel Performance is as described in 5.1.2.D.

### NOTICE

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## 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

## 6.2.2 VOICE GRADE SERVICE (Cont'd)

## D. Transport Mileage (TM)

	USOC	Nonrecurring Charge	Monthly Rate
Mileage Bands			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX1 3LBXA	\$65.00	\$20.25 0.80
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX2 3LBXB	65.00	20.30 0.90
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX3 3LBXC	65.00	20.30 1.00
<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX4 3LBXD	65.00	20.50 1.10

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### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

## 6.2.2 VOICE GRADE SERVICE (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
E. Optional Features and Functions			
1. Bridging			
a. Resistive Bridging (Voice/Data), per port			
<ul><li> Two-wire</li><li> Four-wire</li></ul>	B5NA2 B5NA4	\$10.00 10.00	\$ 5.00 5.00
b. Bridge Lifter, per port	BLBV2	10.00	5.00
c. Split Frequency Bridging, per port			
<ul><li> Two-wire</li><li> Four-wire</li></ul>	B5NVB B5NVC	10.00 10.00	7.50 8.00
d. Passive Bridging, per port	B5NVP	10.00	10.00
e. Summation Bridging, per port	B5NVS	10.00	10.00
2. Transfer Arrangement, per port			
<ul><li> Two-wire</li><li> Four-wire</li></ul>	USY2X USY4X	10.00 10.00	$10.00 \\ 12.00$

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.2 **VOICE GRADE SERVICE**

E. Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
3.	Conditioning, per NAC			
	<ul> <li>End-Link or Mid-Link Application <ul> <li>C Conditioning</li> <li>Data Capability</li> <li>Improved Attenuation</li> </ul> </li> </ul>	X1CPT XDCPT	\$24.00 24.00	\$5.00 5.00
	Distortion - Improved Envelope Delay	UHW	24.00	5.00
	Distortion	UHY	24.00	5.00
	<ul> <li>End-to-End Application</li> <li>C1 Conditioning</li> <li>C2 Conditioning</li> <li>C4 Conditioning</li> <li>D1 Conditioning</li> </ul>	O1B O2B O4B O1D	24.00 24.00 24.00 24.00	$1.50 \\ 1.50 \\ 4.50 \\ 0.50$
4.	Data Enhancement (End-to-End Application), per NAC	3BE	24.00	2.00
5.	Data Channel Terminating Equipment, per NAC			
	• Option 1			
	Central Office Powered Data Equalization with 2713 Hz tone	LBA	_	5.00
	• Option 2			
	Customer Powered DTMF, addressable loop back	LBJ	_	5.00

## **PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

## 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

## 6.2.2 VOICE GRADE SERVICE

E. Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
6.	Effective Four-Wire Transmission, per NAC (at the two-wire interface)	HBD	\$14.00	\$ 9.30
7.	Equal Level Echo Path Loss, per NAC	ORP	14.00	6.20
8.	Improved Return Loss, per NAC	1QA2W	14.00	8.50
9.	Improved Termination, per NAC	CP6	14.00	10.00
10.	Improved Transmission Specification on Two-wire VGW, per NAC	X2T	14.00	3.35
11.	DDS Hub Off Network Extension, per port			
	<ul> <li>2.4 kbit/s</li> <li>4.8 kbit/s</li> <li>9.6 kbit/s</li> </ul>	CQN CQN CQN	ICB ICB ICB	ICB ICB ICB
12.	Customer Specified Levels, per NAC	RLS	_	5.00

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## 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS (Cont'd)

## 6.2.4 LOCAL AREA DATA SERVICE (LADS)

		USOC	Nonrecurring Charge	Monthly Rate
A.	Service Provisioning Charge			
	<ul><li>Initial</li><li>Subsequent</li></ul>	SCH SCHAX	\$310.00 170.00	
B.	Network Access Channel (NAC), per termination			
	<ul><li> Two-wire</li><li> Four-wire</li></ul>	1DC2X 1DC4X		\$16.50 33.00
C.	Channel Performance (CP), per termination	PCWXX	115.00	10.00
D.	Transport Mileage (TM)	N/A	_	_

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS (Cont'd)**

#### 6.2.5 **AUDIO SERVICE**

		USOC	Nonrecurring Charge	MONTHLY RATE
A.	Service Provisioning Charges			
	<ul><li>Initial</li><li>Subsequent</li></ul>	SCH SCHAX	\$310.00 170.00	
B.	Network Access Channel (NAC), per termination			
	• Two-wire	1DC2X	_	\$16.50
C.	Channel Performance (CP)			
	End-to-End, per termination			
	<ul> <li>AP31 (3.0 kHz)</li> <li>Non-equalized</li> <li>Equalized</li> <li>AP32 (5.0 kHz) equalized</li> <li>AP33 (8.0 kHz) equalized</li> <li>Custom[1]</li> </ul>	PCWNX PCWMX PCWOX PCWQX PJPAP	X 115.00 115.00	9.10 9.10 8.70 12.00 ICB

[1] Custom Channel Performance is as described in 5.1.2.D.

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.5 AUDIO SERVICE (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
D. Transport Mileage (TM)			
1. AP31			
Mileage Bands			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX1 3LBXA	\$65.00 _	\$20.25 0.80
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX2 3LBXB	65.00	20.30 0.90
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX3 3LBXC	65.00	20.30 1.00
<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX4 3LBXD	65.00	20.50 1.10

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

## 6.2.5 AUDIO SERVICE D. Transport Mileage (TM) (Cont'd)

).	Transport Mileage (TM) (Cont'd)	USOC	Nonrecurring Charge	Monthly Rate
2.	AP32			
	Mileage Bands			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX1 3LBXA	\$65.00	\$40.50 1.60
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX2 3LBXB	65.00	40.60 1.80
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX3 3LBXC	65.00	40.60 2.00
	<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX4 3LBXD	65.00	41.00 2.20

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## 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

## 6.2.5 AUDIO SERVICE D. Transport Mileage (TM) (Cont'd)

D. Transport Mileage (TM) (Cont'd)	USOC	Nonrecurring Charge	Monthly Rate
3. AP33			
Mileage Bands			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX1 3LBXA	\$65.00	\$60.75 3.75
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX2 3LBXB	65.00	60.90 4.05
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX3 3LBXC	65.00	60.90 4.35
<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX4 3LBXD	65.00	61.50 4.65
E. Optional Features and Functions			
<ul> <li>Bridging, per port</li> <li>AP1/AP31 - 3.5/3.0 kHz</li> <li>AP2/AP32 - 5.0 kHz</li> <li>AP3/AP33 - 8.0 kHz</li> </ul>	BCNPT BCNPT BCNPT	5.00 5.00 5.00	5.00 5.00 5.00

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## 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS (Cont'd)

## 6.2.6 EXCHANGE SERVICE EXTENSIONS (NON-PBX)

		USOC	Nonrecurring Charge	Monthly Rate
A.	Service Provisioning Charge			
	<ul><li>Initial</li><li>Subsequent</li><li>Same Wire Center</li></ul>	SCH SCHAX	\$310.00 170.00	_
	Initial and Subsequent	SCHXX	80.00	_
B.	Network Access Channel (NAC), per termination			
	• Two-wire	1DC2X	_	\$16.50
C.	Channel Performance (CP), per termination	PJWGX	100.00	9.10

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### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

## 6.2.6 EXCHANGE SERVICE EXTENSIONS (NON-PBX) (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
D.	Transport Mileage (TM)			
	Mileage Bands			
	• Over 0 to 8 - Fixed - Per mile	FQYX1 3LBXA	\$65.00	\$20.25 0.80
	• Over 8 to 25 - Fixed - Per mile	FQYX2 3LBXB	65.00	20.30 0.90
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX3 3LBXC	65.00	20.30 1.00
	• Over 50 - Fixed - Per mile	FQYX4 3LBXD	65.00	20.50 1.10
E.	Optional Features and Functions			
	• CO Relay, each	C97	10.00	10.00

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## 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS (Cont'd)

## 6.2.7 FOREIGN CENTRAL OFFICE SERVICE

		USOC	Nonrecurring Charge	Monthly Rate
A.	Service Provisioning Charge			
	<ul><li>Initial</li><li>Subsequent</li></ul>	SCH SCHAX	\$310.00 170.00	
B.	Network Access Channel (NAC), per termination			
	• Two-wire	1DC2X	_	\$16.50
C.	Channel Performance (CP), per termination			
	<ul><li> Loop-Start Signaling</li><li> Ground-Start Signaling</li><li> Reverse Battery Signaling</li></ul>	PJWFX PJWMX PJWZX	115.00 115.00 115.00	9.10 9.10 6.35
D.	Transport Mileage (TM)			
	Mileage Bands			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX1 3LBXA	65.00	20.25 0.80
	• Over 8 to 25 - Fixed - Per mile	FQYX2 3LBXB	65.00 -	20.30 0.90
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX3 3LBXC	65.00	20.30 1.00
	• Over 50 - Fixed - Per mile	FQYX4 3LBXD	65.00	20.50 1.10

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## Original Sheet 28

## 6. RATES AND CHARGES

#### **SERVICE OFFERINGS (Cont'd)** 6.2

#### 6.2.8 **TELEPHONE ANSWERING SERVICE**

		USOC	Nonrecurring Charge	Monthly Rate
A.	Service Provisioning Charge			
	<ul><li>Initial</li><li>Subsequent</li><li>Same Wire Center,</li></ul>	SCH SCHAX	\$310.00 170.00	
	Initial and Subsequent	SCHXX	80.00	_
B.	Network Access Channel (NAC), per termination			
	• Two-wire	1DC2X	_	\$16.50
C.	Channel Performance (CP), per termination	PJWJX	100.00	9.10

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

## 6.2.8 TELEPHONE ANSWERING SERVICE (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
D.	Transport Mileage (TM)			
	Mileage Bands			
	• Over 0 to 8 - Fixed - Per mile	FQYX1 3LBXA	\$65.00 _	\$20.25 0.80
	• Over 8 to 25 - Fixed - Per mile	FQYX2 3LBXB	65.00	20.30 0.90
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX3 3LBXC	65.00	20.30 1.00
	• Over 50 - Fixed - Per mile	FQYX4 3LBXD	65.00	20.50 1.10
E.	Optional Features and Functions			
	• Telephone Answering Service with Privacy (Key Arrangements)			
	- CO relay, each	C97	10.00	10.00

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.10 **DIGITAL DATA SERVICE**

	USOC	Nonrecurring Charge	Monthly Rate
A. Month-to-Month			
1. Service Provisioning Charge			
<ul><li>Initial</li><li>Subsequent</li></ul>	SCH SCHAX	\$310.00 170.00	_ _
2. Channel Termination (CT)			
<ul> <li>2.4 kbit/s</li> <li>4.8 kbit/s</li> <li>9.6 kbit/s</li> <li>19.2 kbit/s</li> <li>56 kbit/s</li> <li>64 kbit/s</li> </ul>	TYN2X TYN4X TYN9X TYN1X TYN5X TYN6X	65.00 65.00 65.00 65.00 65.00 65.00	\$65.00 65.00 80.00 80.00 95.00 95.00
3. Transport Mileage (TM)			
Mileage Bands			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX1 3LBXA	115.00	45.00 0.45
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX2 3LBXB	115.00	45.00 0.45
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX3 3LBXC	115.00	45.00 0.45
<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX4 3LBXD	115.00	45.00 0.45

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.10 **DIGITAL DATA SERVICE**

A. Month-to-Month (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
4.	Optional Features and Functions			
a.	Bridging, per port	BCNDA	\$ 10.00	\$10.00
b.	Secondary Channel, per Demarcation Point[1]	SCA	125.00	15.00
c.	Central Office Multiplexing, per arrangement[2]			
	<ul> <li>DS0 to Subrates <ul> <li>Up to twenty 2.4 kbit/s services</li> <li>Up to ten 4.8 kbit/s services</li> <li>Up to five 9.6 kbit/s services</li> </ul> </li> </ul>	QSU24 QSU48 QSU96	100.00 90.00 80.00	90.00 80.00 70.00
d.	Central Office Multiplexer to Multiplexer Connecting Arrangement, per arrangement			
	<ul> <li>Subrate to Subrate</li> <li>Subrate to Subrate with Secondary</li> </ul>	PYVD5	12.00	10.00
	<ul> <li>Channel</li> <li>DS0 to DS0</li> <li>DS0 to DS0 with</li> </ul>	PYVD7 PYVD4	12.00 12.00	$\begin{array}{c} 10.00\\ 10.00 \end{array}$
	Secondary Channel	PYVD6	12.00	10.00

- The nonrecurring charge applies when this feature is installed subsequent to the [1] initial installation of service.
- The nonrecurring charge applies when the Multiplexer is not installed at the same [2] time as a DDS Channel Termination.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.10 **DIGITAL DATA SERVICE (Cont'd)**

	USOC	Nonrecurring Charge	Monthly Rate
B. 36 - 59 Months			
1. Service Provisioning Charge			
<ul><li>Initial</li><li>Subsequent</li></ul>	SCH SCHAX	\$310.00 170.00	
2. Channel Termination (CT)			
<ul> <li>2.4 kbit/s</li> <li>4.8 kbit/s</li> <li>9.6 kbit/s</li> <li>19.2 kbit/s</li> <li>56 kbit/s</li> <li>64 kbit/s</li> </ul>	TYN2X TYN4X TYN9X TYN1X TYN5X TYN6X	65.00 65.00 65.00 65.00 65.00 65.00	\$61.75 61.75 76.00 76.00 90.25 90.25
3. Transport Mileage (TM)			
Mileage Bands			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX1 3LBXA	115.00	42.75 0.42
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX2 3LBXB	115.00	42.75 0.42
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX3 3LBXC	115.00	42.75 0.42
<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX4 3LBXD	115.00	42.75 0.42

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.10 **DIGITAL DATA SERVICE**

B. 36 - 59 Months (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
4.	Optional Features and Functions			
a.	Bridging, per port	BCNDA	\$ 10.00	\$ 9.50
b.	Secondary Channel, per Demarcation Point[1]	SCA	125.00	14.25
c.	Central Office Multiplexing, per arrangement[2]			
	<ul> <li>DS0 to Subrates <ul> <li>Up to twenty 2.4 kbit/s services</li> <li>Up to ten 4.8 kbit/s services</li> <li>Up to five 9.6 kbit/s services</li> </ul> </li> </ul>	QSU24 QSU48 QSU96	100.00 90.00 80.00	85.50 76.00 66.50
d.	Central Office Multiplexer to Multiplexer Connecting Arrangement, per arrangement			
	<ul> <li>Subrate to Subrate</li> <li>Subrate to Subrate with Secondary</li> </ul>	PYVD5	12.00	9.50
	<ul> <li>Channel</li> <li>DS0 to DS0</li> <li>DS0 to DS0 with</li> </ul>	PYVD7 PYVD4	12.00 12.00	9.50 9.50
	Secondary Channel	PYVD6	12.00	9.50

- The nonrecurring charge applies when this feature is installed subsequent to the [1] initial installation of service.
- The nonrecurring charge applies when the Multiplexer is not installed at the same [2] time as a DDS Channel Termination.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.10 **DIGITAL DATA SERVICE (Cont'd)**

	USOC	Nonrecurring Charge	Monthly Rate
C. 60 Months			
1. Service Provisioning Charge			
<ul><li>Initial</li><li>Subsequent</li></ul>	SCH SCHAX	\$310.00 170.00	_
2. Channel Termination (CT)			
<ul> <li>2.4 kbit/s</li> <li>4.8 kbit/s</li> <li>9.6 kbit/s</li> <li>19.2 kbit/s</li> <li>56 kbit/s</li> <li>64 kbit/s</li> </ul>	TYN2X TYN4X TYN9X TYN1X TYN5X TYN6X	65.00 65.00 65.00 65.00 65.00 65.00	\$58.50 58.50 72.00 72.00 85.50 85.50
3. Transport Mileage (TM)			
Mileage Bands			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX1 3LBXA	115.00	40.50 0.40
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX2 3LBXB	115.00	40.50 0.40
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX3 3LBXC	115.00	40.50 0.40
<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX4 3LBXD	115.00	40.50 0.40

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.10 **DIGITAL DATA SERVICE**

C. 60 Months (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
4.	Optional Features and Functions			
a.	Bridging, per port	BCNDA	\$ 10.00	\$ 9.00
b.	Secondary Channel, per Demarcation Point[1]	SCA	125.00	13.50
c.	Central Office Multiplexing, per arrangement[2]			
	<ul> <li>DS0 to Subrates <ul> <li>Up to twenty 2.4 kbit/s services</li> <li>Up to ten 4.8 kbit/s services</li> <li>Up to five 9.6 kbit/s services</li> </ul> </li> </ul>	QSU24 QSU48 QSU96	100.00 90.00 80.00	81.00 72.00 63.00
d.	Central Office Multiplexer to Multiplexer Connecting Arrangement, per arrangement			
	<ul> <li>Subrate to Subrate</li> <li>Subrate to Subrate with Secondary</li> </ul>	PYVD5	12.00	9.00
	<ul> <li>Channel</li> <li>DS0 to DS0</li> <li>DS0 to DS0 with</li> </ul>	PYVD7 PYVD4	12.00 12.00	9.00 9.00
	Secondary Channel	PYVD6	12.00	9.00

- The nonrecurring charge applies when this feature is installed subsequent to the [1] initial installation of service.
- The nonrecurring charge applies when the Multiplexer is not installed at the same [2] time as a DDS Channel Termination.

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**SECTION 6** Original Sheet 36

## 6. RATES AND CHARGES

#### 6.2 SERVICE OFFERINGS

#### 6.2.11 **DS1 SERVICE**

A. Rates and Charges

When DS1 service is ordered, the nonrecurring charges and rates apply, as shown herein. Customers are required to sign a service agreement for one year through seven year service periods.

### 1. Month-to-Month

	USOC	Nonrecurring Charge	Monthly Rate
a. Channel Termination			
(1) Initial, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	\$340.00 340.00	\$150.00 142.50
(2) Subsequent, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	316.00 316.00	150.00 142.50

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### 6. RATES AND CHARGES

### 6.2 SERVICE OFFERINGS

## 6.2.11 DS1 SERVICE

A.1. (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
b. Transport Mileage (TM)[1]			
(1) 1 through 5 circuits			
Mileage Bands			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP1 JZ3PA	\$285.00	\$73.86 2.04
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP2 JZ3PB	285.00	74.22 2.86
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP3 JZ3PC	285.00	74.81 2.65
<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP4 JZ3PD	285.00	77.43 2.86

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.
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## 6. RATES AND CHARGES

#### 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

A.1.b.(Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
(2) 6 circuits and above			
Mileage Bands[1]			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ1 JZ3QA	\$285.00	\$ 73.86 2.04
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ2 JZ3QB	285.00	74.22 2.86
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ3 JZ3QC	285.00	74.81 2.65
<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ4 JZ3QD	285.00	77.43 2.86
c. Optional Features and Function	S		
(1) Central Office Multiplexing, per arrangement[2]			
• DS1 to Voice/Data	MQ1	150.00	300.00
• DS1 to DS0	QMU	150.00	300.00

- [1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.
- [2] Nonrecurring charges apply when multiplexing is not installed at the same time as a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

#### 6.2 SERVICE OFFERINGS

#### 6.2.11 DS1 SERVICE

A.1.c. (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
(2)	Central Office Multiplexer to Multiplexer Connecting Arrangement, per connection			
	• Between two multiplexers at the DS1 level	PYVM8	\$30.00	\$5.00
	• Between two multiplexers at the DS1 level and optioned for B8ZS line code	PYVM9	30.00	5.00
	• Voice Connecting Arrangement without Signaling[1]	PYVV1	72.00	_
	• Voice Connecting Arrangement with Tandem Signaling[1]	PYVV2	72.00	2.55

[1] Nonrecurring charge applies only if installed subsequent to the initial installation of the service.

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

#### 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

A.1.c.(Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
(3)	Clear Channel Capability, per termination			
	• B8ZS	CLR	_	_
(4)	Central Office 1.544 Mbit/s Connecting Channel, per connection			
	• Between two different 1.544 Mbit/s not installed as one service	CU5BD	\$ 30.00	\$ 3.00
(5)	Automatic Loop Transfer, per arrangement[1]	T59	20.00	45.00
(6)	Self Healing Alternate Route Protection (SHARP), per channel termination[2]			
	<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	SHNLX SHNMX	600.00 600.00	75.00 71.25

- [1] An additional Channel Termination Charge will apply whenever the spare line is provided as a leg to the customer premises.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

## 6.2.11 DS1 SERVICE

- A. Rates and Charges (Cont'd)
  - 2. One Year Contract

	USOC	Nonrecurring Charge	Monthly Rate
a. Channel Termination			
(1) Initial, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	\$340.00 340.00	\$141.00 133.95
(2) Subsequent, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	316.00 316.00	141.00 133.95
b. Transport Mileage (TM)			
(1) 1 through 5 circuits			
Mileage Bands[1]			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP1 JZ3PA	285.00	73.86 2.04
• Over 8 to 25 - Fixed - Per mile	XUWP2 JZ3PB	285.00	74.22 2.86
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP3 JZ3PC	285.00	74.81 2.65
<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP4 JZ3PD	285.00	77.43 2.86

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

# **6.2.11 DS1 SERVICE**

- A. Rates and Charges2. One Year Contract
- - b. Transport Mileage (TM) (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(2)	6 circuits and above			
	Mileage Bands[1]			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ1 JZ3QA	\$285.00	\$73.86 2.04
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ2 JZ3QB	285.00	74.22 2.86
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ3 JZ3QC	285.00	74.81 2.65
	• Over 50 - Fixed - Per mile	XUWQ4 JZ3QD	285.00	77.43 2.86

Nonrecurring charges apply to Transport Mileage when installed without a Channel [1] Termination.

#### NOTICE

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### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges
  - 2. One Year Contract (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
c. Optional Features and Functions			
(1) Central Office Multiplexing, per arrangement[1]			
• DS1 to Voice/Data	MQ1	\$150.00	\$300.00
• DS1 to DS0	QMU	150.00	300.00

[1] Nonrecurring charges apply when multiplexing is not installed at the same time as a Channel Termination.

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#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

# 6.2.11 DS1 SERVICE

- A. Rates and Charges2. One Year Contract
  - - c. Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
(2)	Central Office Multiplexer to Multiplexer Connecting Arrangement, per connection			
	• Between two multiplexers at the DS1 level	PYVM8	\$30.00	\$5.00
	• Between two multiplexers at the DS1 level and optioned for B8ZS line code	PYVM9	30.00	5.00
	• Voice Connecting Arrangement without Signaling[1]	PYVV1	72.00	_
	• Voice Connecting Arrangement with Tandem Signaling[1]	PYVV2	72.00	2.55

Nonrecurring charge applies only if installed subsequent to the initial installation of [1] the service.

# NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges
  - 2. One Year Contract
    - c. Optional Features and Functions (Cont'd)

		USOC	NONRECURRING CHARGE	MONTHLY RATE
(3)	Clear Channel Capability, per termination			
	• B8ZS	CLR	_	_
(4)	Central Office 1.544 Mbit/s Connecting Channel, per connection			
•	Between two different 1.544 Mbit/s not installed as one service	CU5BD	\$ 30.00	\$ 3.00
(5)	Automatic Loop Transfer, per arrangement[1]	T59	20.00	45.00
(6)	Self Healing Alternate Route Protection (SHARP), per channel termination[2]			
	<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	SHNLX SHNMX	600.00 600.00	72.75 69.11

- [1] An additional Channel Termination Charge will apply whenever the spare line is provided as a leg to the customer premises.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

### 6. RATES AND CHARGES

### 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges(Cont'd)
  - 3. Two Year Contract

	USOC	Nonrecurring Charge	Monthly Rate
a. Channel Termination			
(1) Initial, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	\$340.00 340.00	\$133.95 127.25
(2) Subsequent, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	316.00 316.00	133.95 127.25
b. Transport Mileage (TM)			
(1) 1 through 5 circuits			
Mileage Bands[1]			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP1 JZ3PA	285.00	73.86 2.04
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP2 JZ3PB	285.00	74.22 2.86
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP3 JZ3PC	285.00	74.81 2.65
• Over 50 - Fixed - Per mile	XUWP4 JZ3PD	285.00	77.43 2.86

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges3. Two Year Contract
  - b. Transport Mileage (TM) (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(2)	6 circuits and above			
	Mileage Bands[1]			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ1 JZ3QA	\$285.00	\$73.86 2.04
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ2 JZ3QB	285.00	74.22 2.86
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ3 JZ3QC	285.00	74.81 2.65
	• Over 50 - Fixed - Per mile	XUWQ4 JZ3QD	285.00	77.43 2.86

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.11 **DS1** SERVICE

- A. Rates and Charges3. Two Year Contract
  - - b. Transport Mileage (TM) (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
(3) Optional Features and Functions			
a. Central Office Multiplexing, per arrangement[1]			
• DS1 to Voice/Data	MQ1	\$150.00	\$285.00
• DS1 to DS0	QMU	150.00	285.00

Nonrecurring charges apply when multiplexing is not installed at the same time as a [1] Channel Termination.

NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.11 **DS1 SERVICE**

- A. Rates and Charges3. Two Year Contract

  - b. Transport Mileage (TM)
  - (3) Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(b)	Central Office Multiplexer to Multiplexer Connecting Arrangement, per connection			
	• Between two multiplexers at the DS1 level	PYVM8	\$30.00	\$5.00
	• Between two multiplexers at the DS1 level and optioned for B8ZS line code	PYVM9	30.00	5.00
	• Voice Connecting Arrangement without Signaling[1]	PYVV1	72.00	_
	• Voice Connecting Arrangement with Tandem Signaling[1]	PYVV2	72.00	2.55

Nonrecurring charge applies only if installed subsequent to the initial installation of [1] the service.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges
  - 3. Two Year Contract
  - b. Transport Mileage (TM)
  - (3) Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(c)	Clear Channel Capability, per termination			
	• B8ZS	CLR	_	_
(d)	Central Office 1.544 Mbit/s Connecting Channel, per connection			
	• Between two different 1.544 Mbit/s not installed as one service	CU5BD	\$ 30.00	\$ 3.00
(e)	Automatic Loop Transfer, per arrangement[1]	T59	20.00	45.00
(f)	Self Healing Alternate Route Protection (SHARP), per channel termination[2]			
	<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	SHNLX SHNMX	600.00 600.00	70.57 67.04

- [1] An additional Channel Termination Charge will apply whenever the spare line is provided as a leg to the customer premises.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

## 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges (Cont'd)
  - 4. Three Year Contract

	USOC	Nonrecurring Charge	Monthly Rate
a. Channel Termination			
(1) Initial, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	\$340.00 340.00	\$126.90 120.56
(2) Subsequent, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	316.00 316.00	126.90 120.56
b. Transport Mileage (TM)			
(1) 1 through 5 circuits			
Mileage Bands[1]			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP1 JZ3PA	285.00	73.86 2.04
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP2 JZ3PB	285.00	74.22 2.86
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP3 JZ3PC	285.00	74.81 2.65
• Over 50 - Fixed - Per mile	XUWP4 JZ3PD	285.00	77.43 2.86

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.

#### NOTICE ATION CONTAINED IN THIS DOCUMENT IS SUBJECT "

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.11 **DS1** SERVICE

- A. Rates and Charges4. Three Year Contract

  - b. Transport Mileage (TM) (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(2)	6 circuits and above			
	Mileage Bands[1]			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ1 JZ3QA	\$285.00	\$73.86 2.04
	• Over 8 to 25 - Fixed - Per mile	XUWQ2 JZ3QB	285.00	74.22 2.86
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ3 JZ3QC	285.00	74.81 2.65
	• Over 50 - Fixed - Per mile	XUWQ4 JZ3QD	285.00	77.43 2.86

Nonrecurring charges apply to Transport Mileage when installed without a Channel [1] Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.11 **DS1** SERVICE

- A. Rates and Charges4. Three Year Contract (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
c. Optional Features and Functions			
(1) Central Office Multiplexing, per arrangement[1]			
• DS1 to Voice/Data	MQ1	\$150.00	\$270.00
• DS1 to DS0	QMU	150.00	270.00

Nonrecurring charges apply when multiplexing is not installed at the same time as a [1] Channel Termination.

NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.11 **DS1 SERVICE**

- A. Rates and Charges4. Three Year Contract
  - - c. Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
(2)	Central Office Multiplexer to Multiplexer Connecting Arrangement, per connection			
	• Between two multiplexers at the DS1 level	PYVM8	\$30.00	\$5.00
	• Between two multiplexers at the DS1 level and optioned for B8ZS line code	PYVM9	30.00	5.00
	• Voice Connecting Arrangement without Signaling[1]	PYVV1	72.00	_
	• Voice Connecting Arrangement with Tandem Signaling[1]	PYVV2	72.00	2.55

Nonrecurring charge applies only if installed subsequent to the initial installation of [1] the service.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.11 **DS1 SERVICE**

- A. Rates and Charges4. Three Year Contract

  - c. Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
(3)	Clear Channel Capability, per termination		0	
	• B8ZS	CLR	_	_
(4)	Central Office 1.544 Mbit/s Connecting Channel, per connection			
•	Between two different 1.544 Mbit/s not installed as one service	CU5BD	\$ 30.00	\$ 3.00
(5)	Automatic Loop Transfer, per arrangement[1]	T59	20.00	45.00
(6)	Self Healing Alternate Route Protection (SHARP), per channel termination[2]			
	<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	SHNLX SHNMX	600.00 600.00	68.45 65.03

- An additional Channel Termination Charge will apply whenever the spare line is 1] provided as a leg to the customer premises.
- Nonrecurring charges apply when the SHARP is not installed at the same time as a [2] Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

## 6.2.11 DS1 SERVICE

- A. Rates and Charges (Cont'd)
  - 5. Four Year Contract

	USOC	Nonrecurring Charge	Monthly Rate
a. Channel Termination			
(1) Initial, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	\$340.00 340.00	\$119.85 113.86
(2) Subsequent, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	316.00 316.00	119.85 113.86
b. Transport Mileage (TM)			
(1) 1 through 5 circuits			
Mileage Bands[1]			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP1 JZ3PA	285.00	73.86 2.04
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP2 JZ3PB	285.00	74.22 2.86
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP3 JZ3PC	285.00	74.81 2.65
• Over 50 - Fixed - Per mile	XUWP4 JZ3PD	285.00	77.43 2.86

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges
  - 5. Four Year Contract
  - b. Transport Mileage (TM) (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(2)	6 circuits and above			
	Mileage Bands[1]			
	• Over 0 to 8 - Fixed - Per mile	XUWQ1 JZ3QA	\$285.00	\$73.86 2.04
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ2 JZ3QB	285.00	74.22 2.86
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ3 JZ3QC	285.00	74.81 2.65
	• Over 50 - Fixed - Per mile	XUWQ4 JZ3QD	285.00	77.43 2.86

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges
  - 5. Four Year Contract (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
c. Optional Features and Functions			
(1) Central Office Multiplexing, per arrangement[1]			
• DS1 to Voice/Data	MQ1	\$150.00	\$255.00
• DS1 to DS0	QMU	150.00	255.00

[1] Nonrecurring charges apply when multiplexing is not installed at the same time as a Channel Termination.

NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.11 **DS1 SERVICE**

- A. Rates and Charges5. Four Year Contract
  - - c. Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
(2)	Central Office Multiplexer to Multiplexer Connecting Arrangement, per connection			
	• Between two multiplexers at the DS1 level	PYVM8	\$30.00	\$5.00
	• Between two multiplexers at the DS1 level and optioned for B8ZS line code	PYVM9	30.00	5.00
	• Voice Connecting Arrangement without Signaling[1]	PYVV1	72.00	_
	• Voice Connecting Arrangement with Tandem Signaling[1]	PYVV2	72.00	2.55

Nonrecurring charge applies only if installed subsequent to the initial installation of [1] the service.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges
  - 5. Four Year Contract
    - c. Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(3)	Clear Channel Capability, per termination			
	• B8ZS	CLR	-	_
(4)	Central Office 1.544 Mbit/s Connecting Channel, per connection			
	• Between two different 1.544 Mbit/s not installed as one service	CU5BD	\$ 30.00	\$ 3.00
(5)	Automatic Loop Transfer, per arrangement[1]	T59	20.00	45.00
(6)	Self Healing Alternate Route Protection (SHARP), per channel termination[2]			
	<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	SHNLX SHNMX	600.00 600.00	66.40 63.08

- [1] An additional Channel Termination Charge will apply whenever the spare line is provided as a leg to the customer premises.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

## 6.2.11 DS1 SERVICE

- A. Rates and Charges (Cont'd)
  - 6. Five Year Contract

	USOC	Nonrecurring Charge	MONTHLY RATE
a. Channel Termination			
(1) Initial, per termination			
<ul><li>1 through 5 circuits</li><li>6 circuits and above</li></ul>	T7TGG T7TGH	\$340.00 340.00	\$109.98 104.48
(2) Subsequent, per termination			
<ul><li>1 through 5 circuits</li><li>6 circuits and above</li></ul>	T7TGG T7TGH	316.00 316.00	109.98 104.48
b. Transport Mileage (TM)			
(1) 1 through 5 circuits			
Mileage Bands[1]			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP1 JZ3PA	285.00	73.86 2.04
• Over 8 to 25 - Fixed - Per mile	XUWP2 JZ3PB	285.00	74.22 2.86
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP3 JZ3PC	285.00	74.81 2.65
• Over 50 - Fixed - Per mile	XUWP4 JZ3PD	285.00	77.43 2.86

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.

# NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges6. Five Year Contract
  - b. Transport Mileage (TM) (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(2)	6 circuits and above			
	Mileage Bands[1]			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ1 JZ3QA	\$285.00	\$73.86 2.04
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ2 JZ3QB	285.00	74.22 2.86
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ3 JZ3QC	285.00	74.81 2.65
	• Over 50 - Fixed - Per mile	XUWQ4 JZ3QD	285.00	77.43 2.86

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.11 **DS1** SERVICE

- A. Rates and Charges6. Five Year Contract

  - b. Transport Mileage (TM) (Cont'd)

	USOC	Nonrecurring Charge	MONTHLY RATE
(3) Optional Features and Functions			
(a) Central Office Multiplexing, per arrangement[1]			
• DS1 to Voice/Data	MQ1	\$150.00	\$234.00
• DS1 to DS0	QMU	150.00	234.00

Nonrecurring charges apply when multiplexing is not installed at the same time as a [1] Channel Termination.

NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.11 **DS1 SERVICE**

- A. Rates and Charges6. Five Year Contract
  - - b. Transport Mileage (TM)
    - (3) Optional Features and Functions (Cont'd)

		USOC	NONRECURRING CHARGE	MONTHLY RATE
(b)	Central Office Multiplexer to Multiplexer Connecting Arrangement, per connection			
	• Between two multiplexers at the DS1 level	PYVM8	\$30.00	\$5.00
	• Between two multiplexers at the DS1 level and optioned for B8ZS line code	PYVM9	30.00	5.00
	• Voice Connecting Arrangement without Signaling[1]	PYVV1	72.00	_
	• Voice Connecting Arrangement with Tandem Signaling[1]	PYVV2	72.00	2.55

Nonrecurring charge applies only if installed subsequent to the initial installation of [1] the service.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges
  - 6. Five Year Contract
  - b. Transport Mileage (TM)
  - (3) Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(c)	Clear Channel Capability, per termination			
	• B8ZS	CLR	-	_
(d)	Central Office 1.544 Mbit/s Connecting Channel, per connection			
	• Between two different 1.544 Mbit/s not installed as one service	CU5BD	\$ 30.00	\$ 3.00
(e)	Automatic Loop Transfer, per arrangement[1]	T59	20.00	45.00
(f)	Self Healing Alternate Route Protection (SHARP), per channel termination[2]			
	<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	SHNLX SHNMX	600.00 600.00	64.41 61.18

- [1] An additional Channel Termination Charge will apply whenever the spare line is provided as a leg to the customer premises.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

## 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

**6.2.11 DS1 SERVICE** 

A. Rates and Charges (Cont'd)

7. Six Year Contract

	USOC	Nonrecurring Charge	Monthly Rate
a. Channel Termination			
(1) Initial, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	\$340.00 340.00	\$109.28 103.81
(2) Subsequent, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	316.00 316.00	109.28 103.81
b. Transport Mileage (TM)			
(1) 1 through 5 circuits			
Mileage Bands[1]			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP1 JZ3PA	285.00	73.86 2.04
• Over 8 to 25 - Fixed - Per mile	XUWP2 JZ3PB	285.00	74.22 2.86
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP3 JZ3PC	285.00	74.81 2.65
• Over 50 - Fixed - Per mile	XUWP4 JZ3PD	285.00	77.43 2.86

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.

#### NOTICE NTAINED IN THIS DOCUMENT IS

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges
- 7. Six Year Contract
  - b. Transport Mileage (TM) (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
(2)	6 circuits and above			
	Mileage Bands[1]			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ1 JZ3QA	\$285.00	\$73.86 2.04
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ2 JZ3QB	285.00	74.22 2.86
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ3 JZ3QC	285.00	74.81 2.65
	• Over 50 - Fixed - Per mile	XUWQ4 JZ3QD	285.00	77.43 2.86

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges
  - 7. Six Year Contract
    - b. Transport Mileage (TM) (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
(3) Optional Features and Functions			
(a) Central Office Multiplexing, per arrangement[1]			
• DS1 to Voice/Data	MQ1	\$150.00	\$232.50
• DS1 to DS0	QMU	150.00	232.50

[1] Nonrecurring charges apply when multiplexing is not installed at the same time as a Channel Termination.

NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges
  - 7. Six Year Contract
  - b. Transport Mileage (TM)
  - (3) Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(b)	Central Office Multiplexer to Multiplexer Connecting Arrangement, per connection			
	• Between two multiplexers at the DS1 level	PYVM8	\$30.00	\$5.00
	• Between two multiplexers at the DS1 level and optioned for B8ZS line code	PYVM9	30.00	5.00
	• Voice Connecting Arrangement without Signaling[1]	PYVV1	72.00	_
	• Voice Connecting Arrangement with Tandem Signaling[1]	PYVV2	72.00	2.55

[1] Nonrecurring charge applies only if installed subsequent to the initial installation of the service.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges
  - 7. Six Year Contract
    - b. Transport Mileage (TM)
    - (3) Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
(c)	Clear Channel Capability, per termination			
	• B8ZS	CLR	_	_
(d)	Central Office 1.544 Mbit/s Connecting Channel, per connection			
	• Between two different 1.544 Mbit/s not installed as one service	CU5BD	\$ 30.00	\$ 3.00
(e)	Automatic Loop Transfer, per arrangement[1]	T59	20.00	45.00
(f)	Self Healing Alternate Route Protection (SHARP), per channel termination[2]			
	<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	SHNLX SHNMX	600.00 600.00	62.47 59.35

- [1] An additional Channel Termination Charge will apply whenever the spare line is provided as a leg to the customer premises.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges (Cont'd)
  - 8. Seven Year Contract

	USOC	Nonrecurring Charge	Monthly Rate
a. Channel Termination			
(1) Initial, per termination			
<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	T7TGG T7TGH	\$340.00 340.00	\$108.57 103.14
(2) Subsequent, per termination			
<ul><li>1 through 5 circuits</li><li>6 circuits and above</li></ul>	T7TGG T7TGH	316.00 316.00	108.57 103.14
b. Transport Mileage (TM)			
(1) 1 through 5 circuits			
Mileage Bands[1]			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP1 JZ3PA	285.00	73.86 2.04
• Over 8 to 25 - Fixed - Per mile	XUWP2 JZ3PB	285.00	74.22 2.86
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP3 JZ3PC	285.00	74.81 2.65
<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWP4 JZ3PD	285.00	77.43 2.86

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination.

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.11 **DS1** SERVICE

- A. Rates and Charges8. Seven Year Contract

  - b. Transport Mileage (TM) (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(2)	6 circuits and above			
	Mileage Bands[1]			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ1 JZ3QA	\$285.00	\$73.86 2.04
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ2 JZ3QB	285.00	74.22 2.86
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	XUWQ3 JZ3QC	285.00	74.81 2.65
	• Over 50 - Fixed - Per mile	XUWQ4 JZ3QD	285.00	77.43 2.86

Nonrecurring charges apply to Transport Mileage when installed without a Channel [1] Termination.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.11 **DS1** SERVICE

- A. Rates and Charges8. Seven Year Contract
  - - b. Transport Mileage (TM) (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
(3). Optional Features and Functions			
(a) Central Office Multiplexing, per arrangement[1]			
• DS1 to Voice/Data	MQ1	\$150.00	\$231.00
• DS1 to DS0	QMU	150.00	231.00

Nonrecurring charges apply when multiplexing is not installed at the same time as a 1] Channel Termination.

NOTICE
**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### 6.2.11 **DS1 SERVICE**

- A. Rates and Charges8. Seven Year Contract

  - b. Transport Mileage (TM)
  - (3). Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(b)	Central Office Multiplexer to Multiplexer Connecting Arrangement, per connection			
	• Between two multiplexers at the DS1 level	PYVM8	\$30.00	\$5.00
	• Between two multiplexers at the DS1 level and optioned for B8ZS line code	PYVM9	30.00	5.00
	• Voice Connecting Arrangement without Signaling[1]	PYVV1	72.00	_
	• Voice Connecting Arrangement with Tandem Signaling[1]	PYVV2	72.00	2.55

Nonrecurring charge applies only if installed subsequent to the initial installation of [1] the service.

#### NOTICE

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.11 DS1 SERVICE

- A. Rates and Charges
  - 8. Seven Year Contract
  - b. Transport Mileage (TM)
  - (3). Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
(c)	Clear Channel Capability, per termination			
	• B8ZS	CLR	_	_
(d)	Central Office 1.544 Mbit/s Connecting Channel, per connection			
	• Between two different 1.544 Mbit/s not installed as one service	CU5BD	\$ 30.00	\$ 3.00
(e)	Automatic Loop Transfer, per arrangement[1]	T59	20.00	45.00
(f)	Self Healing Alternate Route Protection (SHARP), per channel termination[2]			
	<ul><li> 1 through 5 circuits</li><li> 6 circuits and above</li></ul>	SHNLX SHNMX	600.00 600.00	60.60 57.57

- [1] An additional Channel Termination Charge will apply whenever the spare line is provided as a leg to the customer premises.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

#### NOTICE

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## 6. RATES AND CHARGES

#### **SERVICE OFFERINGS (Cont'd)** 6.2

#### 6.2.12 **DS3 Service**

A. Rates and Charges

Customers are required to sign a service agreement for one year through seven year service periods.

1. Month-to-Month

a.	Channel Termination, per Demarcation Point	USOC	Nonrecurring Charge	Monthly Rate
	Electrical Interface			
	• Capacity of 1	THJAX	\$545.00	\$ 1,282.50
	<ul> <li>Capacity of 2</li> <li>Per DS3</li> </ul>	THJEX TH5EX	545.00	2,090.00 179.90
	<ul> <li>Capacity of 3</li> <li>Per DS3</li> </ul>	THJJX TH5JX	545.00	2,384.50 143.45
	<ul> <li>Capacity of 6</li> <li>Per DS3</li> </ul>	HDJAX HD5AX	545.00	3,709.75 90.25

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## 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.12 DS3 Service

- A. Rates and Charges
  - 1. Month-to-Month
    - a. Channel Termination, per Demarcation Point (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
Electrical Interface			
<ul> <li>Capacity of 9</li> <li>Per DS3</li> </ul>	THJVX TH5VX	545.00	5,386.50 87.40
<ul><li>Capacity of 12</li><li>Per DS3</li></ul>	THJNX TH5NX	545.00	7,110.75 87.40
<ul> <li>Capacity of 24</li> <li>Per DS3</li> </ul>	THJRX TH5RX	545.00	13,532.75 87.40
<ul> <li>Capacity of 36</li> <li>Per DS3</li> </ul>	HDJGX HD5GX	545.00	17,712.75 104.50
. Central Office Connecting Channel			
• Between two different DS3 services installed as two separate services	CU5MN	25.00	9.50

b.

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.12 DS3 SERVICE

- A. Rates and Charges
  - 1. Month-to-Month (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
c. Transport Mileage (TM)[1]			
Mileage Bands			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYU2 1U5W2	605.00	590.90 51.26
• Over 8 to 25 - Fixed - Per mile	FQYU3 1U5W3	605.00	593.75 35.15
• Over 25 to 50 - Fixed - Per mile	FQYU4 1U5W4	605.00	598.50 51.11
• Over 50 - Fixed - Per mile	FQYU5 1U5W5	605.00	619.40 57.92

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination. When service involves more than one Exchange Telephone Company, one half of the nonrecurring charge applies.

#### NOTICE

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.12 DS3 SERVICE

A. Rates and Charges

1. Month-to-Month (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
d. Optional Features and Functions			
(1) Central Office Multiplexing[1]	MQ3	\$355.00	\$357.20
<ul><li>(2) Self Healing Alternate Route Protection (SHARP), per DS3 Channel Termination[2]</li></ul>	SHNTX	600.00	285.00

- [1] Nonrecurring charges apply when multiplexing is not installed at the same time as a Channel Termination.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 6. RATES AND CHARGES

#### 6.2 SERVICE OFFERINGS

- A. Rates and Charges (Cont'd)
  - 2. One Year Contract

		USOC	Nonrecurring Charge	Monthly Rate
a.	Channel Termination, per Demarcation Point			
	Electrical Interface			
	• Capacity of 1	THJAX	\$545.00	\$ 1,244.03
	<ul> <li>Capacity of 2</li> <li>Per DS3</li> </ul>	THJEX TH5EX	545.00	2,027.30 167.71
	<ul> <li>Capacity of 3</li> <li>Per DS3</li> </ul>	ТНЈЈХ ТН5ЈХ	545.00	2,312.97 139.15
	<ul> <li>Capacity of 6</li> <li>Per DS3</li> </ul>	HDJAX HD5AX	545.00	3,598.46 87.54
	<ul> <li>Capacity of 9</li> <li>Per DS3</li> </ul>	THJVX TH5VX	545.00	5,224.91 84.78
	<ul><li>Capacity of 12</li><li>Per DS3</li></ul>	THJNX TH5NX	545.00	6,897.43 84.78
	<ul><li>Capacity of 24</li><li>Per DS3</li></ul>	THJRX TH5RX	545.00	13,126.77 84.78
	<ul><li>Capacity of 36</li><li>Per DS3</li></ul>	HDJGX HD5GX	545.00	17,181.37 101.37

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.12 DS3 SERVICE

- A. Rates and Charges
  - 2. One Year Contract (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
b.	Central Office Connecting Channel			
	• Between two different DS3 services installed as two separate services	CU5MN	\$ 25.00	\$ 9.50
c.	Transport Mileage (TM)			
	Mileage Bands [1]			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYU2 1U5W2	605.00	573.17 49.89
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYU3 1U5W3	605.00	575.94 34.10
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYU4 1U5W4	605.00	580.55 49.74
	<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYU5 1U5W5	605.00	600.82 56.37

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination. When service involves more than one Exchange Telephone Company, one half of the nonrecurring charge applies.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.12 DS3 SERVICE

A. Rates and Charges

2. One Year Contract (Cont'd)

	USOC	Nonrecurring Charge	MONTHLY RATE
d. Optional Features and Functions			
(1) Central Office Multiplexing[1]	MQ3	\$355.00	\$346.75
<ul><li>(2) Self Healing Alternate Route Protection (SHARP), per DS3 Channel Termination[2]</li></ul>	SHNTX	600.00	276.45

- [1] Nonrecurring charges apply when multiplexing is not installed at the same time as a Channel Termination.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

## 6. RATES AND CHARGES

#### 6.2 SERVICE OFFERINGS

- A. Rates and Charges (Cont'd)
  - 3. Two Year Contract

		USOC	Nonrecurring Charge	Monthly Rate
a.	Channel Termination, per Demarcation Point			
	Electrical Interface			
	• Capacity of 1	THJAX	\$545.00	\$ 1,205.55
	<ul> <li>Capacity of 2</li> <li>Per DS3</li> </ul>	THJEX TH5EX	545.00	1,964.60 162.53
	<ul> <li>Capacity of 3</li> <li>Per DS3</li> </ul>	ТНЈЈХ ТН5ЈХ	545.00	2,241.43 134.84
	<ul> <li>Capacity of 6</li> <li>Per DS3</li> </ul>	HDJAX HD5AX	545.00	3,487.17 84.84
	<ul> <li>Capacity of 9</li> <li>Per DS3</li> </ul>	THJVX TH5VX	545.00	5,063.31 82.16
	<ul><li>Capacity of 12</li><li>Per DS3</li></ul>	THJNX TH5NX	545.00	6,684.11 82.16
	<ul><li>Capacity of 24</li><li>Per DS3</li></ul>	THJRX TH5RX	545.00	12,720.79 82.16
	<ul><li>Capacity of 36</li><li>Per DS3</li></ul>	HDJGX HD5GX	545.00	16,649.99 98.23

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.12 DS3 SERVICE

- A. Rates and Charges
  - 3. Two Year Contract (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
b.	Central Office Connecting Channel			
	• Between two different DS3 services installed as two separate services	CU5MN	\$ 25.00	\$ 9.50
c.	Transport Mileage (TM)[1]			
	Mileage Bands			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYU2 1U5W2	605.00	555.45 48.18
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYU3 1U5W3	605.00	558.13 33.04
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYU4 1U5W4	605.00	562.59 48.04
	<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYU5 1U5W5	605.00	582.24 54.44

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination. When service involves more than one Exchange Telephone Company, one half of the nonrecurring charge applies.

#### NOTICE

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.12 DS3 SERVICE

A. Rates and Charges

3. Two Year Contract (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
d. Optional Features and Functions			
(1) Central Office Multiplexing[1]	MQ3	\$355.00	\$335.35
<ul><li>(2) Self Healing Alternate Route Protection (SHARP), per DS3 Channel Termination[2]</li></ul>	SHNTX	600.00	286.16

- [1] Nonrecurring charges apply when multiplexing is not installed at the same time as a Channel Termination.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

## 6. RATES AND CHARGES

#### 6.2 SERVICE OFFERINGS

- A. Rates and Charges (Cont'd)
  - 4. Three Year Contract

		USOC	Nonrecurring Charge	Monthly Rate
a.	Channel Termination, per Demarcation Point			
	Electrical Interface			
	• Capacity of 1	THJAX	\$545.00	\$ 1,154.25
	<ul> <li>Capacity of 2</li> <li>Per DS3</li> </ul>	THJEX TH5EX	545.00	1,881.00 155.61
	<ul> <li>Capacity of 3</li> <li>Per DS3</li> </ul>	ТНЈЈХ ТН5ЈХ	545.00	2,146.05 129.11
	<ul> <li>Capacity of 6</li> <li>Per DS3</li> </ul>	HDJAX HD5AX	545.00	3,338.78 81.23
	<ul> <li>Capacity of 9</li> <li>Per DS3</li> </ul>	THJVX TH5VX	545.00	4,847.85 78.66
	<ul><li>Capacity of 12</li><li>Per DS3</li></ul>	THJNX TH5NX	545.00	6,399.68 78.66
	<ul><li>Capacity of 24</li><li>Per DS3</li></ul>	THJRX TH5RX	545.00	12,179.48 78.66
	<ul> <li>Capacity of 36</li> <li>Per DS3</li> </ul>	HDJGX HD5GX	545.00	15,941.48 94.05

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#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

# 6.2.12 **DS3** SERVICE

- A. Rates and Charges4. Three Year Contract (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
b.	Central Office Connecting Channel			
	• Between two different DS3 services installed as two separate services	CU5MN	\$ 25.00	\$ 9.50
c.	Transport Mileage (TM)[1]			
	Mileage Bands			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU2 1U5W2	605.00	531.81 46.13
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU3 1U5W3	605.00	534.38 31.46
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU4 1U5W4	605.00	538.65 45.99
	<ul> <li>Over 50</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU5 1U5W5	605.00	557.46 52.12

Nonrecurring charges apply to Transport Mileage when installed without a Channel [1] Termination. When service involves more than one Exchange Telephone Company, one half of the nonrecurring charge applies.

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.12 DS3 SERVICE

A. Rates and Charges

4. Three Year Contract (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
d. Optional Features and Functions			
(1) Central Office Multiplexing[1]	MQ3	\$355.00	\$321.10
<ul><li>(2) Self Healing Alternate Route Protection (SHARP), per DS3 Channel Termination[2]</li></ul>	SHNTX	600.00	260.11

- [1] Nonrecurring charges apply when multiplexing is not installed at the same time as a Channel Termination.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

NOTICE

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## 6. RATES AND CHARGES

#### 6.2 SERVICE OFFERINGS

- A. Rates and Charges (Cont'd)
  - 5. Four Year Contract

		USOC	Nonrecurring Charge	Monthly Rate
a.	Channel Termination, per Demarcation Point			
	Electrical Interface			
	• Capacity of 1	THJAX	\$545.00	\$ 1,090.13
	<ul> <li>Capacity of 2</li> <li>Per DS3</li> </ul>	THJEX TH5EX	545.00	1,776.50 146.97
	<ul> <li>Capacity of 3</li> <li>Per DS3</li> </ul>	ТНЈЈХ ТН5ЈХ	545.00	2,026.83 121.93
	<ul> <li>Capacity of 6</li> <li>Per DS3</li> </ul>	HDJAX HD5AX	545.00	3,153.29 76.71
	<ul><li>Capacity of 9</li><li>Per DS3</li></ul>	THJVX TH5VX	545.00	4,578.53 74.29
	<ul><li>Capacity of 12</li><li>Per DS3</li></ul>	THJNX TH5NX	545.00	6,044.14 74.29
	<ul><li>Capacity of 24</li><li>Per DS3</li></ul>	THJRX TH5RX	545.00	11,502.84 74.29
	<ul><li>Capacity of 36</li><li>Per DS3</li></ul>	HDJGX HD5GX	545.00	15,055.84 88.83

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#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

# 6.2.12 **DS3** SERVICE

- A. Rates and Charges5. Four Year Contract (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
b.	Central Office Connecting Channel			
	• Between two different DS3 services installed as two separate services	CU5MN	\$ 25.00	\$ 9.50
c.	Transport Mileage (TM)[1]			
	Mileage Bands			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU2 1U5W2	605.00	502.27 43.74
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU3 1U5W3	605.00	504.69 29.88
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU4 1U5W4	605.00	508.73 43.61
	<ul> <li>Over 50</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU5 1U5W5	605.00	526.49 49.42

Nonrecurring charges apply to Transport Mileage when installed without a Channel [1] Termination. When service involves more than one Exchange Telephone Company, one half of the nonrecurring charge applies.

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.12 DS3 SERVICE

A. Rates and Charges

5. Four Year Contract (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
d. Optional Features and Functions			
(1) Central Office Multiplexing[1]	MQ3	\$355.00	\$304.00
<ul><li>(2) Self Healing Alternate Route Protection (SHARP), per DS3 Channel Termination[2]</li></ul>	SHNTX	600.00	252.31

- [[1] Nonrecurring charges apply when multiplexing is not installed at the same time as a Channel Termination.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

NOTICE

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#### 6. RATES AND CHARGES

#### 6.2 SERVICE OFFERINGS

- A. Rates and Charges (Cont'd)
  - 6. Five Year Contract

		USOC	Nonrecurring Charge	Monthly Rate
a.	Channel Termination, per Demarcation Point			
	Electrical Interface			
	• Capacity of 1	THJAX	\$545.00	\$ 1,026.00
	<ul><li>Capacity of 2</li><li>Per DS3</li></ul>	THJEX TH5EX	545.00	1,672.00 138.32
	<ul><li>Capacity of 3</li><li>Per DS3</li></ul>	ТНЈЈХ ТН5ЈХ	545.00	1,907.60 114.76
	<ul><li>Capacity of 6</li><li>Per DS3</li></ul>	HDJAX HD5AX	545.00	2,967.80 72.20
	<ul><li>Capacity of 9</li><li>Per DS3</li></ul>	THJVX TH5VX	545.00	4,309.20 69.92
	<ul><li>Capacity of 12</li><li>Per DS3</li></ul>	THJNX TH5NX	545.00	5,688.60 69.92
	<ul><li>Capacity of 24</li><li>Per DS3</li></ul>	THJRX TH5RX	545.00	10,826.20 69.92
	<ul><li>Capacity of 36</li><li>Per DS3</li></ul>	HDJGX HD5GX	545.00	14,170.20 83.60

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#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

# 6.2.12 **DS3** SERVICE

- A. Rates and Charges6. Five Year Contract (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
b.	Central Office Connecting Channel			
	• Between two different DS3 services installed as two separate services	CU5MN	\$ 25.00	\$ 9.50
c.	Transport Mileage (TM)[1]			
	Mileage Bands			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU2 1U5W2	605.00	472.72 41.00
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU3 1U5W3	605.00	475.00 28.12
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU4 1U5W4	605.00	478.80 40.88
	<ul> <li>Over 50</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU5 1U5W5	605.00	495.52 46.33

Nonrecurring charges apply to Transport Mileage when installed without a Channel [1] Termination. When service involves more than one Exchange Telephone Company, one half of the nonrecurring charge applies.

#### NOTICE

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.12 DS3 SERVICE

A. Rates and Charges

6. Five Year Contract (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
d. Optional Features and Functions			
(1) Central Office Multiplexing[1]	MQ3	\$355.00	\$285.95
<ul><li>(2) Self Healing Alternate Route Protection (SHARP), per DS3 Channel Termination[2]</li></ul>	SHNTX	600.00	244.74

- [1] Nonrecurring charges apply when multiplexing is not installed at the same time as a Channel Termination.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

NOTICE

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# 6. RATES AND CHARGES

#### 6.2 SERVICE OFFERINGS

- A. Rates and Charges (Cont'd)
  - 7. Six Year Contract

/.	Six Tear Contract	USOC	Nonrecurring Charge	MONTHLY RATE
a.	Channel Termination, per Demarcation Point			
	Electrical Interface			
	• Capacity of 1	THJAX	\$545.00	\$ 993.94
	<ul> <li>Capacity of 2</li> <li>Per DS3</li> </ul>	THJEX TH5EX	545.00	1,619.75 134.00
	<ul> <li>Capacity of 3</li> <li>Per DS3</li> </ul>	THJJX TH5JX	545.00	1,847.99 111.17
	<ul> <li>Capacity of 6</li> <li>Per DS3</li> </ul>	HDJAX HD5AX	545.00	2,875.06 69.94
	<ul><li>Capacity of 9</li><li>Per DS3</li></ul>	THJVX TH5VX	545.00	4,174.54 67.74
	<ul><li>Capacity of 12</li><li>Per DS3</li></ul>	THJNX TH5NX	545.00	5,510.83 67.74
	<ul><li>Capacity of 24</li><li>Per DS3</li></ul>	THJRX TH5RX	545.00	10,487.88 67.74
	<ul><li>Capacity of 36</li><li>Per DS3</li></ul>	HDJGX HD5GX	545.00	13,727.38 80.99

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.12 DS3 SERVICE

- A. Rates and Charges
  - 7. Six Year Contract (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
b.	Central Office Connecting Channel			
	• Between two different DS3 services installed as two separate services	CU5MN	\$ 25.00	\$ 9.50
c.	Transport Mileage (TM)[1]			
	Mileage Bands			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU2 1U5W2	605.00	457.95 39.64
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU3 1U5W3	605.00	460.16 27.24
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU4 1U5W4	605.00	463.84 39.52
	<ul> <li>Over 50</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU5 1U5W5	605.00	480.04 44.79

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination. When service involves more than one Exchange Telephone Company, one half of the nonrecurring charge applies.

#### NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

6.2.12 DS3 SERVICE

A. Rates and Charges

7. Six Year Contract (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
d. Optional Features and Functions			
(1) Central Office Multiplexing[1]	MQ3	\$355.00	\$279.30
<ul><li>(2) Self Healing Alternate Route Protection (SHARP), per DS3 Channel Termination[2]</li></ul>	SHNTX	600.00	237.40

- [1] Nonrecurring charges apply when multiplexing is not installed at the same time as a Channel Termination.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

NOTICE

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

## 6. RATES AND CHARGES

#### 6.2 SERVICE OFFERINGS

- A. Rates and Charges (Cont'd)
  - 8. Seven Year Contract

		USOC	Nonrecurring Charge	Monthly Rate
a.	Channel Termination, per Demarcation Point			
	Electrical Interface			
	• Capacity of 1	THJAX	\$545.00	\$ 961.88
	<ul> <li>Capacity of 2</li> <li>Per DS3</li> </ul>	THJEX TH5EX	545.00	1,567.50 129.68
	<ul> <li>Capacity of 3</li> <li>Per DS3</li> </ul>	ТНЈЈХ ТН5ЈХ	545.00	1,788.38 107.59
	<ul> <li>Capacity of 6</li> <li>Per DS3</li> </ul>	HDJAX HD5AX	545.00	2,782.31 67.69
	<ul> <li>Capacity of 9</li> <li>Per DS3</li> </ul>	THJVX TH5VX	545.00	4,039.88 65.55
	<ul><li>Capacity of 12</li><li>Per DS3</li></ul>	THJNX TH5NX	545.00	5,333.06 65.55
	<ul><li>Capacity of 24</li><li>Per DS3</li></ul>	THJRX TH5RX	545.00	10,149.56 65.55
	<ul><li>Capacity of 36</li><li>Per DS3</li></ul>	HDJGX HD5GX	545.00	13,284.56 78.38

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

# 6.2.12 DS3 SERVICE

- A. Rates and Charges
  - 8. Seven Year Contract (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
b.	Central Office Connecting Channel			
	• Between two different DS3 services installed as two separate services	CU5MN	\$ 25.00	\$ 9.50
c.	Transport Mileage (TM)[1]			
	Mileage Bands			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU2 1U5W2	605.00	443.18 38.61
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU3 1U5W3	605.00	445.31 26.36
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU4 1U5W4	605.00	448.88 38.50
	<ul> <li>Over 50</li> <li>Fixed</li> <li>Per Mile</li> </ul>	FQYU5 1U5W5	605.00	464.55 43.63

[1] Nonrecurring charges apply to Transport Mileage when installed without a Channel Termination. When service involves more than one Exchange Telephone Company, one half of the nonrecurring charge applies.

#### NOTICE

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

## 6.2.12 DS3 SERVICE

A. Rates and Charges

8. Seven Year Contract (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
d. Optional Features and Functions			
(1) Central Office Multiplexing[1]	MQ3	\$355.00	\$271.70
<ul><li>(2) Self Healing Alternate Route Protection (SHARP), per DS3 Channel Termination[2]</li></ul>	SHNTX	600.00	230.28

- [1] Nonrecurring charges apply when multiplexing is not installed at the same time as a Channel Termination.
- [2] Nonrecurring charges apply when the SHARP is not installed at the same time as a Channel Termination.

NOTICE

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## 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS (Cont'd)**

#### 6.2.13 SELF-HEALING NETWORK SERVICE

Customers are required to sign a service agreement for one, two, three and five year service periods.

- A. Rates and Charges
  - 1. Month-to-Month

		USOC	Nonrecurring Charge	Monthly Rate
a.	Access Node, per customer premises			
	<ul> <li>Capacity of 3 DS3s</li> <li>Capacity of 12 DS3s</li> <li>Capacity of 24 DS3s</li> </ul>	NGGAX NGYAX NGYCX	- - -	\$1,520.00 4,131.29 6,878.04
b.	Access Port, per customer premises			
	<ul> <li>Capacity of 3 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DHGBX DHGCX	\$500.00 597.34	108.00 980.00
	<ul> <li>Capacity of 12 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DHGDX DHYBX	500.00 545.00	108.00 308.42
	<ul> <li>Capacity of 24 DS3s</li> <li>Per DS3 port</li> </ul>	DHYDX	545.00	308.42

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#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

- SELF-HEALING NETWORK SERVICE 6.2.13

  - A. Rates and Charges1. Month-to-Month (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
c.	Hub Node, per Hub Wire Center			
	<ul><li>Capacity of 3 DS3s</li><li>Capacity of 12 DS3s</li><li>Capacity of 24 DS3s</li></ul>	NGHAX NGZAX NGZCX	- - -	\$1,520.00 4,131.29 6,878.04
d.	Hub Port, per Hub Wire Center			
	<ul> <li>Capacity of 3 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DHHBX DHHCX	\$500.00 597.34	$108.00 \\ 980.00$
	<ul> <li>Capacity of 12 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DHHDX DHZBX	500.00 545.00	108.00 308.42
	<ul> <li>Capacity of 24 DS3s</li> <li>Per DS3 port</li> </ul>	DHZDX	545.00	308.42

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	6. RATES AND CHAR	GES		
<ul> <li>6.2 SERVICE OFFERINGS</li> <li>6.2.13 SELF-HEALING NETWORK SERVICE</li> <li>A. Rates and Charges</li> <li>1. Month-to-Month (Cont'd)</li> </ul>				
		USOC N	MONTHLY RATES Per Mile	
e. Interoffice Transport, J	per capacity			
Mileage Bands				
• Over 0		1HXQS	\$200.00	
	USOC	Nonrecurrin Charge	NG MONTHLY RATE	
f. Central Office Connec Channel, per connectio		\$\$\$\$25.00	\$ 10.00	
g. Optional Features and	Functions			
<ul> <li>Software Reconfigu Capability, per SHN</li> </ul>	ration S SRKX	X –	500.00	

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

- 6.2.13 SELF-HEALING NETWORK SERVICE
  - A. Rates and Charges (Cont'd)
    - 2. One Year

		USOC	Nonrecurring Charge	Monthly Rate
a.	Access Node, per customer premises			
	<ul><li>Capacity of 3 DS3s</li><li>Capacity of 12 DS3s</li><li>Capacity of 24 DS3s</li></ul>	NGGMX NGYEX NGYGX	- - -	\$1,474.40 4,007.35 6,671.70
b.	Access Port, per customer premises			
	<ul> <li>Capacity of 3 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DHGNX DHGPX	\$500.00 597.34	104.76 950.60
	<ul> <li>Capacity of 12 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DHGQX DHYFX	500.00 545.00	104.76 299.17
	<ul> <li>Capacity of 24 DS3s</li> <li>Per DS3 port</li> </ul>	DHYHX	545.00	299.17

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#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### SELF-HEALING NETWORK SERVICE 6.2.13

- A. Rates and Charges2. One Year (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
c.	Hub Node, per Hub Wire Center			
	<ul><li>Capacity of 3 DS3s</li><li>Capacity of 12 DS3s</li><li>Capacity of 24 DS3s</li></ul>	NGHMX NGZEX NGZGX		\$1,474.40 4,007.35 6,671.70
d.	Hub Port, per Hub Wire Center			
	<ul> <li>Capacity of 3 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DHHNX DHHPX	\$500.00 597.34	104.76 950.60
	<ul> <li>Capacity of 12 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DHHQX DHZFX	500.00 545.00	104.76 299.17
	<ul> <li>Capacity of 24 DS3s</li> <li>Per DS3 port</li> </ul>	DHZHX	545.00	299.17

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<b>PRIVATE LINE</b> <b>TRANSPORT SERVICES</b> Effective: December 1, 2007	Qwest Corporation Catalog No. 2 Washington			<b>SECTION 6</b> Original Sheet 106
	6. RATES AN	d Chargi	ES	
<ul> <li>6.2 SERVICE OFFERINGS</li> <li>6.2.13 SELF-HEALING NETWORK SERVICE</li> <li>A. Rates and Charges</li> <li>2. One Year (Cont'd)</li> </ul>				
			USOC	Monthly Rates Per Mile
e. Interoffice Transport,	per capacity			
Mileage Bands				
• Over 0			1HXRS	\$194.00
		USOC	Nonrecurri Charge	NG MONTHLY RATE
6. Central Office Connect Channel, per connection		CU5QS	\$25.00	\$ 10.00
7. Optional Features and	Functions			
<ul> <li>Software Reconfigu Capability, per SHN</li> </ul>		SRK1X	_	485.00

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#### 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

- 6.2.13 SELF-HEALING NETWORK SERVICE
  - A. Rates and Charges (Cont'd)
    - 3. Two Year

		USOC	Nonrecurring Charge	Monthly Rate
a.	Access Node, per customer premises			
	<ul><li>Capacity of 3 DS3s</li><li>Capacity of 12 DS3s</li><li>Capacity of 24 DS3s</li></ul>	NGGYX NGYJX NGYLX		\$1,428.80 3,883.41 6,465.36
b.	Access Port, per customer premises			
	<ul> <li>Capacity of 3 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DHGZX DHG1X	\$500.00 597.34	101.52 921.20
	<ul> <li>Capacity of 12 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DHG2X DHYKX	500.00 545.00	101.52 289.91
	<ul> <li>Capacity of 24 DS3s</li> <li>Per DS3 port</li> </ul>	DHYMX	545.00	289.91

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#### 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### SELF-HEALING NETWORK SERVICE 6.2.13

- A. Rates and Charges 3. Two Year (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
c.	Hub Node, per Hub Wire Center			
	<ul> <li>Capacity of 3 DS3s</li> <li>Capacity of 12 DS3s</li> <li>Capacity of 24 DS3s</li> </ul>	NGHYX NGZJX NGZLX		\$1,428.80 3,883.41 6,465.36
d.	Hub Port, per Hub Wire Center			
	<ul> <li>Capacity of 3 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DHHZX DHH1X	\$500.00 597.34	101.52 921.20
	<ul> <li>Capacity of 12 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DHH2X DHZKX	500.00 545.00	101.52 289.91
	<ul> <li>Capacity of 24 DS3s</li> <li>Per DS3 port</li> </ul>	DHZMX	545.00	289.91

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	6. RATES AND C	HARGES		
<ul> <li>6.2 SERVICE OFFERINGS</li> <li>6.2.13 SELF-HEALING NETWORK SERVICE</li> <li>A. Rates and Charges</li> <li>3. Two Year (Cont'd)</li> </ul>				
		USOC	Monthly Rates Per Mile	
e. Interoffice Transport,	per capacity			
Mileage Bands				
• Over 0		1HXSS	\$188.00	
	US	Nonrecu OC Char		
f. Central Office Connec Channel, per connection		5QS \$ 25.0	00 \$ 10.00	
g. Optional Features and	Functions			
<ul> <li>Software Reconfigu Capability, per SHN</li> </ul>		K2X –	470.00	
**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

## 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

- 6.2.13 SELF-HEALING NETWORK SERVICE (Cont'd)
  - A. Rates and Charges (Cont'd)
    - 4. Three Year

		USOC	Nonrecurring Charge	Monthly Rate
a.	Access Node, per customer premises			
	<ul><li>Capacity of 3 DS3s</li><li>Capacity of 12 DS3s</li><li>Capacity of 24 DS3s</li></ul>	NJ3AX NGYNX NGYQX	- - -	\$1,368.00 3,718.16 6,190.24
b.	Access Port, per customer premises			
	<ul> <li>Capacity of 3 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DJ3BX DJ3CX	\$500.00 597.34	97.20 882.00
	<ul> <li>Capacity of 12 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DJ3DX DHYPX	500.00 545.00	97.20 277.58
	<ul> <li>Capacity of 24 DS3s</li> <li>Per DS3 port</li> </ul>	DHYRX	545.00	277.58

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# 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

### SELF-HEALING NETWORK SERVICE 6.2.13

- A. Rates and Charges4. Three Year (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
c.	Hub Node, per Hub Wire Center			
	<ul><li>Capacity of 3 DS3s</li><li>Capacity of 12 DS3s</li><li>Capacity of 24 DS3s</li></ul>	NJZAX NGZNX NGZQX	- - -	\$1,368.00 3,718.16 6,190.24
d.	Hub Port, per Hub Wire Center			
	<ul> <li>Capacity of 3 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DJZBX DJZCX	\$500.00 597.34	97.20 882.00
	<ul> <li>Capacity of 12 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DJZDX DHZPX	500.00 545.00	97.20 277.58
	<ul> <li>Capacity of 24 DS3s</li> <li>Per DS3 port</li> </ul>	DHZRX	545.00	277.58

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	6. RATES AND CHARGES				
6.2.13 A. R	<ul> <li>6.2 SERVICE OFFERINGS</li> <li>6.2.13 SELF-HEALING NETWORK SERVICE <ul> <li>A. Rates and Charges</li> <li>4. Three Year (Cont'd)</li> </ul> </li> </ul>				
			M USOC	ONTHLY RATES PER MILE	
e.	Interoffice Transport, per capa	acity			
	Mileage Bands				
	• Over 0		1HXTS	\$180.00	
		USOC	Nonrecurrin Charge	G MONTHLY RATE	
f.	Central Office Connecting Channel, per connection	CU5QS	\$ 25.00	\$ 10.00	
g.	Optional Features and Function	ons			
	• Software Reconfiguration Capability, per SHNS	SRK3X	_	450.00	

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# 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

- 6.2.13 SELF-HEALING NETWORK SERVICE
  - A. Rates and Charges (Cont'd)
    - 5. Five Year

		USOC	Nonrecurring Charge	Monthly Rate
a.	Access Node, per customer premises			
	<ul><li>Capacity of 3 DS3s</li><li>Capacity of 12 DS3s</li><li>Capacity of 24 DS3s</li></ul>	NJ3MX NGYSX NGYUX		\$1,216.00 3,305.03 5,502.44
b.	Access Port, per customer premises			
	<ul> <li>Capacity of 3 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DJ3NX DJ3PX	\$500.00 597.34	86.40 784.00
	<ul> <li>Capacity of 12 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DJ3QX DHYTX	500.00 545.00	86.40 246.74
	<ul> <li>Capacity of 24 DS3s</li> <li>Per DS3 port</li> </ul>	DHYVX	545.00	246.74

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# 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

#### SELF-HEALING NETWORK SERVICE 6.2.13

- A. Rates and Charges5. Five Year (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
c. Hub Node, per Hub Wire Center			
<ul> <li>Capacity of 3 DS3s</li> <li>Capacity of 12 DS3s</li> <li>Capacity of 24 DS3s</li> </ul>	NJZMX NGZSX NGZUX	- - -	\$1,216.00 3,305.03 5,502.44
d. Hub Port, per Hub Wire Center			
<ul> <li>Capacity of 3 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DJZNX DJZPX	\$500.00 597.34	86.40 784.00
<ul> <li>Capacity of 12 DS3s</li> <li>Per DS1 port</li> <li>Per DS3 port</li> </ul>	DJZQX DHZTX	500.00 545.00	86.40 246.74
<ul> <li>Capacity of 24 DS3s</li> <li>Per DS3 port</li> </ul>	DHZVX	545.00	246.74

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<b>TRANSPORT SERVICES</b> Effective: December 1, 2007					
	6. RATES ANI	O CHARGE	ES		
<ul> <li>6.2 SERVICE OFFERINGS</li> <li>6.2.13 SELF-HEALING NET</li> <li>A. Rates and Charges</li> <li>5. Five Year (Cont'd)</li> </ul>	TWORK SERVIC	E			
			USOC	Monthly Rates Per Mile	
e. Interoffice Transport,	per capacity				
Mileage Bands					
• Over 0			1HXVS	\$160.00	
		USOC	Nonrecurr Charge		
f. Central Office Conne Channel, per connect		CU5QS	\$25.00	\$ 10.00	
g. Optional Features and	l Functions				
<ul> <li>Software Reconfig Capability, per SH</li> </ul>		SRK4X	_	400.00	

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# 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS (Cont'd)**

#### 6.2.14 SIMULTANEOUS VOICE DATA SERVICE

		USOC	Nonrecurring Charge	Monthly Rate
A.	Service Provisioning Charge			
	<ul><li>Initial</li><li>Subsequent</li></ul>	SCH SCHAX	\$240.00 121.00	_ _
B.	Network Access Channel - Derived (NAC), per termination			
	• 2-wire	1RSAT	_	_
C.	Channel Performance (CP)			
1	End-Link or Mid-Link, per termination			
	<ul> <li>2.4 kbit/s</li> <li>Month-to-month</li> <li>36-59 months</li> <li>60-84 months</li> </ul>	PMWMX PM27X PM28X	X 105.00 105.00 105.00	\$20.00 19.00 18.00
	<ul> <li>4.8 kbit/s</li> <li>Month-to-month</li> <li>36-59 months</li> <li>60-84 months</li> </ul>	PMWNX PMWSX PMWTX	105.00	23.00 21.00 19.00
	<ul> <li>9.6 kbit/s</li> <li>Month-to-month</li> <li>36-59 months</li> <li>60-84 months</li> </ul>	PMWOX PMWUX PMWW2	K 105.00	26.00 23.00 20.00
	<ul> <li>19.2 kbit/s</li> <li>Month-to-month</li> <li>36-59 months</li> <li>60-84 months</li> </ul>	PMWPX PMWYX PMWZX	X 105.00	32.00 28.00 24.00

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# 6. RATES AND CHARGES

#### 6.2 **SERVICE OFFERINGS**

- 6.2.14 SIMULTANEOUS VOICE DATA SERVICE
  - C. Channel Performance (CP) (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
2.	End-to-End, per termination			
	<ul> <li>2.4 kbit/s</li> <li>Month-to-month</li> <li>36-59 months</li> <li>60-84 months</li> </ul>	PMWHX PM25X PM26X	X \$105.00 105.00 105.00	\$20.00 19.00 18.00
	<ul> <li>4.8 kbit/s</li> <li>Month-to-month</li> <li>36-59 months</li> <li>60-84 months</li> </ul>	PMWJX PMW1X PMW2X	105.00	23.00 21.00 19.00
	<ul> <li>9.6 kbit/s</li> <li>Month-to-month</li> <li>36-59 months</li> <li>60-84 months</li> </ul>	PMWKX PMW3X PMW4X	105.00	26.00 23.00 20.00
	<ul> <li>19.2 kbit/s</li> <li>Month-to-month</li> <li>36-59 months</li> <li>60-84 months</li> </ul>	PMWLX PMW5X PMW6X	105.00	32.00 28.00 24.00

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## 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

# 6.2.14 SIMULTANEOUS VOICE DATA SERVICE (Cont'd)

	USOC	Nonrecurring Charge	MONTHLY RATE
D. Transport Mileage (TM)			
1. Month-To-Month			
Mileage Bands			
<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYV1 JZ3VA	\$115.00	\$45.00 0.45
<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYV2 JZ3VB	115.00	45.00 0.45
<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYV3 JZ3VC	115.00	45.00 0.45
<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYV4 JZ3VD	115.00	45.00 0.45

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

6.2.14 SIMULTANEOUS VOICE DATA SERVICE

D. Transport Mileage (TM) (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
2.	36-59 Months			
	Mileage Bands			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYW1 JZ3WA	\$115.00	\$42.75 0.42
	• Over 8 to 25 - Fixed - Per mile	FQYW2 JZ3WB	115.00	42.75 0.42
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYW3 J23WC	115.00	42.75 0.42
	<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYW4 JZ3WD	115.00	42.75 0.42

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 6. RATES AND CHARGES

## 6.2 SERVICE OFFERINGS

6.2.14 SIMULTANEOUS VOICE DATA SERVICE

D. Transport Mileage (TM) (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
3.	60-84 Months			
	Mileage Bands			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYY1 JZ3YA	\$115.00	\$40.50 0.40
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYY2 JZ3YB	115.00	40.50 0.40
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYY3 JZ3YC	115.00	40.50 0.40
	<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYY4 JZ3YD	115.00	40.50 0.40
E.	Optional Features and Functions			
1.	Bridging, per port			
	<ul><li>Month-to-month</li><li>36-59 months</li><li>60-84 months</li></ul>	B5NAF B5NBF B5NCF	- - -	6.00 5.50 5.00

E.

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

- 6.2.14 SIMULTANEOUS VOICE DATA SERVICE
  - E. Optional Features and Functions (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
Central Office Multiplexing, per arrangement			
• DS0 to Subrates			
<ul> <li>Month-to-Month</li> <li>Up to 20 2.4 kbit/s services</li> <li>Up to 10 4.8 kbit/s</li> </ul>	QSU24	\$100.00	\$90.00
services	QSU48	90.00	80.00
services	QSU96	80.00	70.00
<ul> <li>- 36 to 59 Months</li> <li>- Up to 20 2.4 kbit/s services</li> </ul>	MXN2A	100.00	85.00
services	MXN4A	90.00	75.00
- Up to 5 9.6 kbit/s services	MXN9A	80.00	65.00
- 60 to 84 Months - Up to 20.2.4 kbit/s			
services	MXN2B	100.00	80.00
services	MXN4B	90.00	70.00
- Up to 5 9.6 kbit/s services	MXN9B	80.00	60.00
	<ul> <li>per arrangement</li> <li>DS0 to Subrates</li> <li>Month-to-Month <ul> <li>Up to 20 2.4 kbit/s services</li> <li>Up to 10 4.8 kbit/s services</li> <li>Up to 5 9.6 kbit/s services</li> </ul> </li> <li>36 to 59 Months <ul> <li>Up to 20 2.4 kbit/s services</li> <li>Up to 10 4.8 kbit/s services</li> <li>Up to 10 4.8 kbit/s services</li> <li>Up to 5 9.6 kbit/s services</li> </ul> </li> <li>60 to 84 Months <ul> <li>Up to 20 2.4 kbit/s services</li> <li>Up to 20 2.4 kbit/s services</li> </ul> </li> <li>60 to 84 Months <ul> <li>Up to 20 2.4 kbit/s services</li> <li>Up to 10 4.8 kbit/s services</li> <li>Up to 10 4.8 kbit/s services</li> </ul> </li> </ul>	Central Office Multiplexing, per arrangement	USOCCHARGECentral Office Multiplexing, per arrangement.• DS0 to Subrates• Month-to-Month - Up to 20 2.4 kbit/s servicesQSU24• Up to 10 4.8 kbit/s servicesQSU4890.00• Up to 5 9.6 kbit/s servicesQSU9680.00• 36 to 59 Months - Up to 20 2.4 kbit/s servicesMXN2A• Up to 20 2.4 kbit/s services• Up to 5 9.6 kbit/s services• Up to 5 9.6 kbit/s services• Up to 5 9.6 kbit/s services• Up to 10 4.8 kbit/s services• Up to 5 9.6 kbit/s 

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# 6. RATES AND CHARGES

# 6.2 SERVICE OFFERINGS

6.2.14 SIMULTANEOUS VOICE DATA SERVICE

E. Optional Features and Functions (Cont'd)

		USOC	Nonrecurring Charge	Monthly Rate
3.	Central Office Multiplexer to Multiplexer Connecting Arrangement, per arrangement			
	<ul><li>Subrate to Subrate</li><li>DS0 to DS0</li></ul>	PYVD5 PYVD4	[1] [1]	[1] [1]

[1] Rates and charges are specified in 6.2.10., Digital Data Service.

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**Qwest Corporation** 

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007 SECTION 9 Original Index Sheet 1

# 9. **PROMOTIONS**

Reserved for Future Use

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# **Qwest Corporation**

Catalog No. 2 Washington

SECTION 105 Original Index Sheet 1

# **PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# **105.** Obsolete Services

# SUBJECT

# SHEET

Clear Channel Capability	6
DC Line Power DS1 Service Data Select-A-Station Service	5
Voice Grade Service	1

# Qwest Corporation Catalog No. 2

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SECTION 105

Original Sheet 1

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# **105. Obsolete Services**

# **105.2** SERVICE DESCRIPTIONS

Services contained in this Section are grandfathered to existing customers and will not be provided as new items of service. These services are restricted to existing customers, at their existing location(s). If the customer of record changes, or if the service is moved, changed or disconnected, the service is no longer considered grandfathered, and the customer desiring to retain service, must subscribe to an alternate service.

# **105.2.2** VOICE GRADE SERVICE

	USOC	Monthly Rate
A. Channel Performance (CP)		
1. End-to-End, per termination		
<ul> <li>Voice Grade 32</li> <li>Manual ringdown</li> <li>Code-select ringdown</li> </ul>	PCWFX PCWHX	\$8.60 8.60

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# **Qwest Corporation**

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Washington

SECTION 105 Original Sheet 2

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# **105.** Obsolete Services

# **105.2** SERVICE DESCRIPTIONS (Cont'd)

# **105.2.3 DATA SELECT-A-STATION SERVICE**

- A. Data Select-a-Station Service consists of the Network Access Channel, Channel Performance, Central Office Bridging and if appropriate, Transport Mileage.
- B. Channel Performance
  - VG DSAS

VG DSAS is suitable for use with circuits associated with a DSAS bridging capability. Service may be provided as a two wire or four wire arrangement.

C. Data Select-a-Station Bridge

Data Select-a-Station Bridging is designed for applications in which a master station exchanges voice band data information with a number of remote stations, one at a time, usually in rapid sequence. The service provides point-to-point twoway transmission between the master station and the remote stations, but no direct transmission is available between remote stations. Alternate voice service and dc continuity are not available. This option is offered as facilities and operating conditions permit.

Communications from the master station to all remote stations simultaneously (broadcast) is not possible. No separately ordered channel is required for control signaling. Two connection arrangements are available.

• Sequential arrangement:

The connection sequence of stations is fixed by the initial assignment of the stations to the ports.

• Addressable arrangement:

Allows random station access so that the connection routine can be continuously varied to suit user needs. Connection control can be achieved only from the master station.

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**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

**SECTION 105** Original Sheet 3

**105.** Obsolete Services

# 105.2Service Descriptions105.2.3Data Select-A-Station Service (Cont'd)

D. Service Information

SERVICE	CLASS OF Service	NETWORK Channel Code
End-Link or Mid-Link	[1]	[1]
End-to-End DSAS	DS5BN	UG

E. Rates and Charges

		USOC	Nonrecurring Charge	Monthly Rate
1.	Service Provisioning Charge			
	<ul><li>Initial</li><li>Subsequent</li></ul>	SCH SCHAX	\$310.00 170.00	
2.	Network Access Channel (NAC), per termination			
	<ul><li> Two-wire</li><li> Four-wire</li></ul>	1DC2X 1DC4X		\$16.50 33.00
3.	Channel Performance (CP), per termination	PJW7X	115.00	11.60

[1] See Service Information for VG5 specified in 5.2.2.

# NOTICE

# **Qwest Corporation**

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**SECTION 105** Original Sheet 4

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# **105. Obsolete Services**

# **105.2 SERVICE DESCRIPTIONS**

- 105.2.3 DATA SELECT-A-STATION SERVICE
  - E. Rates and Charges (Cont'd)
    - 4. Transport Mileage (TM)

		USOC	Nonrecurring Charge	Monthly Rate
	Mileage Bands			
	<ul> <li>Over 0 to 8</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX1 3LBXA	\$65.00	\$20.25 0.80
	<ul> <li>Over 8 to 25</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX2 3LBXB	65.00	20.30 0.90
	<ul> <li>Over 25 to 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX3 3LBXC	65.00	20.30 1.00
	<ul> <li>Over 50</li> <li>Fixed</li> <li>Per mile</li> </ul>	FQYX4 3LBXD	65.00	20.50 1.10
5.	Optional Features and Functions			
	<ul> <li>Bridging, per port</li> <li>Two-wire</li> <li>Four-wire</li> </ul>	KQ2 KQ4	4.50 4.50	7.20 18.00

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SECTION 105 Original Sheet 5

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# **105. Obsolete Services**

# **105.2** SERVICE DESCRIPTIONS (Cont'd)

## **105.2.12 DS1 SERVICE**

- A. Optional Features and Functions
  - 1. Clear Channel Capability
    - a. Basic Option[1]

This option requires the customer signal at the channel interface to conform to either the bipolar AMI line code with Zero Byte Time Slot Interchange (ZBTSI) algorithm or the Bipolar with Eight Zero Substitution (B8ZS) as described in Technical Reference TR-INS-000342. If the channel interface conforms to the B8ZS line code algorithm, it may be transcoded to ZBTSI for transmission through the network. If the customer signal at the channel interface is transcoded from B8ZS to ZBTSI for transmission through the network, performance messages on the data link which do not conform to standards described in Technical Reference TR-NPL-000054 may not be transported.

	USOC	Nonrecurring Charge	MONTHLY RATE
• Per termination	CCO	_	_

[1] Grandfathered to existing customers as of April 28, 1994. Service that is moved, changed or disconnected is no longer considered grandfathered.

# **Qwest Corporation**

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**SECTION 105** Original Sheet 6

**PRIVATE LINE TRANSPORT SERVICES** Effective: December 1, 2007

# **105.** Obsolete Services

## 105.2 SERVICE DESCRIPTIONS 105.2.12 DS1 SERVICE

- A. Optional Features and Functions (Cont'd)
  - 2. DC Line Power[1]

DC Line Power provides a DC connection between the simplexes of the transmit and receive pairs, and provides 60mA from a constant current source. The connection will be at the customer end user's network interface, and in association with the DU network channel interface code. DC Line Power is available only when technically feasible.

	USOC	Nonrecurring Charge	MONTHLY RATE
• DC Line Power, per termination	LNY	_	\$ 5.00

[1] Grandfathered to existing customers as of May 6, 1996. Service that is moved, changed or disconnected is no longer considered grandfathered.