

**REGULATIONS, RATES AND CHARGES**

Applying to the provision of Access Services  
within a Local Access and Transport Area (LATA)  
or equivalent market areas for Connection to Interstate  
Federal Government Telecommunications Services Facilities  
for the General Services Administration  
and Federal Government agencies within the  
operating territory of

**U S WEST Communications, Inc.**

in the State(s) of  
Arizona (AZ) (Company Code [CC] 5101)  
Colorado (CO) (CC 5102)  
Idaho (ID - Boise LATA) (CC 5103)  
Idaho (ID - Spokane LATA) (CC 5162)  
Iowa (IA) (CC 5141)  
Minnesota (MN) (CC 5142)  
Montana (MT) (CC 5104)  
Nebraska (NE) (CC 5143)  
New Mexico (NM) (CC 5105)  
North Dakota (ND) (CC 5144)  
Oregon (OR) (CC 5163)  
South Dakota (SD) (CC 5145)  
Utah (UT) (CC 5107)  
Washington (WA) (CC 5161)  
Wyoming (WY) (CC 5108)

(C)

(C)

as provided herein

d/b/a

U S WEST Communications[1]

Original Tariff effective December 7, 1989

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

[1] All subsequent tariff references will be referred to as U S WEST Communications.

(Filed under Transmittal No. 703.)

Issued: January 19, 1996

Effective: March 4, 1996

By: Director - Federal Regulatory Operations  
Room 4610  
1801 California Street  
Denver, Colorado 80202

**U S WEST Communications  
FEDERAL GOVERNMENT  
TELECOMMUNICATIONS  
SERVICE**

**TARIFF F.C.C. No. 3  
SUPPLEMENT No. 21**

Under the authority of DA 98-1294 adopted and released on June 29, 1998, material filed under Transmittal Nos. 926 and 928 to become effective July 1, 1998 is advanced to June 30, 1998, and then suspended for one day to become effective July 1, 1998. The following pages are suspended:

**TRANSMITTAL NO. 926**

6-1	25th
6-3.1	13th
6-3.2	9th
6-3.4	12th
6-3.7	7th
6-8	6th

**TRANSMITTAL NO. 928**

6-3.6	6th
6-3.8	4th

(Filed under Transmittal No. 929.)

Issued: June 30, 1998

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**U S WEST Communications  
FEDERAL GOVERNMENT  
TELECOMMUNICATIONS  
SERVICE**

**TARIFF F.C.C. No. 3  
SUPPLEMENT No. 20**

Under the authority of DA 98-590 adopted and released March 31, 1998, material filed under Transmittal No. 903 to become effective April 1, 1998 is suspended for one day to become effective April 2, 1998. The following pages are suspended:

Transmittal No. 903

6-1	24th Revised
6-3.1	12th Revised

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1801 California Street, Denver, Colorado 80202

**U S WEST Communications  
FEDERAL GOVERNMENT  
TELECOMMUNICATIONS  
SERVICE**

**TARIFF F.C.C. No. 3  
SUPPLEMENT No. 19**

Under the authority of DA 98-567 adopted and released March 27, 1998, material filed under Transmittal No. 900 to become effective March 28, 1998 is suspended for one day to become effective March 29, 1998. The following pages are suspended:

Transmittal No. 900

6-1	23rd Revised
6-3	20th Revised
6-3.1	11th Revised
6-3.6	5th Revised

(Filed under Transmittal No. 908.)

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Issued: March 31, 1998

1801 California Street, Denver, Colorado 80202

**U S WEST Communications  
FEDERAL GOVERNMENT  
TELECOMMUNICATIONS  
SERVICE**

**TARIFF F.C.C. No. 3  
SUPPLEMENT No. 18**

Under the authority of Special Permission No. 97-238, material filed under Transmittal No. 856, scheduled to become effective August 5, 1997, is deferred to September 4, 1997. The following pages are deferred:

Transmittal No. 856

4-8.5	6th Revised Page
6-3.4	10th Revised Page
6-3.5	5th Revised Page

(Filed under Transmittal No. 859.)

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**U S WEST Communications  
FEDERAL GOVERNMENT  
TELECOMMUNICATIONS  
SERVICE**

**TARIFF F.C.C. No. 3  
SUPPLEMENT No. 17**

Filed pursuant to Special Permission No. 97-215, and under the authority of DA 97-1350 adopted and released on June 27, 1997, material filed under Transmittal No. 853 to become effective July 1, 1997, is advanced to June 30, 1997 and then suspended for one day to become effective July 1, 1997. The following page is suspended:

Transmittal No. 853

6-6      13th Revised

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**U S WEST Communications  
FEDERAL GOVERNMENT  
TELECOMMUNICATIONS  
SERVICE**

**TARIFF F.C.C. No. 3  
SUPPLEMENT No. 16**

Under the authority of Special Permisssion No. 96-605, material issued under Transmittal No. 728 to become effective June 1, 1996, subsequently deferred by Transmittal No. 738 until June 16, 1996 and Transmittal No. 746 until July 1, 1996, and Transmittal No. 751 until July 4, 1996, is now being deferred to become effective July 26, 1996. The following pages are deferred:

Transmittal No. 728

2-29	3rd Revised
5-5.5	2nd Revised
5-5.12	2nd Revised
5-12	4th Revised
5-136	3rd Revised

(Filed under Transmittal No. 756.)

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Issued: July 3, 1996

**U S WEST Communications  
FEDERAL GOVERNMENT  
TELECOMMUNICATIONS  
SERVICE**

**TARIFF F.C.C. No. 3  
SUPPLEMENT No. 15**

Under the authority of DA 96-1022, adopted and released on June 24, 1996, material filed under Transmittal No. 720 to become effective July 1, 1996, is advanced to June 30, 1996 and then suspended for one day to become effective July 1, 1996. The following pages are suspended:

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6-2.1	12nd Revised
6-3	19th Revised

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**U S WEST Communications  
FEDERAL GOVERNMENT  
TELECOMMUNICATIONS  
SERVICE**

**TARIFF F.C.C. No. 3  
SUPPLEMENT No. 14**

Under the authority of Special Permisssion No. 96-581, matierial issued under Transmittal No. 728 to become effective June 1, 1996, subsequently deferred by Transmittal No. 738 until June 16, 1996 and Transmittal No. 746 until July 1, 1996, is now being deferred to become effective July 4, 1996. The following pages are deferred:

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5-5.12	2nd Revised
5-12	4th Revised
5-136	3rd Revised

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Issued: June 26, 1996

1801 California Street, Denver, Colorado 80202

**U S WEST Communications  
FEDERAL GOVERNMENT  
TELECOMMUNICATIONS  
SERVICE**

**TARIFF F.C.C. No. 3  
SUPPLEMENT No. 13**

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5-12	4th Revised
5-136	3rd Revised

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**U S WEST Communications  
FEDERAL GOVERNMENT  
TELECOMMUNICATIONS  
SERVICE**

**TARIFF F.C.C. No. 3  
SUPPLEMENT No. 12**

Under the authority of Special Permisssion No. 96-547, this Supplement defers matierial issued under Transmittal No. 728 until June 16, 1996. The following pages are deferred:

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5-5.12	2nd Revised
5-12	4th Revised
5-136	3rd Revised

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**U S WEST Communications  
FEDERAL GOVERNMENT  
TELECOMMUNICATIONS  
SERVICE**

**TARIFF F.C.C. No. 3  
SUPPLEMENT No. 11**

Under the authority of Special Permisssion No. 95-1130, this Supplement defers matierial issued under Transmittal No. 629 to become effective on July 16, 1995, subsequently deferred by Transmittal No. 642 to become effective August 30, 1995, is now being deferred to become effective September 29, 1995. The following pages are deferred:

Transmittal No. 629

0-4	4th Revised
2-23.1	Original
4-1	4th Revised
4-4	5th Revised
4-8.5	3rd Revised

(Filed under Transmittal No. 666.)

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Issued: August 29, 1995

1801 California Street, Denver, Colorado 80202

**CHECK SHEET**

Title Page and Original Pages 0-1 to 0-12; 1-1; 2-1 to 2-58; 3-1 to 3-26; 4-1 to 4-26; 5-1 to 5-29; 6-1 to 6-14; 7-1 to 7-25; inclusive of this Tariff are effective as of the date shown. Original and revised pages as named below and Supplement Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 and 21 contain all changes from the original tariff that are in effect on the date hereof.

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Effective: July 6, 1999

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\* New or Revised Page.

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**CONCURRING CARRIERS**

**U S WEST Communications**

The Malheur Home Telephone Company  
Mr. A. J. Pipinich  
President  
P.O. Box 249  
Ontario, Oregon 97914

**CONNECTING CARRIERS**

No Connecting Carriers

**OTHER PARTICIPATING CARRIERS**

No Other Participating Carriers

**REGISTERED SERVICE MARKS AND TRADEMARKS**

**REGISTERED SERVICE MARKS**

None

**REGISTERED TRADEMARKS**

None



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(Filed under Transmittal No. 546.)

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1801 California Street, Denver, Colorado 80202

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**EXPLANATION OF SYMBOLS**

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

**EXPLANATION OF ABBREVIATIONS**

ABD	- Average Business Day
ac	- alternating current
AML	- Actual Measured Loss
ANSI	- American National Standards Institute
CCSA	- Common Control Switching Arrangements
CI	- Channel Interface
CNCC	- Customer Network Control Center
CO	- Central Office
Cont'd	- Continued
CPE	- Customer Provided Equipment
CSACC	- Customer Service Administration Control Center
dB	- decibel
dBm0	- Decibel reference to one milliwatt relative to zero level
dBrnC	- Decibel Reference Noise C-Message Weighting
dBrnCO	- Decibel Reference Noise C-Message Weighted 0
dBv	- Decibel(s) relative to 1 volt (reference)
dBvL	- Decibel(s) relating to 1 volt (reference)
dc	- direct current
DLR	- Design Layout Report
DS1	- FGTS DS1 Service
DS3	- FGTS DS3 Service



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

EDD	- Envelope Delay Distortion
ELEPL	- Equal Level Echo Path Loss
EML	- Expected Measured Loss
EPL	- Echo Path Loss
ERL	- Echo Return Loss
ESF	- Error Free Seconds
f	- frequency
FAR	- Federal Acquisition Regulations
F.C.C.	- Federal Communications Commission
FOC	- Firm Order Confirmation
FGTS	- Federal Government Telecommunications Service
HC	- High Capacity
Hz	- Hertz
ICB	- Individual Case Basis
ICL	- Inserted Connection Loss
IP	- Interconnection Point
ISI	- Industry Standard Interfaces
kbps	- kilobits per second
kHz	- kilohertz
LATA	- Local Access and Transport Area
Ma	- milliamperes
Mbps	- Megabits per second
MHz	- Megahertz

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

NCTE	- Network Channel Termination Equipment
NRC	- Nonrecurring Charge
OTPL	- Zero Transmission Level Point
PI	- Priority Installation
PLR	- Private Line Ringdown
POP	- Point of Presence
POT	- Point of Termination
PR	- Priority Restoration
SRL	- Singing Return Loss
SWC	- Serving Wire Center
TLP	- Transmission Level Point
TSP	- Telecommunications Service Priority
USOC	- Uniform Service Order Code
VG7	- Voice Grade 7 Analog Service
V & H	- Vertical & Horizontal

**REFERENCE TO OTHER TARIFFS**

Whenever reference is made in this Tariff to other tariffs, the reference is to the tariffs in force as of the effective date of this Tariff, and to amendments thereto and successive issues thereof.

(T)  
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**REFERENCE TO TECHNICAL PUBLICATIONS**

The following technical publications are referenced in this Tariff and may be obtained from Bellcore, Customer Service, 8 Corporate Place, PYA-3A184, Piscataway, NJ 08854-4196.

(T)

Technical Reference:

TR-NPL-000054

Issued: April, 1989

Available: April, 1989

TR-NWT-000335

Issued: May, 1993

Available: May, 1993

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TR-INS-000342

Issued: February, 1991

Available: February, 1991

SR-BDS-000983

Issued: June, 1994

Available: June, 1994

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SR-TAP-000984

Issued: March, 1988

Available: March, 1988

(T)

(T)

The following U S WEST Communications technical publications are referenced in this Tariff and may be obtained from Faison Office Products Company, Customer Services, 3251 Revere St., Suite 200, Aurora, CO. 80011.

PUB 77324 Issue C

Issued: April, 1993

Available: April, 1993

PUB 77340 Issue E

Issued: June, 1994

Available: June, 1994

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PUB 77344 Issue A

Issued: November, 1990

Available: November, 1990

PUB 77375 Issue D

Issued: October, 1995

Available: October, 1995

Certain material found on this page formerly appeared on Page 0-12.

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

The following technical publication is referenced in this Tariff and may be obtained from American National Standards Institute, Inc., 1430 Broadway, New York, N.Y. 10018.

(T)

American National Standard for Telecommunications  
(ANSI) T1.403-1989 Carrier to Customer Installation  
DS1 Metallic Interface  
Available: February 1988

**REFERENCE TO PUBLICATIONS**

The following publications are referenced in this Tariff and may be obtained from I.T.S., (T)  
F.C.C., 1919 M. Street NW, Washington D.C. 20554.

U S WEST Communications  
Tariff F.C.C. No. 2  
Issued: August, 1989 Available: August, 1989

U S WEST Communications  
Tariff F.C.C. No. 5 (T)  
Issued: July, 1994 Available: July, 1994 (T)

The following publication is referenced in this Tariff and may be obtained from the (T)  
Federal Communications Commission's commercial contractor.

National Exchange Carrier Association, Inc.  
Tariff F.C.C. No. 4  
Issued: February, 1987 Available: March, 1987

The following publication, referenced in this Tariff, is available for inspection in the (T)  
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. 20554,  
and may be obtained from the Commission's commercial contractor:

CC Docket No. 83-1145,  
Memorandum Opinion and Order  
Adopted: May 31, 1985 Released: June 12, 1985

Report in Order CC Docket 86-423  
Released: October 23, 1987

**REFERENCE TO PUBLICATIONS (Cont'd)**

The following publication, referenced in this Tariff, may be obtained by contacting the U S WEST Communications Account Representative.

U S WEST Communications Service Interval Guide

Issued: November, 1988

Available: November, 1988

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

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

Issued: July 9, 1990

Available: August, 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 9, 1990

Available: August, 1990

Certain material previously found on this page can now be found on Page 0-10.

(Filed under Transmittal No. 703.)

Issued: January 19, 1996

Effective: March 4, 1996

**1. APPLICATION OF TARIFF**

- A. This Tariff contains regulations, rates and charges applicable to the provision of Federal Government Telecommunications Service (FGTS) furnished from points within the operating territories of U S WEST Communications, hereinafter referred to as the Company, to interexchange carriers or other entities providing telecommunication service to the General Services Administration and other Government agencies, including the agencies themselves as end users, for the sole use of the GSA and such other agencies. The purchaser of service under this Tariff is referred to as the Customer. (T)
- FGTS is for the exclusive use of Federal Government or Agencies of the Federal Government. This service provides to Customers dedicated connections to specific government locations.
- B. The provision of FGTS by the Company as set forth in this Tariff does not constitute a joint undertaking with the Customer. (T)
- C. The operating territories of U S WEST Communications and their concurring carriers comprise the following locations set forth in Section 7, following, for the states of Arizona, Colorado, Idaho, Iowa, Minnesota, Montana, Nebraska, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington and Wyoming. (T)
- D. This Tariff expires on August 31, 2000. Upon expiration of this Tariff, the Customer may elect to continue service pursuant to the regulations and rates of other tariffs available at the expiration date. At the Customer's request, Specialized Arrangements and services provided on an Individual Case Basis will be filed in other tariffs available at the expiration date. (T)

## **2. GENERAL REGULATIONS**

### **2.1 UNDERTAKING OF THE COMPANY (T)**

#### **2.1.1 SCOPE**

- A. The Company does not undertake to transmit messages under this Tariff. (T)
- B. The Company shall be responsible only for the installation, operation and maintenance of the services which it provides. (T)
- C. The Company will, for maintenance purposes, test its services only to the extent necessary to detect and/or clear troubles, except as set forth in other applicable sections of this Tariff. (T)
- D. Services are provided 24 hours daily, seven days per week, except as set forth in other applicable sections of this Tariff. (T)
- E. The Company does not warrant that its facilities and services meet standards other than those set forth in this Tariff. (T)
- F. The Company shall procure all rights-of-way, easements, franchises, licenses, conduit rights, building entrance rights, landlord consents and other rights and grants of authority needed to perform the services described in this Tariff. (T)



**2. GENERAL REGULATIONS**

**2.1 UNDERTAKING OF THE COMPANY (Cont'd) (T)**

**2.1.2 LIMITATIONS**

A. The Customer may not assign or transfer the use of services provided under this Tariff. (T)

B. The regulations for installation and restoration of Telecommunications Service Priority (TSP) System services shall be subject to Part 64.401, Appendix A, of the Federal Communications Commission's Rules and Regulations and Section 5, following. (T)

C. No Third Party Beneficiaries (T)

This Tariff does not provide and is not intended to provide third parties with any remedy, claim, liability, reimbursement, cause of action, or other privilege. (T)

## **2. GENERAL REGULATIONS**

### **2.1 UNDERTAKING OF THE COMPANY (Cont'd) (T)**

#### **2.1.3 LIABILITY**

A. Subject to B. through G., following, the Company agrees to release, indemnify, defend, and hold Customers (and Customer's affiliates and personnel) harmless against all losses, costs, damages and liabilities arising out of providing service and resulting in: (T)

- claims resulting from negligence or willful misconduct, by the Company or its employees in connection with or relating to Services, (T)
- claims or charges that the Company or its employees have failed to comply with applicable requirements of law; or (T)
- claims by any of the Company's employees arising from the suspension or termination of work. (T)

#### **1. Limitation of Liability (T)**

Except with respect to wrongful disclosure of proprietary information as described in this Tariff, and claims for libel, slander, invasion of privacy, copyright or patent infringement, and D.3., E. and F., following, neither party shall be liable to the other party for any indirect, incidental, consequential, reliance or special damages suffered by such other party (including without limitation damages for harm to business, lost revenues, lost savings, or lost profits suffered by such other party), regardless of the form of action, whether in contract, warranty, strict liability, or tort, including without limitation negligence of any kind whether active or passive. Each party hereby releases the other party (and such other party's subsidiaries and affiliates, and their respective officers, directors, employees, agents, and suppliers) from any such claim. Nothing herein shall limit Customer's right to direct damages hereunder. (T)

## **2. GENERAL REGULATIONS**

### **2.1 UNDERTAKING OF THE COMPANY**

(T)

#### **2.1.3 LIABILITY**

##### **A.1. (Cont'd)**

(T)

This liability for damages shall be in addition to any amounts that may otherwise be due the customer under this Tariff as a Credit Allowance for a Service Interruption.

(T)

B. The Company shall not be liable for any act or omission of any other carrier or customer providing a portion of a service, nor shall the Company for its own act or omission hold liable any other carrier or customer providing a portion of a service.

(T)

(T)

C. The Company is not liable for damages to the Government or Customer designated premises resulting from the furnishing of a service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Company's negligence.

(T)

(T)

D. The Company shall be indemnified, defended and held harmless by the Customer or Government end user against any claim, loss or damage arising from the Government's end user or Customer's use of services offered under this Tariff, involving:

(T)

(T)

1. claims for libel, slander, invasion of privacy, or infringement of copyright arising from the Government's end users or Customer's own communications;

(T)

2. claims for patent infringement arising from the end user's acts combining or using the service furnished by the Company in connection with facilities or equipment furnished by the Government's end user or Customer, or;

(T)

(T)

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

(T)

(T)

**2. GENERAL REGULATIONS**

**2.1 UNDERTAKING OF THE COMPANY**

(T)

**2.1.3 LIABILITY (Cont'd)**

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

(T)  
(T)

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 Tariff. The Company will defend the Customer against claims of patent infringement arising solely from the use by the Customer of services offered under this Tariff and will indemnify such Customer for any damages awarded based solely on such claims.

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G. The Company's failure to provide or maintain services under this Tariff 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 2.4.4, following. If a force majeure condition under this paragraph extends beyond 30 days, the Customer shall have the right to terminate the affected services hereunder without any cancellation or early termination charges.

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## **2. GENERAL REGULATIONS**

### **2.1 UNDERTAKING OF THE COMPANY**

(T)

#### **2.1.3 LIABILITY**

G. (Cont'd)

(T)

##### **1. Force Majeure**

(T)

Except as otherwise expressly provided in this Tariff, neither party shall be liable to the other for damages resulting from any force majeure event, including without limitation the elements, lightning, past damage, power surges, fluctuations, or failures, water, acts of God; war, civil disturbances, acts of civil or military authorities, or the public enemy; fuel or energy shortages; or any other cause beyond such party's reasonable control. If a force majeure condition under this Section extends beyond 30 days, the Customer shall have the right to terminate any affected Service hereunder without any cancellation or early termination charges.

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#### **2.1.4 PROVISION OF SERVICES**

The Company, to the extent that such services are or can be made available with reasonable effort, and after provision has been made for the Company's telephone exchange services, will provide to the Customers upon reasonable notice, as defined in applicable sections of this Tariff, services offered in other applicable sections of this Tariff at rates and charges specified therein.

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After disconnection or termination of a service, the Company shall credit or refund to the Customer the pro rata portion of any recurring charge previously paid by the Customer for the period after the date of disconnection or termination within forty-five (45) days of the date of disconnection.

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## **2. GENERAL REGULATIONS**

### **2.1 UNDERTAKING OF THE COMPANY (Cont'd) (T)**

#### **2.1.5 INSTALLATION AND TERMINATION OF SERVICES**

##### **A. Customer Designated Government Premises (T)**

The services provided under this Tariff (a) will include any entrance cable or drop wiring to the Network Interface where provision is made for termination of the Company's outside distribution network facilities at a suitable location selected by the Company at a Customer designated Government premises and (b) will be installed by the Company to such point of termination. Each service has only one point of termination per Customer designated Government premises. Any additional terminations beyond such point of termination are the sole responsibility of the Customer, and (c) will include the installation of Terminating Facilities at the point of network interface at the designated Government premises. (T)

##### **B. Designated Customer Central Office (T)**

1. The Company shall be responsible for installing all Terminating Facilities in the Designated Customer's Central Offices. (T)
2. The Customer will determine the Point of Interface for the service, and the Equipment Space and Cable Route for the Terminating Facilities, in each Designated Customer's Central Office. (T)
3. The Company shall obtain the Customer's prior written approval from the appropriate Customer representative, of all Terminating Facilities before delivery of such Terminating Facilities to the Designated Customer's Central Office for installation. The Company may, at its option, seek the Customer's advance approval of additional Terminating Facilities sufficient to meet the Company's reasonably anticipated future requirements for the provision of Services to the Designated Customer's Central Office. (T)

**2. GENERAL REGULATIONS**

- 2.1      UNDERTAKING OF THE COMPANY** (T)
- 2.1.5    INSTALLATION AND TERMINATION OF SERVICES**
- B. Designated Customer Central Office (Cont'd) (T)
4. The Company shall install its Terminating Facilities as soon as practicable after their delivery to the Designated Customer's Central Office, and shall comply with specifications furnished by the Customer for such installation. The Company's Equipment shall be situated only in the Equipment Space and all the Company's cabling shall be situated only in the Cable Route. (T)
5. The services provided under this Tariff (a) will include any entrance cable or drop wiring to that point where provision is made for termination of the Company's outside distribution network facilities at a suitable location pursuant to 2., preceding, at a customer-designated premises and (b) will be installed by the Company to such point of termination. Each Access Service has only one point of termination per customer premises. Any additional terminations beyond such point of termination are the sole responsibility of the customer. (T)
6. The Company shall provide to the appropriate Customer's representative, upon request, copies of the Company's equipment assignment records to enable the Customer to verify the Company's utilization of the Terminating Facilities at each Designated Customer's Central Office. If the Customer determines that any of the Terminating Facilities exceed those needed for the provision of current or forecasted Services, it may require the Company promptly to remove such Terminating Facilities from the Designated Customer's Central Office. (T)

**2. GENERAL REGULATIONS**

- 2.1 UNDERTAKING OF THE COMPANY** (T)
- 2.1.5 INSTALLATION AND TERMINATION OF SERVICES**
- B. Designated Customer Central Office (Cont'd) (T)
7. Except to the extent the Company has obtained the Customer's advance approval for additional Terminating Facilities, the Company shall not, without prior written consent, make any alterations, additions, or improvements to Terminating Facilities in a Designated Customer's Central Office, other than maintenance and repair of the Facilities. (T)
8. If the Company desires to construct new conduit for entrance to the cable vault of a Designated Customer's Central Office, the Company shall submit to the Customer, in writing, detailed plans identifying the proposed location of the new conduit, the construction methods and materials to be used, the anticipated timing of work, the identity of any subcontractors, and any other relevant information reasonably requested by the Customer. The Company shall obtain the Customer's written consent to the construction and written approval of the Company's plans before beginning the work. (T)
- 2.1.6 MAINTAINING SERVICES** (T)
- The services provided under this Tariff shall be maintained by the Company to the parameters described as maintenance levels in Section 4. The Customer or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Company, other than by connection or disconnection to any interface means used, except with the written consent of the Company. (T)



## **2. GENERAL REGULATIONS**

### **2.1 UNDERTAKING OF THE COMPANY (Cont'd)**

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#### **2.1.7 CHANGES AND SUBSTITUTIONS**

Except as provided for equipment and systems subject to F.C.C. Part 68 Regulations in 47 C.F.R. Section 68.110(b) or other provisions of this Tariff, the Company may, where such action is reasonably required in the operation of its business, (1) substitute, change or rearrange any facilities used in providing service under this Tariff, including but not limited to, (a) substitution of different metallic facilities, (b) substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities and (c) substitution of metallic facilities for carrier or derived facilities used to provide other than metallic facilities, (2) change minimum protection criteria, (3) change operating or maintenance characteristics of facilities or (4) change operations or procedures of the Company.

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In cases of any such substitution, change or rearrangement, the transmission parameters will be within the range as set forth in Section 4, following. 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 substitution, change or rearrangement materially affects the operating characteristics of the facility, the Company will provide reasonable notification to the Customer in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics. The Company will work cooperatively with the Customer to determine reasonable notification requirements.

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## **2. GENERAL REGULATIONS**

### **2.1 UNDERTAKING OF THE COMPANY (Cont'd) (T)**

#### **2.1.8 REFUSAL AND DISCONTINUANCE OF SERVICES**

- A. Unless the provisions of 2.2.1.B. or 2.4.1.A.2., following, apply, if a Customer fails to comply with 2.1.6, preceding, or 2.2.2, 2.3.1, 2.3.4, 2.3.5 or 2.4, following, including any payments to be made by it on the dates and times herein specified, the Company may, on thirty (30) days written notice by Certified U.S. Mail to the person designated by that Customer to receive such notices of noncompliance, refuse additional applications for service and/or refuse to complete any pending orders for service by the noncomplying Customer at any time thereafter as long as such tariff noncompliance continues. (T)

If the Company does not refuse additional applications for service on the date specified in the thirty (30) days notice, and the Customer's noncompliance continues, nothing contained herein shall preclude the Company's right to refuse additional applications for service to the noncomplying Customer without further notice. (T)

- B. Unless the provisions of 2.2.1.B. or 2.4.1.A.2., following, apply, if a Customer fails to comply with 2.1.6, preceding, or 2.2.2, 2.3.1, 2.3.4, 2.3.5 or 2.4, following, including any payments to be made by it on the dates and times herein specified, the Company may, on thirty (30) days written notice by Certified U.S. Mail to the person designated by that Customer to receive such notices of noncompliance, discontinue the provision of the services to the noncomplying Customer at any time thereafter if the noncompliance of which the Customer has been notified continues. In the case of such discontinuance, all applicable charges, including termination charges, shall become due. If the Company does not discontinue the provision of the services involved on the date specified in the thirty (30) days notice, and the Customer's noncompliance continues, nothing contained herein shall preclude the Company's right to discontinue the provision of the services to the noncomplying Customer without further notice. (T)

## **2. GENERAL REGULATIONS**

### **2.1 UNDERTAKING OF THE COMPANY (Cont'd) (T)**

#### **2.1.9 NOTIFICATION OF SERVICE-AFFECTING ACTIVITIES**

The Company will provide the Customer reasonable notification of service-affecting activities that may occur in normal operation of its business and will obtain a release from the Customer's representative identified at the time of service delivery prior to interrupting service. 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. (T)

No specific advance notification period is applicable to all service activities. The Company will work cooperatively with the Customer to determine reasonable notification requirements. The Customer will make available a contact number that will be accessible 7 days per week, 24 hours per day for this purpose. (T)

#### **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. (T)

## **2. GENERAL REGULATIONS**

### **2.1 UNDERTAKING OF THE COMPANY (Cont'd) (T)**

#### **2.1.11 COPYRIGHT AND PATENT INDEMNITY**

- A. The Company agrees to release, indemnify, defend and hold the Customer (and the Customer's affiliates and Personnel) harmless against all losses, costs (including reasonable attorneys fees), damages, or liabilities arising from claims by any person alleging that the operation or installation of the Company's Facilities alone (other than Facilities purchased by the Company from an Affiliate of the Customer and which have not been altered by the Company) infringes any United States patent, trademark, or copyright. If any Facilities installed or operated under this Tariff are found to be so infringing, or if the Company has reason to believe that Facilities are likely to be found infringing, the Company will: (T)
1. procure the necessary right to permit continued use of the Facilities by the Customer under this Tariff; or (T)
  2. modify the Facilities to render them functionally equivalent and non-infringing; or (T)
  3. if the steps described in 1. and 2., above, cannot be accomplished at a reasonable expense or within a time period acceptable to the Customer, remove the Facilities. (T)
- B. If the Facilities are removed under 3., above, the Customer shall have the right to terminate the service, or any affected Access Service Request (ASR), without liability for cancellation or termination charges, and with the entitlement to a prorated refund for recurring charges paid for the month in which disconnection occurs. Amounts owed by the Customer, to the Government in accordance with the Federal Acquisition Regulations (FAR) as a result of a Facilities removal in accordance with this Section shall be considered direct damages to the Customer subject to 2.1.3. (T)

## **2. GENERAL REGULATIONS**

### **2.1 UNDERTAKING OF THE COMPANY (Cont'd)**

(T)

#### **2.1.12 TECHNICAL PARAMETERS**

Prior to adopting changes in the technical parameters for the services referenced in Section 4, the Company will notify the Customer in writing of such proposed changes. If the parties cannot agree to the proposed changes, the Company may adopt the proposed changes no earlier than 120 days after the Company's written notification of the changes to the Customer. The Customer shall have the right to terminate within the 120 day period any or all Services provided hereunder on 30 days' notice without cancellation or early termination charges. Notwithstanding other provisions of this paragraph, the Customer will be subject to any minimum termination liability for specially constructed facilities under the Company's Tariff F.C.C. No. 2 and any maximum termination liability for Specialized Arrangements provided on an Individual Case Basis in accordance with 4.9.

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**2. GENERAL REGULATIONS**

**2.1 UNDERTAKING OF THE COMPANY (Cont'd) (T)**

**2.1.13 CUSTOMER CENTRAL OFFICE**

While in a Designated Customer's Central Office, the Company's personnel shall comply at all times with the Customer's security, safety procedures and requirements, including without limitation, sign-in, identification and escort requirements. The Customer may refuse entry to, or require the departure of, any person who has failed to comply with the requirements after being notified of them. (T)

**2.1.14 REMOVAL BY THE COMPANY (T)**

- A. Unless the parties otherwise mutually agree, the Company shall remove the Terminating Facilities from the Government's Designated Premises within thirty (30) days after cancellation of the Services provided over such Terminating Facilities. The Company shall also restore the space occupied by the Terminating Facilities to its original condition, normal wear and tear excepted. All such work shall be performed by the Company at its sole expense. (T)

**2. GENERAL REGULATIONS**

**2.1 UNDERTAKING OF THE COMPANY**

(T)

**2.1.14 REMOVAL BY THE COMPANY (Cont'd)**

(T)

B. Within thirty (30) days after written request by the Customer, the Company shall, at its sole expense, remove from the Designated Customer's Central Offices any equipment not needed for the provision of the current or forecasted Services to the Customer.

(T)

C. Within sixty (60) days after disconnection of any or all Services under this Tariff or, if applicable, within sixty (60) days after any other termination of the agreement with the Customer, the Company shall, at its own expense, remove all of its equipment from the Designated Customer Central Offices and restore each equipment space to its original condition, normal wear and tear excepted.

(T)

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**2.1.15 NONEXCLUSIVE REMEDIES**

Except as otherwise expressly provided in this Tariff, each of the remedies provided under this Tariff is cumulative and is in addition to any remedies that may be available at law or in equity.

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**2. GENERAL REGULATIONS**

(T)

**2.2 USE**

**2.2.1 INTERFERENCE OR IMPAIRMENT**

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

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B. Except as provided for equipment or systems subject to the F.C.C. Part 68 Rules in 47 C.F.R. Section 68.108, if such characteristics or methods of operation are not in accordance with A., preceding, the Company will, where practicable, notify the Customer that temporary discontinuance of the use of a service may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Company's right to discontinue temporarily the use of a service if such action is reasonable under the circumstances. In case of such temporary discontinuance, the Customer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, Credit Allowance for Service Interruptions as set forth in 2.4.4.A. and B., following, is not applicable.

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**2.2.2 UNLAWFUL USE**

The Service provided under this Tariff shall not be used for an unlawful purpose.

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**2. GENERAL REGULATIONS**

(T)

**2.3 OBLIGATIONS OF THE CUSTOMER**

**2.3.1 DAMAGES**

The Customer shall reimburse the Company for damages to the Company facilities utilized to provide Services under this Tariff caused by the negligence or willful act of the Customer or Government's end user or resulting from the Customer's or the Government's end users improper use of the Company facilities, or due to malfunction of any facilities or equipment provided by other than the Company. 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.

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**2.3.2 OWNERSHIP OF FACILITIES**

Facilities utilized by the Company to provide Services under the provisions of this Tariff shall remain the property of the Company. Except for cabling in the Customer's Central Offices, such facilities shall be removed by the Company pursuant to 2.1.14 whenever requested, within a reasonable period following the request. The Customer shall not be subject to any restrictions that may otherwise exist in this Tariff, on the use or disposition of cabling, that is no longer used by the Company at the Customer's Central Offices to provide Services under this Tariff and the Customer shall not be required to return such cabling to the Company or to reimburse the Company for such cabling at any time.

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## **2. GENERAL REGULATIONS**

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

#### **2.3.3 EQUIPMENT SPACE AND POWER**

The Customer shall furnish or arrange to have furnished to the Company, at no charge, equipment space maintained at 32°F to 104°F and electrical power required by the Company to provide services under this Tariff at the points of termination of such Services. The selection of ac or dc power shall be mutually agreed to by the Customer and the Company. The Customer shall also make necessary arrangements in order that the Company will have access to such spaces at reasonable times for installing, testing, inspecting, repairing or removing Company services. The Company shall be responsible for electrical power at its own central offices. (T)  
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- A. The equipment space, cable route, and electrical power furnished to the Company in Designated Customer Central Offices under this Tariff shall be used by the Company solely for Terminating Facilities needed to provide Services to the Customer. (T)  
|  
(T)
- B. The building space and electrical power in the Government's Designated Premises furnished to the Company and identified as Customer provided space and power, shall be used by the Company solely for Service ordered from the Company by the Customer. (T)  
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(T)

## **2. GENERAL REGULATIONS**

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

#### **2.3.4 AVAILABILITY FOR TESTING**

The Services provided under this Tariff 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 and a release shall be obtained from the Customer representative prior to interrupting any Service for maintenance. Such tests and adjustments shall be completed within a reasonable time.

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#### **2.3.5 BALANCE**

All signals for transmission over the Services provided under this Tariff shall be delivered by the Customer balanced to ground.

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## 2. GENERAL REGULATIONS

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

#### 2.3.6 DESIGN OF CUSTOMER SERVICES

- A. Except as provided in 4.2.1.B.2. and 4.2.1.D.2., subject to the provisions of 2.1.7., preceding, the Customer shall be solely responsible, at its own expense, for the overall design of its Services and for any redesigning or rearrangement of its Services which may be required because of changes in facilities, operations or procedures of the Company, minimum protection criteria or operating or maintenance characteristics of the facilities. (T)
- B. Notwithstanding 2.1.1.F., if a Designated Customer Central Office is part of a condominium or three-dimensional conveyance arrangement under which contiguous real property is owned by one or more third parties, or if a Designated Customer's Central Office is in space leased by the Customer from a third party, the Customer will use reasonable efforts on the Company's behalf to negotiate with the third party owner, lessor, other lessees for any easements, rights-of-way, or licenses needed for the Company access through such third party's real property. (T)

## **2. GENERAL REGULATIONS**

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

#### **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 Tariff, any circuit, apparatus, system or method provided by the Customer. (T)
- B. The Customer shall defend, indemnify and save harmless the Company from and 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 Tariff. Included, without limitation, are 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 Tariff shall be included in the indemnification. However, the foregoing indemnification shall not apply to suits, claims, and demands to recover damages unless such suits, claims or demands are based on the tortious conduct of the Customer, its officers, agents or employees. (T)

**2. GENERAL REGULATIONS**

**2.3 OBLIGATIONS OF THE CUSTOMER**

**2.3.7 CLAIMS AND DEMANDS FOR DAMAGES (Cont'd)**

- 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 or the Government's end user in the course of using Services provided under this Tariff. (T)

**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. (T)

**2.3.9 DETERMINATION OF INTERSTATE CHARGES FOR MIXED INTERSTATE AND INTRASTATE SERVICE**

When mixed interstate and intrastate Service is provided, all charges (i.e., nonrecurring or monthly) including optional features charges, will be interstate.

## **2. GENERAL REGULATIONS**

### **2.3 OBLIGATIONS OF THE CUSTOMER (CONT'D)**

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(x) Issued under the authority of DA 95-2064

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Effective: September 30, 1995

**2. GENERAL REGULATIONS**

(T)

**2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

**2.4.1 PAYMENT OF RATES AND CHARGES**

- A. The Company shall bill on a current basis all nonrecurring charges incurred by and credits due to the Customer under this Tariff attributable to Services, including, but not limited to, Maintenance of Service as set forth in 5.1.6.A., following, established or discontinued during the preceding billing period. In addition, the Company shall bill in advance recurring charges for all Services to be provided during the ensuing billing period.

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The bill day (i.e., the billing date of a bill for a Customer for Service under this Tariff), the period of service each bill covers, and the payment date will be as follows:

(T)

1. For FGTS Voice Grade 7 Analog, FGTS DS1 and DS3 Service charges, the Company will establish a bill date each month for the Customer account. The bill will cover service charges for the ensuing billing period. Payment for such bills is due as set forth in 2., following. If payment is not received by the payment date, as set forth in 2., following, in immediately available funds, a late payment penalty will apply as set forth in 2., following.

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## **2. GENERAL REGULATIONS**

### **2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

#### **2.4.1 PAYMENT OF RATES AND CHARGES**

A. (Cont'd)

(T)

#### **2. Payment Due Date and Late Payment Penalty**

(N)

- a. All bills dated as set forth in 1., preceding, provided to the Customer by the Company, are due (payment date) by the next bill date (i.e., same date in the following month as the bill date), except as provided herein, and are payable in immediately available funds. If such payment date would cause payment to be due on a Saturday, Sunday or holiday (i.e., New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Veteran's Day, Christmas Day or designated bank holiday and a day when Washington's Birthday or Memorial Day or Columbus Day is legally observed) payment for such bills will be due from the Customer as follows:

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(T)

- If such payment date falls on a Sunday or on a holiday which is observed on a Monday, the payment date shall be the first non-holiday day following such Sunday or holiday. If such payment date falls on a Saturday or on a holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-holiday day preceding such Saturday or holiday.

(T)

**2. GENERAL REGULATIONS**

**2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

**2.4.1 PAYMENT OF RATES AND CHARGES**

A.2. (Cont'd)

b. Further, if any portion of the payment is received by the Company after the payment date as set forth in a., preceding, or if any portion of the payment is received by the Company in funds which are not immediately available to the Company, then a late payment penalty shall be due to the Company. The late payment penalty shall be the portion of the payment not received by the payment date times a late factor. The late factor shall be the lesser of:

(1) The highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the payment date to and including the date that the Customer actually makes the payment to the Company, or

(2) 0.000407 per day, compounded daily for the number of days from the payment date to and including the date that the Customer actually makes the payment to the Company.

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## **2. GENERAL REGULATIONS**

### **2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

#### **2.4.1 PAYMENT OF RATES AND CHARGES**

##### **A.2. (Cont'd)**

- c. In the event of a billing dispute, the Customer must submit a documented claim for the disputed amount. If the claim is submitted with 90 days of the payment due date, any interest credits due the Customer upon resolution of the dispute shall be calculated from the bill payment date. If the Customer submits a claim for the disputed amount more than 90 days from the payment due date, any interest credits due the Customer upon resolution of the dispute shall be calculated from the date the claim was submitted, rather than from the bill payment date. Any undisputed amounts withheld by the Customer in conjunction with disputed amounts withheld, shall be subject to the late payment penalty, as set forth in b., preceding. The Company and the Customer will resolve the dispute and the Company will assess interest credits or penalties to the Customer as follows: (T)
- If the dispute is resolved in favor of the Company and the Customer has paid the disputed amount on or before the payment due date, no interest credits or penalties will apply. (T)
  - If the dispute is resolved in favor of the Company and the Customer has withheld the disputed amount, any payments withheld pending settlement of the dispute shall be subject to the late payment penalty as set forth in b., preceding. (T)
  - If the dispute is resolved in favor of the customer and the Customer has withheld the disputed amount, no interest credits or penalties will apply. (T)

## 2. GENERAL REGULATIONS

### 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

#### 2.4.1 PAYMENT OF RATES AND CHARGES

##### A.2.c. (Cont'd)

- If the dispute is resolved in favor of the Customer and the Customer has paid the disputed amount, the Customer will receive credit from the Company for the disputed amount plus an interest payment factor. The interest payment shall be the lesser of:
  - (1) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, multiplied by the disputed amount, compounded daily for the number of days from the date when payment was made or credit claimed in accordance with c., preceding, to and including the payment due date (as set forth in a., preceding) of the bill that reflects the credit for the disputed amount. In the event that the Company agrees to refund a credit by check or wire transfer, interest will be applied up to and including the date of issuance for either the check or wire transfer.
  - (2) 0.000407 per day, multiplied by the disputed amount, compounded daily for the number of days from the date when payment was made or credit claimed in accordance with c., preceding, to and including the payment due date (as set forth in a., preceding) of the bill that reflects the credit for the disputed amount. In the event that the Company agrees to refund a credit by check or wire transfer, interest will be applied up to and including the date of issuance for either the check or wire transfer.

**2. GENERAL REGULATIONS**

**2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

**2.4.1 PAYMENT OF RATES AND CHARGES (Cont'd)**

- B. Adjustments to monthly recurring charges for the quantities of Services established or discontinued in any billing period beyond the minimum period set forth for services in other sections of this Tariff will be prorated to the number of days or major fraction of days based on a 30 day month. The Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill. (T)  
(T)  
(T)
- C. When a Customer requests more than one copy of a bill for Services provided under the provisions of this Tariff and such copies are furnished to the Customer, an additional charge applies for each additional copy of the bill as set forth in 6.11.E. (T)  
(T)  
(T)

## **2. GENERAL REGULATIONS**

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

#### **2.4.2 MINIMUM PERIODS**

The minimum period for which Services are provided and for which rates and charges are applicable is one month for FGTS Voice Grade 7 Analog Service (VG7) and FGTS DS1 Service. FGTS DS1 services purchased under any other period than month-to-month have a twelve (12) month minimum period. The minimum period for DS3 Services purchased under the FGTS DS3 Service Pricing Plan is twelve months. A month-to-month option is available for FGTS DS3 Service Capacity Channel Terminations only after the customer completes the initial Fixed Period Service Rate Plan.

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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:

- A. When an FGTS VG7 Service 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.
- B. When an FGTS DS1 Service purchased under other than the month-to-month plan is discontinued prior to the expiration of the minimum period, the applicable charge will be the total monthly charges, at the month-to-month rate in effect at the time service is discontinued, for the remainder of the twelve month minimum period. Early Termination Charges as specified in 5.2.1.C. will also apply.
- C. When an FGTS DS3 Service purchased under either the month-to-month or any other plan is discontinued prior to the expiration of the minimum period, the applicable charge will be the total monthly charges, at the month-to-month rate in effect at the time service is discontinued, for the remainder of the twelve month minimum period. Early Termination Charges as specified in 5.2.1.C. will also apply.

#### **2.4.3 CANCELLATION OF AN ORDER FOR SERVICE**

Provisions for the cancellation of an order for Service are set forth in Section 3, following.

## 2. GENERAL REGULATIONS

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

#### 2.4.4 CREDIT ALLOWANCE FOR SERVICE INTERRUPTIONS

##### A. General

A Service is interrupted when it becomes unusable to the Customer or fails to meet the measurement parameters described as "maintenance" in Section 4 and applicable limits described in 4.2.1.B.2., preceding. Service is interrupted when a failure of one or more facility components used to furnish Service under this Tariff occurs 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 to the Company or the performance falls below the special performance parameters and ends when the Service is operative or is restored to the special performance parameters excluding the following:

- Customer requested monitoring and other times when the Service or Customer's premises is not available for testing or repair of the Service.
- any monthly amortization of individual case basis costs incurred to provide special performance, for the service for each period of four hours or major fraction thereof that the interruption continues.

Reports of an inoperative Service will be taken only from the Customer of record for that particular service.

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(M)  
(T)  
(M)  
(M)  
(N)  
(N)

Certain material on this page formerly appeared on Pages 2-31 and 2-31.2.

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## **2. GENERAL REGULATIONS**

### **2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

#### **2.4.4 CREDIT ALLOWANCE FOR SERVICE INTERRUPTIONS (Cont'd)**

**B. When a Credit Allowance Applies (T)**

The credit allowance(s) for an interruption or for a series of shall not exceed any applicable monthly charges for the Service interrupted in any one monthly billing period. In case of an interruption to any Service, the credit allowance for the period of interruption shall be as follows: (T)  
(M)  
(T)  
(T)

**1. Service Guarantee - Repair (T)**

The Company assures that all service interruptions for FGTS VG7, FGTS DS1, Special Performance Parameters for FGTS DS1 and FGTS DS3 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. The Service Guarantee - Repair credit by Service is as set forth in 6.11.I, following. (T)  
(T)  
(T)  
(T)

When a Service Guarantee - Repair credit is applied to a Service, no other service interruption credit calculation is applicable for the same interruption. (N)  
(N)

The process used to determine the credit amount for a service interruption shall be as follows: (T)

- For two-point Services, one Service Guarantee - Repair credit shall apply per inoperative occurrence. (T)  
(T)
- For multiplexed Services, one Service Guarantee - Repair credit shall apply for that portion of the Service that is inoperative, per occurrence. (T)  
(T)

Certain material on this page formerly appeared on Page 2-31.1 and 2-31.2.

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## **2. GENERAL REGULATIONS**

### **2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

#### **2.4.4 CREDIT ALLOWANCE FOR SERVICE INTERRUPTIONS**

##### **B. When a Credit Allowance Applies (Cont'd)**

(T)

##### **2. SHARP and SHARP Plus**

(T)

For Self-Healing Alternate Route Protection (SHARP) and SHARP Plus, 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's point of termination located on the customer premises and/or the Company's wire Center(s) associated with the SHARP option. Such credit will be based on information provided by the network surveillance system associated with SHARP and SHARP Plus. 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. For SHARP Plus protected circuits, credit will apply to the SHARP Plus rate elements, Primary and Alternate Transport Channels, and the SHARP Plus Central Office Termination (where applicable). Credit will be limited to a maximum of one month for an interruption or series of interruptions within that month.

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##### **3. Specialized Service or Arrangements**

(N)

Credit shall be allowed for an interruption of more than four hours. The Customer shall be credited for an interruption of four hours or more at the rate of 1/180 of the monthly charges for Specialized Arrangements as set forth in 4.9.A., following.

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## 2. GENERAL REGULATIONS

### 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

#### 2.4.4 CREDIT ALLOWANCE FOR SERVICE INTERRUPTIONS

##### B. When a Credit Allowance Applies (Cont'd)

##### 4. Service Guarantee - Diversity

The Company assures that FGTS Voice Grade 7 Analog Service, FGTS DS1 Service and FGTS DS3 Service ordered with Diversity will meet the requirements as set forth in 4.11.1.A, following. Should both the primary route and the diverse (secondary) route fail at the same time and a minimum separation of 25 feet has not been provided, a Service Guarantee for Diversity credit, as set forth in 6.11.J., following, will be given to the customer provided that the following conditions have been met:

- the circuits are entirely within Company territory,
- there is a one-for-one ratio between the primary circuit and the secondary circuit,
- both circuits must fail at the same time,
- at the time of the repair of the two circuits, it is discovered that the circuits were not 25 feet apart and the repair problem occurred at a location where the two circuits should have had a 25 foot separation, and
- both circuits were reported to repair for the same incident.

Service Guarantee for Diversity applies for all circuits ordered with Diversity. The customer is responsible for any changes when Diversity is ordered to any existing service. The customer must notify the Company that the same changes be made to the secondary route at the same time. Should changes be ordered for the primary route and the same changes are not made for the secondary route, a Service Guarantee - Repair credit will apply instead of Service Guarantee for Diversity.

Certain material on this page formerly appeared on Page 2-31.3.

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**2. GENERAL REGULATIONS**

**2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

**2.4.4 CREDIT ALLOWANCE FOR SERVICE INTERRUPTIONS (Cont'd)**

(T)

**C. When Credit Allowances Do Not Apply**

(T)

No credit allowance will be provided for any Service when any of the following conditions exists:

(T)

(T)

1. Interruptions caused by the negligence of the Customer or end user under the Customer's prime contract.
2. Interruptions of a Service due to the failure of power, equipment, systems or connections provided by the Customer or end user under the Customer's prime contract, unless such failure is caused by an act or omission of the Company.
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. Thereafter, a credit allowance as set forth in B., preceding, applies.
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 the Company's 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.

(M)

(M)

Certain material on this page formerly appeared on Pages 2-31 and 2-32.

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**2. GENERAL REGULATIONS**

**2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

**2.4.4 CREDIT ALLOWANCE FOR SERVICE INTERRUPTIONS**

**C. When Credit Allowances Do Not Apply (Cont'd)**

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|--|------------|
| 7. Periods of temporary discontinuance as set forth in 2.1.3.G., and 2.2.1.B., preceding.                                | (T)<br>(M) |
| 8. Periods of interruption when the Company imposes a Maintenance of Service charge as set forth in 5.2.6.A., following. | (M)<br>(T) |
| 9. An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.         | (M)<br>(M) |
| 10. Service Guarantee - Repair credit allowances do not apply to SHARP, SHARP Plus or Specialized Arrangements.          | (T)<br>(T) |

Certain material on this page formerly appeared on Page 2-33.

Certain material previously found on this page can now be found on Page 2-31.3.

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**2. GENERAL REGULATIONS**

**2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

**2.4.4 CREDIT ALLOWANCE FOR SERVICE INTERRUPTIONS (Cont'd)**

(T)

**D. Use of an Alternative Service Provided by the Company**

(T)

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 tariffed rates and charges for the alternative service used.

**E. Temporary Surrender of a Service**

(T)

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 30 minutes or fraction thereof that the Service is surrendered. In no case will the credit allowance exceed the monthly rate for the Service surrendered in any one monthly billing period.

Certain material previously found on this page can now be found on Page 2-32.

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## **2. GENERAL REGULATIONS**

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

#### **2.4.5 RE-ESTABLISHMENT OF SERVICE FOLLOWING FIRE, FLOOD OR OTHER OCCURRENCE**

**A. Nonrecurring Charges Do Not Apply (T)**

Charges do not apply for re-establishment of Service following a fire, flood or other occurrences attributed to an Act of God provided that:

1. The Service is of the same type as was provided prior to the fire, flood or other occurrence. (T)
2. The Service is for the same end user. (T)
3. The Service is at the location on the same premises. (T)
4. The re-establishment of Service begins within 60 days after Company service is available. (The 60 day period may be extended a reasonable period if the renovation of the original location on the premises affected is not practical within the allotted time period.) (T)

#### **2.4.6 TITLE OR OWNERSHIP RIGHTS**

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

## 2. GENERAL REGULATIONS

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

#### 2.4.7 ORDERING, RATING AND BILLING OF SERVICES WHERE MORE THAN ONE EXCHANGE TELEPHONE COMPANY IS INVOLVED

The Customer will be notified 30 days prior to initial billing which Exchange Telephone Company's set of terms and conditions apply for any jointly-provided Service. The billing Exchange Telephone Company will handle billing inquiries and make adjustments to bills unless the Customer is notified otherwise.

All information necessary for billing, ordering and design coordination will be provided based on the standards in the Multiple Exchange Carrier Access Billing (MECAB) (Technical Reference SR-BDS-000983) and the Multiple Exchange Carrier Ordering and Design Guidelines (MECOD) (Technical Reference SR-TAP-000984) guidelines to ensure that jointly provided Services are installed, tested and turned up in a timely manner.

(T)  
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(T)

- A. The Exchange Telephone Company that accepts the order and/or bills the Customer is determined as follows:
1. Service With or Without Hub - Each Exchange Telephone Company involved will receive a copy of the order from the Customer. The Customer will be notified within 15 days after placing the order, which Exchange Telephone Company will accept the order and which Exchange Telephone Company will bill the Customer.

**2. GENERAL REGULATIONS**

**2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

**2.4.7 ORDERING, RATING AND BILLING OF SERVICES WHERE MORE THAN  
ONE EXCHANGE TELEPHONE COMPANY IS INVOLVED**

- A. (Cont'd) (T)
2. Upon agreement between the Exchange Telephone Companies involved, a single bill will be rendered to the Customer. The Exchange Telephone Company rendering the bill is the Exchange Telephone Company as determined in 1., preceding. The Exchange Telephone Company that will render the single bill will receive a prepared bill from each involved Exchange Telephone Company. (T)
3. If the Exchange Telephone Companies involved can not agree upon a single bill alternative, then each Exchange Telephone Company will render a separate bill to the Customer. This billing arrangement is described in 4., following. (T)



**2. GENERAL REGULATIONS**

**2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

**2.4.7 ORDERING, RATING AND BILLING OF SERVICES WHERE MORE THAN  
ONE EXCHANGE TELEPHONE COMPANY IS INVOLVED**

- A. (Cont'd) (T)
4. When the Exchange Telephone Companies involved agree to render separate bills the following regulations apply: (T)
- a. Each Exchange Telephone Company involved will accept the order from the Customer. (T)
- b. Each Exchange Telephone Company will provide the portion of the Channel Mileage element in its operating territory to an Interconnection Point (IP) with another Exchange Telephone Company. The Company will bill charges in accordance with this Tariff and the other Exchange Telephone Company will bill the charges in accordance with their tariff. (T)
- c. Each Exchange Telephone Company will render bills for nonrecurring charges as they are incurred. Bills for recurring charges will not be rendered until the service ordered can be provided by all of the Exchange Telephone Companies involved. (T)

**2. GENERAL REGULATIONS**

**2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES**

**2.4.7 ORDERING, RATING AND BILLING OF SERVICES WHERE MORE THAN  
ONE EXCHANGE TELEPHONE COMPANY IS INVOLVED**

- A.4. (Cont'd) (T)
- d. Each Exchange Telephone Company will determine the appropriate Transport or Channel Mileage by computing the airline mileage between the two ends of the Transport or Channel Mileage element. The airline mileage for the Channel Mileage element will be determined using the V&H method. (T)
- B. The Interconnection Point(s) will be determined by the Exchange Telephone Companies involved. The billing percentage factor for the Exchange Telephone Company for the service between the involved offices is listed in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. (T)
- C. When jointly provisioned Service is provided between the Company and another Exchange Telephone Company the appropriate recurring rates will be applied as follows: 1) multiply the appropriate Channel Mileage Fixed (CMF) and Channel Mileage Variable (CMV) rates by the Billing Percent (BP), and 2) all other appropriate recurring rate elements at 100 percent, if applicable (e.g., 100 percent of the Channel Termination rate for the Channel Termination provided by the Company). (T)
- D. When jointly provisioned Service is provided and the Company is the intermediate non-terminating carrier, only the recurring CMV rate for Service will apply. The CMB rate will be determined by multiplying the appropriate CMV rate by the BP. (T)
- E. When jointly provisioned Service is provided between the Company and another Exchange Telephone Company, or when the Company is the intermediate non-terminating carrier, the appropriate nonrecurring charges will be applied at 100 percent. (T)

**2. GENERAL REGULATIONS**

**2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES (Cont'd) (T)**

**2.4.8 BACKBILLING**

The Company shall provide the Customer with supporting data prior to backbilling. Any backbilling must carry a verification tracking number obtained from the Customer 30 days in advance of billing. For purposes of this provision, a charge will be deemed "back-billed" if it applies to service provided more than 90 days before the date of issue of the bill on which it appears. (T)

**2.5 CONNECTION**

**2.5.1 GENERAL**

Equipment and systems (i.e., terminal equipment, multiline terminating systems and communications systems) may be connected with Service furnished by the Company where such connection is made in accordance with the provisions specified in 2.1, preceding. (T)  
(T)

## **2. GENERAL REGULATIONS**

### **2.6 DEFINITIONS**

Certain terms used herein are defined as follows:

#### Access Capacity Management System (ACMS)

The term "Access Capacity Management System" or "ACMS" denotes the Customer's mechanized system by which the Customer may deliver an ASR or the Company may deliver Firm Order Confirmations. (T)

#### Access Service Request (ASR)

The term "Access Service Request" or "ASR" denotes a firm order by the Customer (meeting the standards developed by the Ordering and Billing Forum) transmitted via mechanical interface or manually for a Service from the Company. (T)

#### Affiliate

The term "Affiliate" denotes the parent of a company, any subsidiary of the company or of the parent, and any subsidiary of a subsidiary. A "subsidiary" of any company means a corporation or other legal entity (i) the majority of whose shares or other securities entitled to vote for election of directors (or other managing authority) is now or hereafter controlled by such company either directly or indirectly; or (ii) the majority of the equity interest in which is now or hereafter owned and controlled by such company either directly or indirectly; but any such corporation or other legal entity shall be deemed to be a subsidiary of such company only as long as such control or ownership and control exists.

## **2. GENERAL REGULATIONS**

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

#### Attenuation Distortion

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

#### Bit

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

#### Bit Error Rate (BER)

The term "Bit Error Rate (BER)" denotes the measure of the average number of bit errors over a measurement interval excluding all burst errored seconds in the measurement period. A BER of  $1 \times 10^{-6}$  means that on the average no more than one bit error is to be detected per million bits transmitted. The BER is the ratio of the number of bits in error to the total number of bits transmitted during a measurement interval (excluding all burst errored seconds).

#### Building

The term "Building" denotes a structure containing one or more designated premises.

#### Business Day

The term "Business Day" denotes the times of day that a company is open for business. Generally, in the business community, these are 8:00 or 9:00 A.M. to 5:00 or 6:00 P.M., respectively, with an hour for lunch, Monday through Friday, resulting in a standard forty-hour work week. However, Business Day hours for the Company may vary based on company policy, union contract and location. To determine such hours for an individual company, or company location, that company should be contacted at the address shown under the Issuing Carrier's name listed on Title Page, preceding, or shown under the Concurring Carrier's name listed subsequent to the Table of Contents.

## **2. GENERAL REGULATIONS**

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

#### Cable Route

The term "Cable Route" denotes the route as designated from time to time by the Customer for placement of Cabling within a Designated Customer's Central Office.

#### Cabling

The term "Cabling" denotes the fiber optic cable, metallic cable, coaxial cable, or similar transmission medium owned by the Company and used to carry services between the cable vault of the designated Customer's Central Office and the Equipment, and between the Equipment and the Point of Interface.

#### Channel(s)

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

#### Channelize

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

#### Chronic Trouble

The term "Chronic Trouble" denotes three or more cases of trouble on a circuit in one thirty-day period in which the resolution of the trouble was the same.

#### Calendar Day

The term "Calendar Day" denotes the days of the year from January 1 through December 31. When utilized in conjunction with determination of Standard Intervals, it denotes any day between January 1 through December 31 including Holidays.

## **2. GENERAL REGULATIONS**

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

#### Class A Inspection

The term "Class A Inspection" denotes a physical inspection per the following procedures:

- Frames Inspection
- Reseat plug-in modules cleaning both the plug-in and bay connectors.  
Verify plug-in option and settings.
- Clean carrier jacks.
- Clean SMAS connectors/points
- Follow Sealing Current Policy
- Follow Current NCTE Equipment Exchange Policy.

(T)

(T)

#### C-Message Noise

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

#### C-Notched Noise

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

## **2. GENERAL REGULATIONS**

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

#### Costs and Expenses

The term "Costs and Expenses" denotes (1) a party's actual out-of-pocket expenses, and (2) charges for labor by such party's personnel at their then current fully loaded labor rates.

#### Customer

The term "Customer" denotes anyone providing service to the Federal Government under this Tariff. Customer may also include any agency of the Federal Government.

(T)

#### Customer Central Office

The term "Customer Central Office" denotes the Point of Presence used by the Customer for locating Terminating Facilities.

#### Decibel

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

#### Decibel Reference Noise C-Message Weighting

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



## 2. GENERAL REGULATIONS

### 2.6 DEFINITIONS (Cont'd)

#### Decibel Reference Noise C-Message Reference to 0

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

#### Delay

The term "Delay" denotes the elapsed time between when a signal crosses the interface at the Customer's Point of Interface and the arrival time at the network interface at the Designated Government Premises, or vice versa.

#### Design Layout Report (DLR)

The term "Design Layout Report" or "DLR" denotes a report containing technical and administrative information. The DLR shall include, but not be limited to, information about cable makeup (gauge, loading, length, etc.), channel bank type and system mileage, and facility interfaces.

#### Designated Government Premises

The term "Designated Government Premises" denotes a designated premises that is a government premises.

#### Designated Interface

The term "Designated Interface" denotes, with respect to a Designated Customer's Central Office, the Point of Interface location selected by the Customer; and, with respect to a Government Designated Premises, the Network Interface location selected by the Company.

(T)

## **2. GENERAL REGULATIONS**

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

#### Designated Premises

The term "Designated Premises" denotes the premises designated by the customer on an ASR to receive a service from the Company. (T)

#### Designated Customer's Central Office

The term "Designated Customer's Central Office" denotes a Designated Premises that is a Customer's Central Office.

#### Detail Billing

The term "Detail Billing" denotes the listing of each rate element for which charges to a Customer are due on a bill prepared by the Company. (T)

#### DS1

The term "DS1" denotes digital channels for full-duplex transmission of digital signals (consisting of an information payload of 1.536 Mbps) and an operating speed of 1.544 Mbps.

#### Due Date

The term "Due Date" denotes the date for the Customer's acceptance of a delivered service as specified in the Customer's Access Service Request.

## **2. GENERAL REGULATIONS**

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

#### Echo Control

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

#### Echo Path Loss

The term "Echo Path Loss" denotes the measure of reflected signal at a 4-wire point of termination without regard to the send and receive Transmission Level Point.

#### Echo Return Loss

The term "Echo Return Loss" denotes a frequency weighted measure of return loss over the middle of the voiceband (approximately 500 to 2500 Hz)

#### Effective 2-Wire

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

## 2. GENERAL REGULATIONS

### 2.6 DEFINITIONS (Cont'd)

#### Effective 4-Wire

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

(T)

#### Envelope Delay Distortion

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

#### Equal Level Echo Path Loss (ELEPL)

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

## 2. GENERAL REGULATIONS

### 2.6 DEFINITIONS (Cont'd)

#### Equipment

The term "Equipment" denotes the Terminating Facilities (exclusive of Cabling) required by the Company to terminate services in a Designated Premises.

(T)

#### Equipment Space

The term "Equipment Space" denotes the building space designated by the Customer for placement of the Company's Equipment in a Designated Premises.

(T)

#### Error Free Seconds (EFS)

The term "Error Free Seconds (EFS)" denotes a parameter stated in percent and measured over a 24 hour period. An error free second for DS1 service is any second of digital transmission at 1.544 Mbps rate without error. In contrast, an errored second is any second with one or more errors.

#### Exchange Telephone Company

The term "Exchange Telephone Company" denotes the Telephone Company that has the franchise to provide local exchange access within the territory in question.

#### Expected Measured Loss

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

## 2. GENERAL REGULATIONS

### 2.6 DEFINITIONS (Cont'd)

#### Facilities

The term "Facilities" denotes the equipment, apparatus, transmission media (including riser cables to reach the customer Designated Premises where such riser cables are not classified as inside wire), risers and racks (exclusive of cable risers and cable racks in a Designated Customer Central Office), bays, cabinets, frames, conduit, entrance facilities, serving office facilities, and other physical plan required to provide services under this Tariff. Facilities include, but are not limited to Terminating Facilities. (T)

#### Firm Order Confirmation (FOC)

The term "Firm Order Confirmation" or "FOC" denotes the Company's written or electronically transmitted confirmation of Customer's Access Service Request. (T)

#### Frequency Shift

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

## **2. GENERAL REGULATIONS**

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

#### Government

The term "Government" denotes all agencies, independent commissions and organizations of the federal government of the United States that purchase from the Customer, under tariff or contract, a service provided to the Customer by the Company under this Tariff.

(T)

#### Immediately Available Funds

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

#### Impedance Balance

The term "Impedance Balance" denotes the method of expressing Echo Return Loss and Singing Return Loss at a 4-wire interface whereby the gains and/or loss of the 4-wire portion of the transmission path, including the hybrid, are not included in the specification.

## **2. GENERAL REGULATIONS**

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

#### Impulse Noise

The term "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 threshold.

#### Industry Standard Interfaces (ISI)

The term "Industry Standard Interfaces" or "ISI" denotes the standardized ordering forms adopted by the telecommunications industry for access services ordered by an interexchange carrier.

#### Inserted Connection Loss

The term "Inserted Connection Loss" denotes the 1004 Hz power difference (in dB) between the maximum power available at the originating end and the actual power reaching the terminating end through the inserted connection.

#### Intermodulation Distortion

The term "Intermodulation Distortion" denotes a measure of the nonlinearity of a channel. It is measured using four tones, and evaluating the ratios (in dBs) 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).



## **2. GENERAL REGULATIONS**

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

#### Local Access and Transport Area

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

#### Loss Deviation

The term "Loss Deviation" denotes the variation of the actual loss from the designed value.

#### Major Fraction Thereof

The term "Major Fraction Thereof" denotes any period of time in excess of 1/2 the stated amount of time. As an example, in considering a period of four (4) hours, a major fraction thereof would be any period of time in excess of 2 hours exactly. Therefore, if a given service is interrupted for a period of six hours and one minute, the Customer would be given a credit allowance for two four-hour periods.

#### Network Interface

The term "Network Interface" denotes the location selected by the Company for termination of a service at a Government Designated Premises.

(T)

## 2. GENERAL REGULATIONS

### 2.6 DEFINITIONS (Cont'd)

#### Phase Jitter

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

#### Point of Interface

The term "Point of Interface" denotes the DSX-1 frame, or other location selected by the Customer for termination of a service at a Designated Customer Central Office.

#### Point of Presence

The term "Point of Presence" denotes a customer designated location or premises at which the Company delivers the provision of service. (T)

#### Point of Termination

The term "Point of Termination" denotes a point at or near a Customer Designated Premises at which the Company's responsibility for the provision of service ends. (T)

#### Premises

The term "Premises" denotes a building, portion of a building in a multitenant building or buildings on contiguous property (except Railroad Right-of-Way, etc.) not separated by a public highway. This term is not to be limited to one building, but applies as well to a complex, or campus-type configuration of buildings. (T)

#### Prime Service Vendor

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

## **2. GENERAL REGULATIONS**

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

#### Return Loss

The term "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.

#### Service(s)

The term "Service" denotes the services in any quantity provided by the Company to the Customer between Designated Premises pursuant to this Tariff.

(T)

#### Service Inquiry

The term "Service Inquiry" denotes an inquiry by the Customer to the Company for nonstandard government services.

(T)

#### Serving Wire Center

The term "Serving Wire Center" denotes a local Company office from which dial tone for local exchange service would normally be provided to the Government's Premises.

(T)

## 2. GENERAL REGULATIONS

### 2.6 DEFINITIONS (Cont'd)

#### Signal-to-C-Notched Noise Ratio

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

#### Singing Return Loss

The term "Singing Return Loss" denotes the frequency weighted measure of return loss at the edges of the voiceband (200 to 500 Hz and 2500 to 3200 Hz), where singing (instability) problems are most likely to occur.

#### Subcontractor

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

(T)

#### Terminating Facilities

The term "Terminating Facilities" denotes Network Channel Terminating Equipment (NCTE) which is equipment required to provide necessary signalling arrangements, transmission levels and physical termination.

#### Transmission Path

The term "Transmission Path" denotes a communication 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 comprises physical or derived channels consisting of any form or configuration of facilities typically used in the telecommunications industry.

## **2. GENERAL REGULATIONS**

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

#### Two-Wire to Four-Wire Conversion

The term "Two-wire to Four-wire Conversion" denotes an arrangement which converts a two-wire transmission path to a four-wire transmission path to allow a four-wire facility to terminate in a two-wire entity.

#### Uniform Service Order Code (USOC)

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

(T)

#### V and H Coordinates Method

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

**2. GENERAL REGULATIONS**

**2.7 RESERVED FOR FUTURE USE**

### **3. ORDERING PROVISIONS**

#### **3.1 GENERAL**

This section sets forth the regulations for Service Orders for FGTS service. A Service Order is an order to provide the Customer with FGTS service. It is also used to provide changes to existing services.

Unless mutually agreed upon otherwise between the customer and the Company, the Company shall follow the then current Industry Standard Interface ("ISI") procedures and standards for receiving and processing orders from the Customer for Service.

(T)  
(T)

##### **3.1.1 ORDERING CONDITIONS**

A Customer may order any number of services of the same type and between the same premises on a single Service Order. All details for services for a particular order must be identical.

The Customer shall provide all information necessary for the Company to provide and bill for the requested service. In addition to the order information required in 3.1.3, following, the Customer must also provide:

(T)  
(T)

- Customer name and premises address(es).
- Billing name and address (when different from Customer name and address).
- Customer contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.

(T)  
(T)  
(T)

The Company will establish a service date when the Customer has placed an order for service with all the appropriate information to allow for the processing of the Service Order. The date on which the service date is established is considered to be the Application Date (Order Date). The Company will provide, within no more than 5 business days after receipt of a Service Order, a Firm Order Confirmation to the Customer and will advise the Customer of the Application Date, Design Layout Report and Service Date.

(T)  
(T)

### **3. ORDERING PROVISIONS**

#### **3.1 GENERAL**

##### **3.1.1 ORDERING CONDITIONS (Cont'd)**

The Company will notify the design contact person specified on the ASR at the time the DLR is issued for VG7 Service and at the time the FOC is issued for FGTS DS1 and DS3 Service if the Company is unable to provide a particular circuit on the due date. (T)

The time required to provision the service (i.e., the interval between the Application Date and the Service Date) is known as the service interval. Such intervals will be established in accordance with the service date interval guidelines as set forth in the Service Interval Guide and where possible, will reflect the Customer's requested service date. (T)

##### **3.1.2 PROVISION OF OTHER SERVICES**

- A. Other services offered under the provisions of this Tariff shall be ordered with a Service Order or as set forth in B., following. The rates and charges for these services, as set forth in Section 6, will apply in addition to the ordering charges described in this section and the rates and charges for the Service with which they are associated. (T)
- B. With the agreement of the Company, the services mentioned in A., preceding, may subsequently be added to the order at any time, up to and including the service date for the Service. When added subsequently, a design change as set forth in 3.2.2, following, will apply when an engineering review is required. (T)



### **3. ORDERING PROVISIONS**

#### **3.1 GENERAL**

##### **3.1.2 PROVISION OF OTHER SERVICES (Cont'd)**

- C. Additional Engineering will be applied to a Service Order when requested by the Customer and/or the Company determines that Additional Engineering is necessary to accommodate a Customer request. Additional Engineering will only be required as set forth in 5.2.5, following. When Additional Engineering is required, the Customer will be so notified and will be furnished with a written statement setting forth the justification for the Additional Engineering as well as an estimate of the charges. If the Customer agrees to the Additional Engineering, a firm order will be established. (T)
- If the Customer does not want the service or facilities after being notified that Additional Engineering of Company facilities is required, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charge to the Customer for the Additional Engineering may not exceed the estimated amount by more than 10%. (T)
  - The regulations for Additional Engineering are as set forth in 5.2.5, following. The charges are set forth in 6.9 and are in addition to the regulations, rates and charges specified elsewhere in this Tariff. (T)

### **3. ORDERING PROVISIONS**

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

##### **3.1.3 SERVICE ORDER**

A Service Order is used by the Company to provide a Customer service as set forth in Section 4. (T)

When placing an order for service, the Customer shall provide, at a minimum, the following information:

- For all service, the Customer must specify the designated premises or Hubs involved, the type of service (e.g., Voice Grade 7 or DS1), the channel interface, technical specifications, and options desired. (T)
- Where the Service is exempt from the Surcharge, as set forth in 5.1.3, following, the Customer shall furnish with the order the certification as set forth in that section. (T)

### **3. ORDERING PROVISIONS**

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

##### **3.1.4 SERVICE ORDER SERVICE DATE INTERVALS**

Service is provided with one of the following Service Date Intervals:

- Standard Intervals (T)
- Negotiated Intervals (T)

The Service Order Standard Intervals found in the Service Interval Guide are guidelines based on the maximum number of business days required for the provisioning of services within the Company. (T)

The Standard Intervals will be used for all orders for Services of the same channel type with the same requested service date.

Service dates for items and services not included in the Standard Intervals will be negotiated. Expedited Order charges and/or additional labor charges as set forth in Section 6, may apply.

#### **A. Standard Interval (T)**

1. A schedule of Standard Intervals applicable for Service is included in the Service Interval Guide. The schedule specifies the services and the quantities that can be provided within Standard Intervals. (T)
2. Services provided in a Standard Interval will be installed during Company business days. 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 applicable Additional Labor Charges as set forth in 6.10, following. (T)  
(T)

**3. ORDERING PROVISIONS**

**3.1 GENERAL**

**3.1.4 SERVICE ORDER SERVICE DATE INTERVALS**

- A. Standard Interval (Cont'd) (T)
- 3. Certain Services are provided in a Standard Interval which is based on calendar days. If the Due Date falls on a Saturday, Sunday or Holiday, and the 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 applicable Additional Labor Charges as set forth in 6.10, following. See the Service Interval Guide for applicable services. (T)

**3. ORDERING PROVISIONS**

**3.1 GENERAL**

**3.1.4 SERVICE ORDER SERVICE DATE INTERVALS (Cont'd)**

**B. Negotiated Interval**

The Company will negotiate a Service Date Interval with the Customer on an Individual Case Basis (ICB), when:

- There is no Standard Interval for the service,
- The quantity of services ordered exceeds the quantities specified in the Standard Interval Guide.
- The Customer requests a service date before or beyond the applicable Standard Interval service date.

The Company will offer a service date based on the type and quantity of services the Customer has requested. The Negotiated Interval may not exceed by more than six months the Standard Interval service date, or, when there is no Standard Interval, the Company offered service date.

All services for which rates are applied on an Individual Case Basis are provided with a Negotiated Interval.

The schedule in the Service Interval Guide specifies the services that will be provided on a Negotiated Interval.

Services provided on a Negotiated Interval will be installed during Company business days. If a Customer requests that installation be done outside of normally scheduled work hours, and the Company agrees to their request, the Customer will be subject to applicable Additional Labor charges as set forth in 6.10, following.

### 3. ORDERING PROVISIONS

#### 3.1 GENERAL

##### 3.1.4 SERVICE ORDER SERVICE DATE INTERVALS (Cont'd)

#### C. Service Guarantee - Provisioning

##### 1. Description

The Company assures that all provisioning requests for FGTS 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. Service Guarantee applies to provisioning orders with an application date on or after the effective date of this Tariff revision for FGTS DS1 and DS3 Service which add, move or change the channel termination(s), transport channel, or Optional Features and Functions, including service rearrangements and rollovers. There is no additional charge for this guarantee. To be eligible for the Service Guarantee credit, the following conditions must be met.

##### a. The Service Guarantee - Provisioning conditions include:

- FGTS DS1 and DS3 Service requests.
- FGTS DS1 and DS3 Services must be provided wholly within Company territories.

**3. ORDERING PROVISIONS**

**3.1 GENERAL**

**3.1.4 SERVICE ORDER SERVICE DATE INTERVALS**

**C.1. (Cont'd)**

**b. The Service Guarantee credit does not apply:**

- to service due date changes due to customer reasons, e.g., customer not ready or incorrect service order.
- to expedited service due date requests.
- during a declared national emergency (Priority Installation of Telecommunications Service Priority as described in 5.2.6.C. will take precedence).
- to Special Construction.
- during a natural disaster (e.g., tornado, earthquake, flood or fire) or a work stoppage.

(T)

(T)

(T)

(T)

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(T)

**3. ORDERING PROVISIONS**

**3.1 GENERAL (Cont'd)**



### **3. ORDERING PROVISIONS**

#### **3.2 SERVICE ORDER MODIFICATIONS**

The Customer may request a modification of its Service 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.

(T)  
(T)

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 Service Order modification, the Company will schedule a new service date. All charges for Service Order modifications will apply on a per-occurrence basis.

(T)  
(T)

Any increase in the number of service channels will be treated as a new Service Order (for the increased amount only).

If order modifications are necessary to satisfy the transmission performance for a service ordered by a Customer, these changes will be made without order modifications charges being incurred by the Customer.

### **3. ORDERING PROVISIONS**

#### **3.2 SERVICE ORDER MODIFICATIONS (Cont'd)**

##### **3.2.1 SERVICE DATE CHANGE**

Service order due 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 due date by more than 30 business days. When, for any reason, the Customer wishes to change the due date, the Customer should notify the Company before the original service date to request a different due date. If the Customer requested due date is more than 30 business days after the original due date, the order will be cancelled by the Company and reissued with the appropriate cancellation charges applied. Failure to notify the Company prior to the original service date to request a different service date may result in the application of a Dispatch Charge as set forth in 1., following.

(C)

(C)

A new due date may be requested by the Customer that is prior to the original Standard or Negotiated Interval due date. If the Company determines it can accommodate the Customer's request without delaying service dates for orders of other customers, a new due date may be established.

If the service date is changed to an earlier date, the Customer will be notified by the Company that Expedited Order Charges, as defined in 3.2.3, following, will apply.

##### **1. Dispatch Charge**

A Dispatch Charge will apply, if, for any reason, the Customer requests a change in the service date 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 Dispatch Charge is set forth in Section 6.5, following.

(T)

(T)

**3. ORDERING PROVISIONS**

**3.2 SERVICE ORDER MODIFICATIONS (Cont'd)**

(T)

**3.2.2 DESIGN CHANGE CHARGE**

(T)

The Customer may request a design change to the service ordered. A design change is any change to a Service 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 a change of Federal Government Agency premises within the same serving wire center, the addition or deletion of optional features or functions or a change in the type of channel interface. Design changes do not include a change of Customer premises, Federal Government Agency premises to a different serving wire center, or 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.

Certain material previously found on this page can be found on Page 3-12.

(Filed under Transmittal No. 824.)

Issued: January 23, 1997

Effective: March 9, 1997

### **3. ORDERING PROVISIONS**

#### **3.2 SERVICE ORDER MODIFICATIONS**

##### **3.2.2 DESIGN CHANGE CHARGE (Cont'd)**

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.

A Design Change Charge may apply, on a per order, per occurrence basis. This charge will also apply to change an incorrect address as long as the new address is in the same wire center as the incorrect address and the change is made prior to the issuance of the Design Layout Report (DLR). If a change of Federal Government Agency premises within the same wire center is requested, Expedited Order Charges may also apply as detailed in 3.2.3, following. The applicable design change charge is set forth in 6.6, following.

(C)

##### **3.2.3 EXPEDITED ORDER CHARGE**

When placing a Service Order for service(s) for which standard intervals exist, a Customer may request a service date that is prior to the standard interval service date. A Customer may also request an earlier service date on a pending standard or negotiated interval Service Order. If the Company agrees to provide the service on an expedited basis, an Expedited Order Charge will apply.

A customer may request a change of Federal Government Agency premises within the same serving wire center. When this occurs, the service date is changed to reflect the standard interval. If the Customer requests an earlier service date, an Expedited Order charge will apply.

(C)

Expedited Order Charges will not apply if the revised interval to a pending order is equal to or longer than the standard interval for that service

### **3. ORDERING PROVISIONS**

#### **3.2 SERVICE ORDER MODIFICATIONS**

##### **3.2.3 EXPEDITED ORDER CHARGE (Cont'd)**

When an expedited service date is missed, the Expedited Order Charge will not apply unless the missed service date is caused by the Customer or the Customer's end user.

The Expedited Order Charge is based on the extent to which the Service Order has been processed at the time the Company agrees to the expedited service date. A list of these critical dates and the number of days between each date is found in the Service Interval Tables. The tables in the Service Interval Tables will be used to determine the Expedited Order Charge. The Expedited Order Charge is calculated as follows:

- Based on the critical dates associated with the Service Order, as defined in 3.2.4.B.4., following, the Company will determine the next critical date scheduled to be completed on the order.
- Using the table in 6.7, following, and the critical date as determined above, the Company will determine the percent of the provisioning interval not yet completed.
- 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.
- The per day charges so developed will then be applied on a per-day-of-improvement basis, per order, but in no event shall the charge exceed 50% of the total nonrecurring charges associated with the Service Order.
- The Company will provide the Customer with an estimate of the Expedited Order Charge before expediting an order.

If costs other than additional labor are to be incurred when a Service 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 Tariff F.C.C. No. 2. Authorization to incur the costs and to bill the Customer will be in accordance with the terms and conditions of Tariff F.C.C. No. 2.

(M)  
—  
(M)

Certain material found on this page formerly appeared on Page 3-16.

(Filed under Transmittal No. 907.)

Issued: March 30, 1998

Effective: April 14, 1998

**3. ORDERING PROVISIONS**

**3.2 SERVICE ORDER MODIFICATIONS (Cont'd)**

**3.2.4 CANCELLATION CHARGE**

A. A Customer may cancel a Service 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 10 days. If the Customer is unable to accept service within 30 business days after the original service date, the following will occur:

(C)  
(T)

- The Service Order will be canceled and charges as set forth in D., and E., following, will apply, or (T)
- The service will be activated, at the customer's request, and billing for the service will commence. (T)

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 Service Order.

(C)

### **3. ORDERING PROVISIONS**

#### **3.2 SERVICE ORDER MODIFICATIONS**

##### **3.2.4 CANCELLATION CHARGE (Cont'd)**

- B. Service Date Intervals are associated with the provisioning of a Service Order, whether standard or negotiated, as set forth in 3.1.5, preceding. Certain Critical Dates, as set forth in E., following, are used by the Company to monitor the service order provisioning progress. When a Customer cancels a Service Order, cancellation charges, based on the estimated costs incurred by the Company at the time the order is canceled, will apply. 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 cancellation charge will not apply if the scheduled Service Date has not been provided to the Customer. (S-y)
- Costs incurred in conjunction with the provision of the Service Order start on the Application Date defined in C., following. When a Customer cancels a Service Order prior to the Application Date, no charge shall apply. When a Customer cancels a Service Order or part of a Service Order, on or after the Application Date, a charge equal to the estimated costs incurred by the Company shall apply as set forth in D. and E., following. (S-y)
- (S-z)

- (x) Issued under the authority of Special Permission No. 99-121. Effective date of the revised page should have been July 6, 1999.
- (y) Reissued matter filed under Transmittal No. 996, to be effective July 6, 1999.
- (z) Reissued matter filed under Transmittal No. 999, scheduled to become effective July 6, 1999.

(Filed under Transmittal No. 1003.)

Issued: July 2, 1999

Effective: July 6, 1999

### **3. ORDERING PROVISIONS**

#### **3.2 SERVICE ORDER MODIFICATIONS**

##### **3.2.4 CANCELLATION CHARGE (Cont'd)**

C. The Critical Dates monitored by the Company for the purpose of calculating a Cancellation Charge are as follows:

1. Application Date (APP): The date the Customer provides sufficient information as detailed in 3.1.1, preceding, to the Company. The APP Date is the date the Company enters the order into the Company's order distribution system. (T)
2. 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. (T)
3. Plant Test Date (PTD): The date acceptance testing is performed with the Customer.
4. 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.



**3. ORDERING PROVISIONS**

**3.2 SERVICE ORDER MODIFICATIONS**

**3.2.4 CANCELLATION CHARGE (Cont'd)**

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

(S-y)

- (x) Issued under the authority of Special Permission No. 99-121. Effective date of the revised page should have been July 6, 1999.
- (y) Reissued matter filed under Transmittal No. 999, scheduled to become effective July 6, 1999.

(Filed under Transmittal No. 1003.)

Issued: July 2, 1999

Effective: July 6, 1999

**3. ORDERING PROVISIONS**

**3.2 SERVICE ORDER MODIFICATIONS**

**3.2.4 CANCELLATION CHARGE (Cont'd)**

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

	<b>APP</b>	<b>DLRD</b>	<b>PTA</b>	<b>DD</b>
VG7	13%	44%	77%	100%[1]
DS1	10%	48%	81%	100%[1]
DS3	10%	48%	91%	100%[1]

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 by more than 120 days due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotion's), the Customer may cancel a Service Order without incurring cancellation charges.

[1] Minimum Period Charges and 100% of the nonrecurring charges. (S-y)

(x) Issued under the authority of Special Permission No. 99-121. Effective date of the revised page should have been July 6, 1999.

(y) Reissued matter filed under Transmittal No. 999, scheduled to become effective July 6, 1999.

(Filed under Transmittal No. 1003.)

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Effective: July 6, 1999

### **3. ORDERING PROVISIONS**

#### **3.2 SERVICE ORDER MODIFICATIONS**

##### **3.2.5 DECREASING QUANTITY ON PENDING SERVICE ORDERS**

Any decrease in the number of ordered Service channels will be treated as a partial cancellation and the charges as set forth in 3.2.4, preceding, will apply.

#### **3.3 SPECIAL CONSTRUCTION**

The regulations, rates and charges for special construction are set forth in Tariff F.C.C. No. 2 and are in addition to the regulations, rates and charges specified in this Tariff provided, that deployment of facilities solely to provide Specialized Arrangements as defined in other sections of this Tariff will be subject to the Specialized Arrangement provisions of this Tariff, and not to Tariff F.C.C. No. 2.

Certain material previously found on this page can now be found on Page 3-19.1.

(Filed under Transmittal No. 907.)

Issued: March 30, 1998

Effective: April 14, 1998

### **3. ORDERING PROVISIONS**

#### **3.4 TRANSITION COORDINATION**

Transition Coordination applies to extraordinary coordination requirements associated with migration of service(s) from the government agency's existing network to the services of the Customer under contract with the agency. This coordination results in Access Service Requests being processed in a coordinated fashion, as per the direction of the Customer. The Company will participate, to a reasonable extent, in local cutover committee meetings to be held not more than ten (10) calendar days after receipt of the Customer's written request for such meetings. These meetings may be held monthly for each Customer location. The Company agrees to provide reasonable cooperation and assistance to the Customer in determining the optimum access serving arrangements for each Customer Designated Premises to support a mutually agreed upon Service transition schedule. Transition Coordination is provided on an individual case basis.

(T)

(T)

**3. ORDERING PROVISIONS**

**3.4 TRANSITION COORDINATION (Cont'd)**

**A. Transition Schedule and Requirements**

(T)

At the local cutover committee meetings the parties will also establish or provide for establishing the following schedule dates and transition requirements:

1. Support the detailed planning process for each location cutover; i.e., network interface site survey, where to best perform each cutover, test schedules, cutover schedules, contingency plans, detail test plans, test specifications and coordination activities throughout the transition process, (T)
2. Service cutover date, (T)
3. Provisioning intervals for each of the Service types,
4. Test acceptance date (billing will accrue from this date only),
5. Projected service date (date of cutover from old service to new service),
6. Cutover devices required for particular locations or the Company serving wire center, (T)
7. Number of Company personnel required to assist in cutover on service date or dates, and (T)
8. Flexibility to adjust the cutover date of the new Service and the disconnect of old service due to Government delays or any other change required in the cutover schedule. (T)

### **3. ORDERING PROVISIONS**

#### **3.5 DESIGN LAYOUT REPORT**

At the request of the Customer, the Company will provide to the Customer the make-up of the facilities and services provided under this Tariff as a service to aid the Customer in designing its overall service. This information will be provided in the form of a Design Layout Report. A Mechanized Design Layout Report will be data transmitted to the Customer at no charge, and will be reissued or updated whenever these facilities are materially changed. Additional copies of the Mechanized Design Layout Report will be data transmitted at the Customer's request for a charge per Mechanized Design Layout Report transmitted as set forth in 6.8.

(T)  
(T)

At the Customer's option, a hard paper copy of the Design Layout Report will be provided to the Customer. The charge per hard paper copy of the Design Layout Report is set forth in 6.8, following.

(T)

#### **3.6 DISCONNECTS**

A customer may cancel FGTS at any time. The Company requires 2 business days' notice for the cancellation of FGTS. The notice can be written or verbal, however a verbal notice must be followed by a written confirmation within 10 days. The notice period will begin at the time of the verbal notice. If there is no verbal notice the notice period begins at the time the written request is received.

(T)

### **3. ORDERING PROVISIONS**

#### **3.7 ACCEPTANCE TESTING**

- A. The Company shall afford the Customer the opportunity to perform acceptance testing at a mutually agreed-upon time and date not later than three (3) business days prior to the Due Date. The Company shall notify the Customer's representative identified on the ASR to schedule the acceptance testing at least three (3) business days prior to the proposed date of testing. Before scheduling acceptance testing: (T)
- The Company, at its own expense, shall complete its circuit installation and pre-service testing of the Service; and (T)
  - The Customer, at its own expense, will complete its pre-service testing of a Customer interexchange service interconnected with the Service. (T)

Acceptance testing will not be used by either party as the vehicle for performing its circuit installation and pre-service testing, unless such simultaneous testing is necessary to accommodate circuit or equipment rearrangements and both parties have consented in advance to such simultaneous testing.

### **3. ORDERING PROVISIONS**

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

- B. Acceptance testing of Services shall be performed in accordance with the parameters in 4.1.B. for VG7 Services, 4.2.1.B. for FGTS DS1 Services and 4.2.2.B. for FGTS DS3 Services. The Customer will coordinate all routine and additional acceptance testing, and may, at its option, require the Company to perform such testing cooperatively with the Customer. The following tests will be performed at no charge:

(T)  
|  
(T)

**VG7:**

- Transmission
- Attenuation distortion
- Echo return loss
- Singing return loss
- Signal to C-Notched noise
- Equal Level Echo Path Loss (ELEPL)

**DS1:**

- Error free seconds
- Bit error rate

**DS3:**

Tests for the parameters applicable to the Service and as specified in the order for Service.

(T)

Additional cooperative testing charges will apply for the following tests:

**VG7:**

- Impulse noise
- Envelope Delay
- Phase Jitter
- Non-Linear Distortion
- Frequency Shift



**3. ORDERING PROVISIONS**

**3.7 ACCEPTANCE TESTING (Cont'd)**

- |  |     |
|--|-----|
| C. The Company agrees to participate as needed at the Customer's request in cooperative end-to-end testing. Applicable charges from this Tariff will apply in accordance with 6.11.B.  | (T) |
| D. Upon successful completion of cooperative testing, the respective representatives of the Company and the Customer will identify themselves to each other by name and will agree upon the date and time the Service has passed such cooperative testing for each specific circuit by number at a particular location. Unless the Customer notifies the Company that it has discovered a problem in performing these tests, the Customer shall have accepted the service on the Due Date identified in the ASR. | (T) |
| E. If a Customer discovers a problem in the Service while performing the testing described in B., preceding, they will promptly notify the Company. The Company shall correct the problem and the parties will repeat the acceptance testing procedures described in B., preceding, in order to meet the Due Date on the ASR or as otherwise agreed to between the parties. Maintenance of Service charges will apply if no problem is found, and the Company Personnel are dispatched.                          | (T) |

#### **4. SERVICE DESCRIPTIONS**

##### **4.1 FGTS VOICE GRADE 7 ANALOG SERVICE**

###### **A. Basic Channel Description**

A Voice Grade 7 (VG7) channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice Grade 7 channels are provided between Customer designated premises[1] or between a Customer designated premises and a Company Hub. When a Voice Grade 7 channel is ordered to terminate at a customer's designated Interexchange Carrier's all-digital POP, which requires a digital interface level of 1.544 Mbps or higher, the Company will provide the required interface (where facilities and space capacity are available) and assess the customer a Voice Grade 7 channel termination.

###### **B. Technical Specifications**

The technical specifications for the following parameters are delineated in Technical Reference TR-NWT-000335.

(T)

<b>MEASUREMENT PARAMETERS</b>	<b>MEASUREMENT</b>	
	<b>ACCEPTANCE</b>	<b>MAINTENANCE</b>
Transmission 1000 Hz Loss Deviation (EML)	±1.0dB	±1.5dB
Attenuation Distortion		
404-2804 Hz	-.5dB to +1.5dB	-1.0dB to +2.0dB
304-3004 Hz	-.5dB to +4.5dB	-1.0dB to +5.0dB
504-2504 Hz	-.5dB to +1.5dB	-1.0dB to +2.0dB

[1] Company Centrex is considered to be Customer Designated Premises for purposes of administering regulations, rates and charges contained in this Tariff.

**4. SERVICE DESCRIPTIONS**

**4.1 FGTS VOICE GRADE 7 ANALOG SERVICE**

**B. Technical Specifications (Cont'd)**

(T)

<b>MEASUREMENT PARAMETERS</b>	<b>MEASUREMENT</b>	
	<b>ACCEPTANCE</b>	<b>MAINTENANCE</b>
Echo Return Loss	$\geq 5.5\text{dB}$	$\leq 5.0\text{dB}$
Singing Return Loss	$\geq 3.0\text{dB}$	$\leq 2.5\text{dB}$
Equal Level Echo		
Path Loss[1]		
Echo Return Loss	$\geq 23\text{dB}$	$\leq 20\text{dB}$
Singing Return Loss	$\geq 16\text{dB}$	$\leq 14\text{dB}$
Impulse Noise		
Threshold (dBrnCO)	65dBrnCO	67dBrnCO
of Counts	15(max)in 15 mins	15(max) in 15 mins
Envelope Delay	$\leq 650$ microsec	$\geq 700$ microsec
804-2604 Hz		
Phase Jitter		
20-300 Hz	4 degrees	5 degrees
4-300 HZ	9 degrees	10 degrees
Non-linear Distortion		
Signal-2nd Order (R2)	$\geq 35\text{dB}$	$\leq 33\text{dB}$
Signal-3rd Order (R3)	$\geq 42\text{dB}$	$\leq 40\text{dB}$
Signal to C-Notched		
Noise 1004 Hz 546-13dBm0	45dBrnCO	47dBrnCO
Frequency Shift	+1 Hz	+1 Hz
Absolute Round-Trip		
Delay (ARTD)[2]	N/A	N/A

(T)

(T)

[1] Measured at 4-wire Interexchange Carrier POT, terminated at end user POT.

(N)

[2] A calculated ARTD figure will be provided upon request. If calculated value is >20 millisec the circuit will be redesigned.

(T)

(T)

#### **4. SERVICE DESCRIPTIONS**

##### **4.1 FGTS VOICE GRADE 7 ANALOG SERVICE (Cont'd)**

**C. Channel Interfaces (T)**

The NO channel interface for VG7 does not require signaling capability.

The following channel interfaces for VG7 Service require signaling capability: CT, DY, EA, EB, GO, GS, LA, LB, LC, LO, LS and SF. The above interfaces are defined as set forth in 4.3, following. The nominal impedance is 600 or 900 OHMS.

**D. Optional Features and Functions (T)**

**1. Effective Four-Wire Transmission with Two-Wire Interface (T)**

When a Customer requests that an effective four-wire channel be terminated with a two-wire interface at the Customer designated premises, then this optional feature applies. Placement of Company equipment (hybrid) will be required at the Customer's designated premises with the two-wire POT. When this option is ordered, a four-wire channel termination charge applies. (T)

**2. Signaling Capability (T)**

Signaling Capability provides for the process by which one Customer premises alerts another Customer premises on the same service with which it wishes to communicate. This feature provides for the transmission of signaling information. The following signaling types are available: Loop Start, Ground Start, E&M, DX and Single Frequency.

#### **4. SERVICE DESCRIPTIONS**

##### **4.1 FGTS VOICE GRADE 7 ANALOG SERVICE**

###### **D. Optional Features and Functions (Cont'd)**

###### **3. Conditioning**

Conditioning provides more specific transmission characteristics for Voice Grade 7 Analog Service. C-Type conditioning controls Attenuation Distortion and Envelope Delay Distortion.

For two-point service, the parameters apply to each service. C-Type conditioning and Data Capability may be combined on the same service.

If more stringent specifications than those provided by C-Type conditioning are desired, the customer has the option of ordering either Improved Attenuation Distortion or Improved Envelope Delay Distortion, or both, instead of C-type conditioning.

Additional Technical Specifications governing C-Type Conditioning, including Improved Attenuation Distortion and Improved Envelope Delay Distortion are delineated in Technical Reference TR-NWT-000335.

(T)

**4. SERVICE DESCRIPTIONS**

**4.1 FGTS VOICE GRADE 7 ANALOG SERVICE**

D.3. (Cont'd)

(T)

a. C-Type Conditioning

(T)

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are:

**ATTENUATION DISTORTION  
(FREQUENCY RESPONSE)  
RELATIVE TO 1004 Hz**

<b>FREQUENCY RANGE (Hz)</b>	<b>VARIATION (dB)</b>
504 - 2804	-1.0 to +3.0
304 - 3004	-2.0 to +6.0

**ENVELOPE DELAY DISTORTION**

<b>FREQUENCY RANGE (Hz)</b>	<b>VARIATION (MICROSECONDS)</b>
1004 - 2604	500
604 - 2604	1500
504 - 2804	3000

**4. SERVICE DESCRIPTIONS**

**4.1 FGTS VOICE GRADE 7 ANALOG SERVICE**

D.3. (Cont'd)

(T)

b. Improved Attenuation Distortion

(T)

Improved attenuation distortion is provided for additional control of attenuation distortion. The improved attenuation distortion specifications are:

<b>ATTENUATION DISTORTION (FREQUENCY RESPONSE) RELATIVE TO 1004 Hz</b>	
<b>FREQUENCY RANGE (Hz)</b>	<b>VARIATION (dB)</b>
404 - 2804	-1.0 to +2.0
304 - 3004	-1.0 to +3.0
3004 - 3204	-2.0 to +6.0

**4. SERVICE DESCRIPTIONS**

**4.1 FGTS VOICE GRADE 7 ANALOG SERVICE**

D.3. (Cont'd)

(T)

c. Improved Envelope Delay Distortion

(T)

Improved envelope delay distortion is provided for additional control of envelope delay distortion. The improved envelope delay distortion specifications are:

<b>ENVELOPE DELAY DISTORTION</b>	
<b>FREQUENCY RANGE (Hz)</b>	<b>VARIATION (MICROSECONDS)</b>
1004 - 2604	100
804 - 2604	200
604 - 2604	300
504 - 2804	600
504 - 3004	3000



#### **4. SERVICE DESCRIPTIONS**

##### **4.1 FGTS VOICE GRADE 7 ANALOG SERVICE**

###### **D. Optional Features and Functions (Cont'd)**

###### **4. Customer Specified Premises Levels**

The customer may specify both transmit and/or receive levels within ranges as delineated in Technical Reference TR-NPL-000334 and TR-NWT-000335. This option applies to customer specified level(s) other than the recommended level(s) shown in the Technical Reference.

(T)

###### **5. Improved Return Loss and Equal Level Echo Path Loss-2**

a. Improved Return Loss is available on effective two-wire transmission, at the two-wire point of termination. It provides more stringent echo control specifications. In order for this option to apply, the transmission path must be four-wire at one point of termination and two-wire at the other point of termination. The Improved Return Loss parameters are delineated in Technical Reference TR-NWT-000335.

(T)

b. Equal Level Echo Path Loss-2 (ELEPL-2) is available on an effective two-wire transmission at the four-wire point of termination. 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 point of termination and two-wire at the other point of termination. The Equal Level Echo Path Loss parameters are delineated in Technical Reference TR-NWT-000335.

(T)

#### **4. SERVICE DESCRIPTIONS**

##### **4.1 FGTS VOICE GRADE 7 ANALOG SERVICE**

###### **D. Optional Features and Functions (Cont'd)**

###### **6. Data Capability**

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability improves the Signal to C-Notched Noise Ratio and intermodulation distortion.

The Signal to C-Notched Noise Ratio and Intermodulation distortion parameters for Data Capability are delineated in Technical Reference TR-NWT-000335. (T)

When a service equipped with Data Capability is issued for voice communications, the quality of the voice transmission may not be satisfactory.

###### **7. Improved Termination**

This option provides a matching 600 ohm impedance at a four-wire point of termination, an extended range of customer specified levels (-16 to +7 TLP), and simplex reversal (when applicable). This option requires that Company equipment be placed at the customer designated premises. The Improved Termination parameters are delineated in Technical Reference TR-NWT-000335. (T)

###### **8. Central Office Multiplexer to Multiplexer Connecting Arrangement**

An arrangement to allow a customer to interconnect an individual channel of one multiplexer to an individual channel of another multiplexer, at the voice grade 7 level, as delineated in Technical Reference TR-NWT-000335. (T)

###### **9. VG7 Customer Requested Loop Back**

This option provides the Customer the ability to do loop back at 1713, 1913, 2413 and 2713 Hz. This option applies to the NO interface code only and can be used in combination with Customer Specified Level.

#### **4. SERVICE DESCRIPTIONS**

##### **4.2 HIGH CAPACITY SERVICE**

###### **4.2.1 FGTS DS1 SERVICE**

###### **A. Basic Channel Description**

FGTS DS1 Service is a high capacity channel for the transmission of isochronous serial data at a speed of 1.544 Mbps having a line code of bipolar with alternate mark inversion or Bipolar with Eight Zero Substitution.

The 1.544 Mbps signal consists of 1.536 Mbps of payload information and .008 Mbps signal for other use, (e.g., framing and synchronization). The use of the .008 Mbps signal is described in 4.2.1.E., following. End-to-end continuity of the .008 Mbps signal is not guaranteed.

DS1 channels are provided between two Customer designated premises or between a Customer designated premises and Company Hub. DS1 Channels with the Clear Channel Capability optional feature are provided between two Customer designated premises or a Customer designated premises and a Company Hub.

When an FGTS DS1 Service is ordered to terminate at a Customer's designated Interexchange Carrier's all-digital POP, which requires a digital interface level of 1.544 Mbps or higher, the Company will provide the required interface (where facilities and spare capacity are available) and assess the Customer an FGTS DS1 Service channel termination.

The signal provided to the Customer designated premises will have the characteristics of a DSX-1 signal, as described in the American National Standards Institute (ANSI) T1.403-1989, Technical Reference TR-INS-000342 and U S WEST Communications Technical Publication PUB 77375, transmitted through a cable pair having a loss in power not greater than 16.5dB.

(T)  
(T)

Should the customer choose joint designed interface signal (DJ) to the customer's designated premises, the characteristics are described in U S WEST Communications Technical Publication PUB 77375.

(T)  
(T)

The clocking for DS1 service will be network derived.

**4. SERVICE DESCRIPTIONS**

**4.2 HIGH CAPACITY SERVICE**

**4.2.1 FGTS DS1 SERVICE**

**A. Basic Channel Description (Cont'd)**

(T-x)

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#### **4. SERVICE DESCRIPTIONS**

##### **4.2 HIGH CAPACITY SERVICE**

##### **4.2.1 FGTS DS1 SERVICE (Cont'd)**

###### **B. Technical Specifications**

1. Standard Parameters (Acceptance and Maintenance) as set forth in U S WEST Communications Technical Publication PUB 77375. (T)  
(T)
  - Error-Free Seconds of 98.75% measured over a 15 minute period.
  - Bit Error Rate of  $1 \times 10^{-6}$
2. Special Performance Parameters (Acceptance and Maintenance)
  - Error Free Seconds of 99.58% measured over a 24 hour period
  - Bit Error Rate of  $1 \times 10^{-6}$
  - Delay 5 ms one way maximum

FGTS DS1 Service which meets Special Performance Parameters defined herein will be provided as a specialized arrangement pursuant to 4.9, following.

###### **C. Channel Interfaces**

The channel interface defines the bit rate, line code and framing format that is available for a DS1 channel.

See 4.3, following, for channel interfaces.

**4. SERVICE DESCRIPTIONS**

**4.2 HIGH CAPACITY SERVICE**

**4.2.1 FGTS DS1 SERVICE (Cont'd)**

**D. Optional Features and Functions**

**1. Central Office analog to digital conversion limited exclusively to Service Traffic.**

**a. DS1 to Voice**

An arrangement that provides a Company multiplexer which converts a 1.544 Mbps DS1 channel to twenty-four analog voice channels utilizing time division multiplexing. The twenty-four channels may only be used for the provisioning of FGTS Voice Grade 7 services.

(T)

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#### **4. SERVICE DESCRIPTIONS**

##### **4.2 HIGH CAPACITY SERVICE**

##### **4.2.1 FGTS DS1 SERVICE**

###### **D. Optional Features and Functions (Cont'd)**

###### **2. Clear Channel Capability**

An arrangement that allows a Customer to transport 1.536 Mbps information rate signals through a 1.544 Mbps line rate with no constraint on the quantity or sequence of ones (mark) and zero (space) bits. Charges are shown in 6.2.

###### **a. B8ZS Option**

This option requires the Customer signal at the channel interface to conform to the Bipolar with Eight Zero Substitution (B8ZS) line code algorithm as described in U S WEST Communications Technical Publication PUB 77375. This option allows B8ZS line code transmission through the network without being transcoded.

(T)

###### **b. ZBTISI Option[1]**

This option requires the customer signal at the channel interface to conform to the Zero Byte Time Slot Interchange (ZBTISI) algorithm and bipolar AMI line code as described in U S WEST Communications Technical Publication PUB 77375.

(T)

[1] As of the effective date of this Tariff, ZBTISI Option is limited to existing Customers only. Additionally, existing Customers with ZBTISI Option who move to a different premises must disconnect this optional feature.

#### **4. SERVICE DESCRIPTIONS**

##### **4.2 HIGH CAPACITY SERVICE**

##### **4.2.1 FGTS DS1 SERVICE**

D.2. (Cont'd)

c. Basic Option - Grandfathered

This option is grandfathered and is limited to existing facilities in service on the effective date of this Tariff. This option required the customer signal at the channel interface to conform to either the bipolar AMI line code with the Zero Byte Time Slot Interchange (ZBTSI) algorithm or the Bipolar with Eight Zero Substitution (B8ZS) as described in U S WEST Communications Technical Publication PUB 77375. If the channel interface conformed to the B8ZS line code algorithm, it may have been transcoded to ZBTSI for transmission through the network. If the customer signal at the channel interface was transcoded from B8ZS to ZBTSI for transmission through the network, performance messages on the data link which do not conform to standards described in U S WEST Communications Technical Publication PUB 77375 may not have been transported. SuperFrame framing was not available with the Basic option because it was not compatible with network transcoders, which required Extended SuperFrame.

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(T)



**4. SERVICE DESCRIPTIONS**

**4.2 HIGH CAPACITY SERVICE**

**4.2.1 FGTS DS1 SERVICE**

**D. Optional Features and Functions (Cont'd)**

**3. D.C. Line Power[1]**

(C)

D.C. Line Power provides a D.C. 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's end user's point of termination, i.e., in accordance with Part 68 of the Federal Communications Commission Rules and in association with the DU channel interface code.

[1] As of the effective date of this Tariff, D.C. Line Power is limited to existing Customers only. Additionally, existing Customers with D.C. Line Power who move to a different premises must disconnect this optional feature.

(N)  
|  
(N)

#### **4. SERVICE DESCRIPTIONS**

##### **4.2 HIGH CAPACITY SERVICE**

##### **4.2.1 FGTS DS1 SERVICE**

###### **D. Optional Features and Functions (Cont'd)**

###### **4. Self-Healing Alternate Route Protection**

Self-Healing Alternate Route Protection (SHARP) provides added reliability to FGTS DS1 Service transported over fiber optic facilities. This feature provides a separate facility path for the protection system between the Serving Wire Center and the Company Point of Termination located in the same building as the customer designated premises.

This 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, the FGTS DS1 Service will automatically switch to the service protect path in order to maintain a near continuous flow of information between locations.

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. Should facilities not be available, it may be necessary to construct such facilities either as (1) normal or (2) Special Construction. If Special Construction is involved, the regulations as set forth in Tariff F.C.C. No. 2 (2.6.4.D.1.) apply. For a list of facility locations where SHARP may be available as normal construction, see National Exchange Carrier Association Inc., Tariff F.C.C. No. 4.

Technical Specifications for SHARP are delineated in U S WEST Communications Technical Publication PUB 77340.

(T)  
(T)

#### **4. SERVICE DESCRIPTIONS**

##### **4.2 HIGH CAPACITY SERVICE**

##### **4.2.1 FGTS DS1 SERVICE**

###### **D. Optional Features and Functions (Cont'd)**

###### **5. SHARP Plus**

(T-x)

SHARP Plus extends the local loop protection provided by the basic SHARP option to include protection of Transport Channel (Interoffice) Facilities between Serving Wire Centers. This option must be ordered in conjunction with the SHARP option on one or both Channel Terminations of the FGTS DS1 and follows the availability guidelines detailed in 4., preceding.

(T-x)

(T-x)

(T-x)

SHARP Plus combines SHARP protection for the local loop with protection of the Transport Channel facilities and the supporting electronics when applicable. In effect, this option will allow the Service to sustain any single failure whether the failure occurs in the SHARP protected local loop or in the interoffice transport. The system will automatically detect the failure and switch to the alternate route.

This option may be ordered to provide end-to-end circuit protection when the SHARP option is ordered on each end of the circuit. It also may be ordered to provide facilities protection that terminates in a Company Wire Center. If the facilities terminate in a Company Wire Center, only that portion of the circuit with alternate routing provided will be protected.

(T-x)

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#### **4. SERVICE DESCRIPTIONS**

##### **4.2 HIGH CAPACITY SERVICE**

##### **4.2.1 FGTS DS1 SERVICE**

D.5. (Cont'd)

The same outage guarantee as detailed in 2.4.4.C.4., preceding, will apply. The outage guarantee for SHARP protection will also apply.

Rates applicable to SHARP Plus are detailed in 6.2.1, following. These rates include the SHARP option and SHARP Plus option in addition to the FGTS DS1 Channel Termination. Transport Channel mileage on the primary portion of the circuit will be billed as detailed in 5.2.2.J, following.

The mileage to be used to determine the monthly rate for the 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, SHARP option, and SHARP Plus option) will apply.

Technical Specifications for SHARP Plus are delineated in U S WEST Communications Technical Publication PUB 77340.

(T)  
(T)

#### **4. SERVICE DESCRIPTIONS**

##### **4.2 HIGH CAPACITY SERVICE**

##### **4.2.1 FGTS DS1 SERVICE**

###### **D. Optional Features and Functions (Cont'd)**

###### **6. American National Standards Institute Extended SuperFrame (ANSI ESF)**

ANSI ESF format may be transmitted by customer equipment on DS1 Service between two customer premises. ANSI ESF with Company DS1 Central Office Multiplexing is available only in suitably equipped Company Serving Wire Centers. ANSI ESF format is available as delineated in ANSI T1.403-1989.

###### **7. Central Office Multiplexer to Multiplexer Connecting Arrangement**

An arrangement to allow a customer to interconnect an individual channel of one multiplexer to an individual channel of another multiplexer at the DS1 level as delineated in U S WEST Communications Technical Publication PUB 77375. This feature may be optioned for the Bipolar with Eight Zero Substitution (B8ZS) line code as delineated in U S WEST Communications Technical Publication PUB 77375.

(T)

(T)

###### **E. .008 Mbps Signal Use (Extended Superframe Data Link)**

The .008 Mbps signal use is as described in the American National Standards Institute (ANSI) T1.403-1989.

#### 4. SERVICE DESCRIPTIONS

#### 4.2 HIGH CAPACITY SERVICE (Cont'd)

##### 4.2.2 FGTS DS3 SERVICE

###### A. Basic Channel Description

FGTS DS3 Service is a high capacity channel for the transmission of 44.736 Mbps isochronous serial data having a line code of bipolar three zero substitution (B3ZS). FGTS DS3 channels are provided between customer designated premises, between a customer designated premises and a Company Hub or between Company Hubs.

FGTS DS3 Channel Termination(s) are available utilizing an Electrical interface. The interfaces will have the characteristics of their respective signals at the Point of Termination.

Electrical Interface Capacity Channel Terminations will be provisioned utilizing Company provided equipment. Electrical Interface has eight different sizes of Capacity Channel Termination available[1]. The capacities are capable of deriving the following number of DS3 signals, as described in U S WEST Communications Technical Publication PUB 77324.

**ELECTRICAL INTERFACE/  
DS3 CAPACITY CHANNEL  
TERMINATION[1]**

1	9
2	12
3	24
6	36

- [1] Effective February 28, 1998, FGTS DS3 Service Electrical Interface Capacities of two or greater are limited to existing Customers only. Customers with Electrical Interface Capacities of two or greater in service on February 28, 1998, may continue this service until the service is moved or disconnected. If the service is moved or disconnected after February 28, 1998, DS3 Service Electrical Interface Capacities of two or greater may not be reestablished. Optional features and Per DS3s may be added to existing capacities. As of March 1, 1998, new Customers may not subscribe to FGTS DS3 Service Electrical Interface Capacities of two or greater. (C)

#### **4. SERVICE DESCRIPTIONS**

##### **4.2 HIGH CAPACITY SERVICE**

##### **4.2.2 FGTS DS3 SERVICE (Cont'd)**

###### **B. Technical Specifications**

HC3 channel technical parameters are delineated in U S WEST Communications Technical Publication PUB 77324. (T)

###### **C. Channel Interfaces**

The channel interface (CI) defines the bit rate that is available for a high capacity channel. Compatible channel interfaces are set forth in U S WEST Communications Technical Publication PUB 77324. (T)

###### **D. Optional Features and Functions**

###### **1. Central Office Multiplexing**

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

###### **2. Self-Healing Alternate Route Protection**

Self-Healing Alternate Route Protection (SHARP) provides added reliability to FGTS DS3 Service transported over fiber optic facilities. This feature provides a separate facility path for the protection system between the Serving Wire Center and the Company Point of Termination 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.

#### **4. SERVICE DESCRIPTIONS**

##### **4.2 HIGH CAPACITY SERVICE**

##### **4.2.2 FGTS DS3 SERVICE**

###### **D.2. (Cont'd)**

This added protection is provided by ensuring that backup electronics and two physically separate facility paths are used in the provisioning of the service. One primary (or working) service path is established between the Serving Wire Center and the customer designated premises. In addition, a protect path is provisioned between the customer designated premises and the Serving Wire Center via a Company designated Alternate Wire Center. In the event that the working facility or electronics fail, or the service performance becomes impaired, i.e., the bit error rate degenerates to less than or equal to  $10^{-6}$ , the facility automatically switches to the service protect path in order to maintain a near continuous flow of information between locations.

This SHARP Option is available with either circuit (per DS3) or system level protection (per system) on both optical or electrical interfaces. However, on an optical interface, the customer must order all DS3s on a system level with or without the SHARP option since the SHARP vs. non-SHARP DS3s cannot be separated on a single system.

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.

(T-x)

(T-x)

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#### **4. SERVICE DESCRIPTIONS**

##### **4.2 HIGH CAPACITY SERVICE**

##### **4.2.2 FGTS DS3 SERVICE**

###### **D.2. (Cont'd)**

Technical Specifications for SHARP are delineated in U S WEST Communications Technical Publication PUB 77340.

(T)  
(T)

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 (1) normal or (2) Special Construction. If Special Construction is involved, the regulations as set forth in Tariff F.C.C. No. 2 (2.6.4.D.1.) apply. For a list of facility locations where SHARP may be available as normal construction, see National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4.

#### **3. SHARP Plus**

SHARP Plus provides point to point facilities protection between customer designated premises or between customer designated premises and a Company Wire Center. This service is provisioned to avoid any single point of failure in the Company network. This option may be ordered in conjunction with the SHARP option on one or both Channel Terminations of the DS3 and follows the availability guidelines detailed in 2., preceding. SHARP Plus is available with an electrical interface only.

SHARP Plus combines SHARP protection for the local loop with protection of the Transport Channel facilities and the supporting electronics when applicable. In effect, this option will allow the Service to sustain any single failure whether the failure occurs in the SHARP protected local loop or in the interoffice transport. The system will automatically detect the failure and switch to the alternate route.

#### **4. SERVICE DESCRIPTIONS**

##### **4.2 HIGH CAPACITY SERVICE**

##### **4.2.2 FGTS DS3 SERVICE**

##### **D.3. (Cont'd)**

This option may be ordered to provide end-to-end circuit protection when the SHARP option is ordered on each end of the circuit. It also may be ordered to provide facilities protection that terminates in a Company Wire Center. If the facilities terminate in a Company Wire Center, only that portion of the circuit with alternate routing provided will be protected.

The same outage guarantee as detailed in 2.4.4.C.4., preceding, will apply. The outage guarantee for SHARP protection will also apply.

Technical Specifications for SHARP Plus are delineated in U S WEST Communications Technical Publication PUB 77340.

(T)  
(T)

Rates applicable to SHARP Plus are detailed in 6.2.2, following. These rates include the SHARP option and SHARP Plus option in addition to the FGTS DS3 Channel Termination. Transport Channel mileage on the primary portion of the circuit will be billed as detailed in 5.2.2.J., following.

The mileage to be used to determine the monthly rate for the 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.

**4. SERVICE DESCRIPTIONS**

**4.2 HIGH CAPACITY SERVICE**

**4.2.2 FGTS DS3 SERVICE**

D.3. (Cont'd)

(T-x)

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, SHARP option and SHARP Plus option) will apply.

(T-x)

**E. Central Office Connecting Channel**

The Central Office Connecting Channel provides a connection between two FGTS DS3 Services installed as separate services provided by the Company within the same Hub wire center .

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#### **4. SERVICE DESCRIPTIONS**

##### **4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES**

This section explains the Channel Interface codes and Network Channel codes that the customer must specify when ordering Service. Included is an example which explains the specific characters of the code, a glossary of Channel Interface codes, impedance levels, Network Channel codes and compatible Channel Interfaces.

EXAMPLE: If the customer specifies an HC Network Channel Code and a 4DU9.B Network Channel Interface at the Customer's end user's premises, the following is being requested:

##### **NETWORK CHANNEL CODE**

HC = DS1 Network Channel with a Predefined Technical Specification Package

##### **NETWORK CHANNEL INTERFACE CODE**

4 = Number of physical wires at Customer premises  
DU = Digital Access Interface  
9 = 100 ohms impedance  
B = 1.544 mbps (DS1) using AMI line code and Superframe (SF) format

#### **4. SERVICE DESCRIPTIONS**

##### **4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES (Cont'd)**

###### **A. Glossary of Channel Interface Codes and Options**

(T)

<b>CODE</b>	<b>OPTION</b>	<b>DEFINITION</b>
CT		Centrex Tie Trunk Termination
DJ		Digital hierarchy interface (Non-DSX-1)
	15	1.544 Mbps (DS1) using AMI line code and Superframe (SF) format
	15B	1.544 Mbps (DS1) using B8ZS line code and Superframe (SF) format
	15K	1.544 Mbps (DS1) using AMI line code and Non-ANSI Extended Superframe (ESF) format
	15S	1.544 Mbps (DS1) using B8ZS line code and Non-ANSI Extended Superframe (ESF) format
	15Z	1.544 Mbps (DS1) using AMI line code and Non-ANSI Extended Superframe (ESF) format with ZBTSI
	1K	1.544 Mbps (DS1) using AMI line code and ANSI Extended SuperFrame (ESF) format
	1S	1.544 Mbps (DS1) using B8ZS line code and ANSI Extended SuperFrame (ESF) format
	1Z	1.544 Mbps (DS1) using AMI line code and ANSI Extended SuperFrame (ESF) format with ZBTSI
	GO[1]	Ground-Start - open end
	GS[1]	Ground-Start - closed end
	LO[1]	Loop-Start - open end
	LS[1]	Loop-Start - closed end
	EA[1]	E&M signaling
	NO[1]	Transmission only - no signaling

(T)

(T)

[1] This code is available only for use in Company Serving Wire Centers.

(T)

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#### **4. SERVICE DESCRIPTIONS**

##### **4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES**

###### **A. Glossary of Channel Interface Codes and Options (Cont'd)**

(T)

<b>CODE</b>	<b>OPTION</b>	<b>DEFINITION</b>
DS		Digital hierarchy interface (DSX-1)
	15	1.544 Mbps (DS1) using AMI line code and Superframe (SF) format
	15K	1.544 Mbps (DS1) using AMI line code and Non-ANSI Extended Superframe (ESF) format
	15S	1.544 Mbps (DS1) using B8ZS line code and Non-ANSI Extended Superframe (ESF) format
	15Z	1.544 Mbps (DS1) using AMI line code with ZBTISI algorithm and Non-ANSI Extended Superframe format (ESF)
	1K	1.544 Mbps (DS1) using AMI line code and ANSI Extended SuperFrame (ESF) format
	1S	1.544 Mbps (DS1) using B8ZS line code and ANSI Extended SuperFrame (ESF) format
	1Z	1.544 Mbps (DS1) using AMI line code and ANSI Extended SuperFrame (ESF) format with ZBTISI
	GO[1]	Ground-Start - open end
	GS[1]	Ground-Start - closed end
	LO[1]	Loop-Start - open end
	LS[1]	Loop-Start - closed end
	EA[1]	E&M signaling
	NO[1]	Transmission only - no signaling

(T)

(T)

[1] This code is available only for use in Company Serving Wire Centers.

(T)

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**4. SERVICE DESCRIPTIONS**

**4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES**

**A. Glossary of Channel Interface Codes and Options (Cont'd)**

(T)

<b>CODE</b>	<b>OPTION</b>	<b>DEFINITION</b>
DU		Digital access interface
	15B	1.544 Mbps (DS1) using B8ZS line code and SuperFrame (SF) format
	B	1.544 Mbps (DS1) using AMI line code and Superframe (SF) format
	BN	1.544 Mbps (DS1) format per Technical Publication PUB 41451 plus D4 without D.C. Line Power
	C	1.544 Mbps (DS1) using AMI line code and Non-ANSI Extended Superframe (ESF) format
	CN	1.544 Mbps (DS1) using AMI line code and Non-ANSI Extended Superframe (ESF) format, without D.C. Line Power
	D	1.544 Mbps (DS1) using B8ZS line code and Superframe (SF) format, with D.C. Line Power
	DN	1.544 Mbps (DS1) using B8ZS line code and Superframe (SF) format, without D.C. Line Power
	S	1.544 Mbps (DS1) using B8ZS line code and Non-ANSI Extended Superframe (ESF) format
	SN	1.544 Mbps (DS1) using B8ZS line code and Non-ANSI Extended Superframe (ESF) format, without D.C. Line Power

#### **4. SERVICE DESCRIPTIONS**

##### **4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES**

###### **A. Glossary of Channel Interface Codes and Options (Cont'd)**

(T)

<b>CODE</b>	<b>OPTION</b>	<b>DEFINITION</b>
DU		Digital access interface (Cont'd)
	Z	1.544 Mbps (DS1) using AMI line code with ZBTISI algorithm and Non-ANSI Extended Superframe (ESF) format
	ZN	1.544 Mbps (DS1) using AMI line code and Non-ANSI Extended Superframe (ESF) format with ZBTISI application, without D.C. Line Power
	1K	1.544 Mbps (DS1) using AMI line code and ANSI Extended SuperFrame (ESF) format
	1KN	1.544 Mbps (DS1) using AMI line code and ANSI Extended SuperFrame (ESF) format, but without D.C. Line Power
	1S	1.544 Mbps (DS1) using B8ZS line code and ANSI Extended SuperFrame (ESF) format
	1SN	1.544 Mbps (DS1) using B8ZS line code and ANSI Extended SuperFrame (ESF) format, but without D.C. Line Power
	1Z	1.544 Mbps (DS1) using AMI line code and ANSI Extended SuperFrame (ESF) format with ZBTISI
	1ZN	1.544 Mbps (DS1) using AMI line code and ANSI Extended SuperFrame (ESF) format with ZBTISI, but without D.C. Line Power
	GO[1]	Ground-Start - open end
	GS[1]	Ground-Start - closed end
	LO[1]	Loop-Start - open end
	LS[1]	Loop-Start - closed end
	EA[1]	E&M signaling
	NO[1]	Transmission only - no signaling

(T)

(T)

[1] This code is available only for use in Company Serving Wire Centers.

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#### **4. SERVICE DESCRIPTIONS**

##### **4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES**

###### **A. Glossary of Channel Interface Codes and Options (Cont'd)**

(T)

<b>CODE</b>	<b>OPTION</b>	<b>DEFINITION</b>
DY[1]		Duplex signaling interface at Customer's end user point of termination (grandfathered)
EA	E	Type I E&M Lead Signaling. Customer at POT or end user at POT originates on E Lead
EA	M	Type I E&M Lead Signaling. Customer at POT or end user at POT originates on M Lead
EB	E	Type II E&M Lead Signaling. Customer at POT or end user at POT originates on E Lead
EB	M	Type II E&M Lead Signaling. Customer at POT or end user at POT originates on M Lead
GO		Ground start loop signaling - open end function by Customer or end user
GS		Ground start loop signaling - closed end function by Customer or end user
	C	Centrex foreign exchange trunk termination
LA		End user loop start loop signaling - Type A registered port open end
LB		End user loop start loop signaling - Type B registered port open end
LC		End user loop start loop signaling - Type C registered port open end
LO		Loop start loop signaling - open end
LS		Loop start loop signaling - closed end function by Customer or end user
NO		Signaling interface, transmission only

(T)

[1] For Grandfathered PBX locations only

(T)

Certain material previously found on this page can now be found on Page 4-12.1.

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#### 4. SERVICE DESCRIPTIONS

##### 4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES

###### A. Glossary of Channel Interface Codes and Options (Cont'd)

CODE	OPTION	DEFINITION
SF		Single frequency signaling with VF band
	AB	SF to manual ring[1]
	EA	SF to E&M signaling[1]
	O	SF to loop signaling, ground start, open end[1]
	GS	SF to loop signaling, ground start, closed end[1]
	LO	SF to loop signaling, loop start, open end[1]
	LS	SF to loop signaling, loop start, closed end[1]
	LR	SF to automatic ring[1]

[1] Applicable option needed only when associated interface protocol is high capacity, i.e., DJ, DS or DU.

Certain material on this page formerly appeared on Page 4-12.

**4. SERVICE DESCRIPTIONS**

**4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES (Cont'd)**

**B. Impedance (T)**

The nominal reference impedance with which the channel will be terminated for the purpose of evaluating transmission performance:

<b>VALUE (OHMS)</b>	<b>CODE(S)</b>
600	2
900	3
100	9

**C. Digital Hierarchy Channel Interface Codes (T)**

Customer selecting the multiplexed four-wire DS1 or higher facility interface option at the Customer designated premises will be requested to provide subsequent system and channel assignment data. The available digital bit rate and related facility interface code, plus the speed option is indicated below:

<b>ELECTRICAL INTERFACE CODE AND SPEED OPTION</b>	<b>NOMINAL BIT RATE</b>	<b>DIGITAL HIERARCHY LEVEL</b>
4DS9-15	1.544 Mbps	DS1

**D. Service Designator/Network Channel Code Conversion Table (T)**

The purpose of this table is to show the relationship between the service designator code (VG7, HC1) and the network channel codes that are used for various administrative purposes.

<b>SERVICE DESIGNATOR CODE</b>	<b>NETWORK CHANNEL CODE</b>
Voice VG7	LH
DS1 HC1	HC

#### 4. SERVICE DESCRIPTIONS

#### 4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES (Cont'd)

E. Standard Compatible Channel Interfaces (T)

1. Voice Grade 7 Analog Service (T)

VG7 COMPATIBLE CIs ALL COMPANIES		VG7 COMPATIBLE CIs ALL COMPANIES		
4DS9-[1]	4CT2	4CT2	4CT2	(T)
4DS9.15	4DY2	4CT2	4EA2-E	
2CT3	DIGITAL[2]	4CT2	4EA2-M	(T)
2CT3	4EA2-E	4CT2	6EA2-E	
2CT3	4EA2-M	4CT2	6EA2-M	
2CT3	6EA2-E	4CT2	6EB2-E	
2CT3	6EA2-M	4CT2	6EB2-M	
2CT3	6EB2-E	4CT2	8EB2-E	
2CT3	6EB2-M	4CT2	8EB2-M	
2CT3	8EB2-E			
2CT3	8EB2-M			
2CT3	2CT3			
2CT3	4CT2			

[1] See 4.3, preceding, for explanation. (T)

[2] DIGITAL indicates a digital channel interface code. DIGITAL can be substituted with 4DJ9-\*, 4DS9-\* or 4DU9-\* for additional interface combinations. (T)

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#### 4. SERVICE DESCRIPTIONS

##### 4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES

E.1. (Cont'd)

(T)

**VG7**  
**COMPATIBLE CIs**  
**ALL COMPANIES**

DIGITAL[1] 2GS2  
DIGITAL[1] 2GS3-C  
DIGITAL[1] 2LA2  
DIGITAL[1] 2LB2  
DIGITAL[1] 2LC2  
DIGITAL[1] 2LS2  
DIGITAL[1] 4CT2  
DIGITAL[1] 2LS3  
DIGITAL[1] 2LO3  
DIGITAL[1] 2NO2

**VG7**  
**COMPATIBLE CIs**  
**ALL COMPANIES**

DIGITAL[1] 4EA2-E  
DIGITAL[1] 4EA2-M  
DIGITAL[1] 4GS2  
DIGITAL[1] 4LS2  
DIGITAL[1] 4NO2  
DIGITAL[1] 6EA2-E  
DIGITAL[1] 6EA2-M  
DIGITAL[1] 6EB2-E  
DIGITAL[1] 6EB2-M  
DIGITAL[1] 8EB2-E  
DIGITAL[1] 8EB2-M

(T)

(T)

[1] DIGITAL indicates a digital channel interface code. DIGITAL can be substituted with 4DJ9-\*, 4DS9-\* or 4DU9-\* for additional interface combinations. See 4.3, preceding, for explanation.

(T)

(T)

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#### 4. SERVICE DESCRIPTIONS

##### 4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES

E.1. (Cont'd)

(T)

VG7 COMPATIBLE CIs ALL COMPANIES		VG7 COMPATIBLE CIs ALL COMPANIES	
4EA2-E	4EA2-E	6EA2-E	6EB2-M
4EA2-E	4EA2-M	6EA2-E	8EB2-E
4EA2-E	6EB2-E	6EA2-E	8EB2-M
4EA2-E	6EB2-M	6EA2-M	4EA2-E
4EA2-E	8EB2-E	6EA2-M	4EA2-M
4EA2-E	8EB2-M	6EA2-M	6EA2-M
4EA2-M	4EA2-M	6EA2-M	6EB2-E
4EA2-M	6EB2-E	6EA2-M	6EB2-M
4EA2-M	6EB2-M	6EA2-M	8EB2-E
4EA2-M	8EB2-E	6EA2-M	8EB2-M
4EA2-M	8EB2-M	6EB2-E	6EB2-E
6EA2-E	4EA2-E		
6EA2-E	4EA2-M		
6EA2-E	6EA2-E		
6EA2-E	6EA2-M		
6EA2-E	6EB2-E		

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#### 4. SERVICE DESCRIPTIONS

##### 4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES

E.1. (Cont'd)

(T)

VG7 COMPATIBLE CIs ALL COMPANIES		VG7 COMPATIBLE CIs ALL COMPANIES	
4SF2	2GS2	6EB2-E	6EB2-M
4SF2	2LA2	6EB2-E	8EB2-E
4SF2	2LB2	6EB2-E	8EB2-M
4SF2	2LC2	6EB2-M	6EB2-M
4SF2	2LR2	6EB2-M	8EB2-E
4SF2	2LS2	6EB2-M	8EB2-M
4SF2	2RV2	8EB2-E	8EB2-E
4SF2	2RV3	8EB2-E	8EB2-M
4SF2	4EA2	8EB2-M	8EB2-M
4SF2	4EA2-M		
4SF2	4GS2		
4SF2	6EA2-E		
4SF2	6EA2-M		
4SF2	6EB2-E		
4SF2	6EB2-M		
4SF2	8EB2-E		
4SF2	8EB2-M		
4SF2	8EC2		
2GS3[1]	4SF2		
2LD3	4SF2		
2LS3[2]	4SF2		
2CT3	4SF2		
4CT2	4SF2		
DIGITAL[3]	4SF2[4]		

(T)

(T)

(T)

[1] The "C" and "M" options as described in 4.3, preceding, are also available with this combination (i.e., 2GS3-C or 2GS3-M).

(T)

[2] The "M" option as described in 4.3, preceding, is also available with this combination (i.e., 2LS3-M).

[3] DIGITAL indicates a digital channel interface code. DIGITAL can be substituted with 4DJ9-\* 4DS9- or 4DU9\* for additional interface combinations.

[4] Use with options EA, LS, LO, GS or GO (i.e., 4SF2-LO or 4SF2-EA).

(T)

Certain material on this page formerly appeared on Page 4-16.

#### 4. SERVICE DESCRIPTIONS

##### 4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES

E.1. (Cont'd)

(T)

**VG7**  
**COMPATIBLE CIs**  
**ALL COMPANIES**

**VG7**  
**COMPATIBLE CIs**  
**ALL COMPANIES**

4GO2          2GS2  
4GO2          4GS2  
2GS3[1]      4GO2  
2LO3          4LS2  
4LS2          2LA2  
4LS2          2LB2

4NO2          2NO2  
4NO2          4NO2

(T)

2. DS1 Service

(T)

**DS1**  
**COMPATIBLE CIs**  
**ALL COMPANIES**

**DS1**  
**COMPATIBLE CIs**  
**ALL COMPANIES**

4LS2          2LC2  
04DS9.15      04DU9.B  
04DS9.15K      04DU9.C  
04DS9.15S      04DU9.S  
04DS9.15Z      04DU9.Z  
04DS9.15      04DU9.BN  
04DS9.15K      04DU9.CN  
04D29.15S      04DU9.SN  
04DS9.15Z      04DU9.ZN  
04DJ9-15B      04DU9-DN  
04DS9-15B      04DU9-D  
04DS9-15B      04DU9-DN

04DJ9.15      04DU9.B  
04DJ9.15K      04DU9.C  
04DJ9.15S      04DU9.S  
04DJ9.15Z      04DU9.Z  
04DJ9.15      04DU9.BN  
04DJ9.15K      04DU9.CN  
04DJ9.15S      04DU9.SN  
04DJ9.15Z      04DU9.ZN  
04CS9-15B      04DU9-D  
04CS9-15B      04DU9-DN  
04DJ9-15B      04DU9-D

[1] The "C" options as described in A., preceding, are also available with this combination (i.e., 2G53-C).

(T)  
(T)

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#### 4. SERVICE DESCRIPTIONS

##### 4.3 CHANNEL INTERFACE AND NETWORK CHANNEL CODES

E.2. (Cont'd)

(T)

**DS1  
COMPATIBLE CIs  
ALL COMPANIES**

4DS9-1K	4DS9-1K
4DS9-1K	4DJ9-1K
4DS9-1K	4DU9-1K
4DS9-1K	4DU9-1KN
4DJ9-1K	4DU9-1K
4DJ9-1K	4DJ9-1K
4DJ9-1K	4DU9-1KN
4DU9-1K	4DU9-1K
4DU9-1K	4DU9-1KN
4DU9-1KN	4DU9-1K

**DS1  
COMPATIBLE CIs  
ALL COMPANIES**

4DS9-1S	4DS9-1S
4DS9-1S	4DJ9-1S
4DS9-1S	4DU9-1S
4DS9-1S	4DU9-1SN
4DJ9-1S	4DJ9-1S
4DJ9-1S	4DU9-1S
4DJ9-1S	4DU9-1SN
4DU9-1S	4DU9-1S
4DU9-1S	4DU9-1SN
4DU9-1SN	4DU9-1SN

**DS1  
COMPATIBLE CIs  
ALL COMPANIES**

4DS9-1Z	4DS9-1Z
4DS9-1Z	4DJ9-1Z
4DS9-1Z	4DU9-1Z
4DS9-1Z	4DU9-1ZN
4DJ9-1Z	4DJ9-1Z
4DJ9-1Z	4DU9-1Z
4DJ9-1Z	4DU9-1ZN
4DU9-1Z	4DU9-1ZN
4DU9-1Z	4DU9-1ZN
4DU9-1ZN	4DU9-1ZN

(D)

#### 4. SERVICE DESCRIPTIONS

##### 4.4 TROUBLE REPORTING

###### A. General

Company personnel shall be available for testing and maintenance twenty-four (24) hours per day, seven (7) days per week, and the Company shall provide a toll free trouble reporting number that is accessible on the same around-the-clock basis. The Company shall accept trouble reports from any Customers' representative after the Customer has performed all reasonable available tests, and has sectionalized a trouble to a Company Service. Applicable charges from this Tariff will apply. If the Company becomes aware of any condition, circumstance, or failure that could materially affect the services provided, the Company shall notify the Customer.

###### B. Whenever a trouble is reported pursuant to A., preceding, the parties shall exchange the information described following.

###### 1. The Company shall provide:

- Company's trouble ticket number;
- the name of the Company personnel taking the trouble report; and
- a commitment to call back within one-half (1/2) hour for DS1s and one hour for VG7s and at least hourly intervals thereafter (or shorter period, if requested for high priority restorations as set forth in 5.2.6.C.) from the time of the trouble report to give status information or to request that the Customer verify that the trouble has been cleared. Applicable charges as set forth in Section 6 will apply.

#### **4. SERVICE DESCRIPTIONS**

##### **4.4 TROUBLE REPORTING**

###### **B. (Cont'd)**

###### **2. The Customer will provide the Company with:**

- a call back telephone number;
- a trouble report ticket number;
- the name of the representative reporting the trouble;
- the Company's circuit number for the circuit in trouble;
- the name, address, and telephone number of the end user, if applicable; the name of the contact person at the end user's designated premises; and
- the nature of the trouble being reported.

(T)

(T)

(T)

##### **4.5 TESTING AND TROUBLE CLEARANCE**

- A. The Company shall test independently to complete sectionalization of the trouble. If such independent testing is ineffective, the Company shall test cooperatively with the Customer, and shall provide the Customer with any information needed to perform sectionalization testing through the Company's facilities. If the trouble is sectionalized to the Company's facilities, the Company shall take necessary steps to clear the trouble and restore the affected service. In the event trouble is erroneously sectionalized to the Company facilities by the Customer, a Maintenance of Service charge as set forth in Section 6 will apply. The Company shall report the status of its efforts to clear the trouble.

(T)

(T)

(T)

(T)

(T)

(T)

#### 4. SERVICE DESCRIPTIONS

##### 4.5 TESTING AND TROUBLE CLEARANCE (Cont'd)

- B. The Company shall, on request by the Customer, adjust Voice Grade 7 circuits to meet the performance limits designated as "acceptance" in 4.1.B. In the event such a request is made and the Company finds that the circuit meets the limits designated as "maintenance" in 4.1.B., a Maintenance of Service charge as specified in Section 6 will apply for the adjustment to "acceptance" limits. In the event the Company finds that the circuit fails to meet limits designated as "maintenance," no Maintenance of Service charge will apply. (C)
- C. The Company agrees to participate as requested in cooperative end-to-end testing, with the Customers and other telephone companies designated by the Customers. (Additional testing charges, as specified in Section 6, will apply for non-maintenance testing.) (T)  
(T)
- D. For DS1 service and Specialized Arrangements the Company will test remotely with the customer, or dispatch to work with the customer representative to insure that the circuit meets appropriate technical parameters. If the circuit already meets the parameter values designated in Section 4.2.1.B., a Maintenance of Service charge, as specified in Section 6, will apply. In the event the Company finds that the circuit fails to meet limits designated as "maintenance," no Maintenance of Service charge will apply. (C)  
(C)  
(T)

**4. SERVICE DESCRIPTIONS**

**4.6 CLEARANCE REPORTING**

The Company shall promptly make its status or trouble clearance reports to the Customer personnel by calling the telephone number provided pursuant to 4.4.B. Upon the Customer's acceptance of the restored service, the Company will provide the following information:

(T)  
|  
(T)

- the trouble ticket number, and circuit number, as provided to the Company pursuant to 4.4.B.; and
- trouble resolution information, including the nature of the trouble found, the time the trouble was cleared, and the name and telephone number of the Company person responsible for clearing the trouble ticket.

(T)  
|  
(T)  
(T)

#### **4. SERVICE DESCRIPTIONS**

##### **4.7 REPAIR VERIFICATION**

Upon reporting trouble clearance, the Company shall hold the trouble ticket for 1/2 hour to permit the Customer's personnel that reported the trouble to perform repair verification testing on the restored service. In addition, if a Company technician was dispatched to the designated premises for trouble clearance, the Company shall cause its technician to remain on the designated premises and be available for cooperative testing for a period of at least one-half (1/2) hour after the time the trouble was reported cleared to the Customer. If requested, the Company technician will remain on the designated premises and be available for cooperative testing for the period in excess of one-half hour after the trouble was reported cleared to the Customer. Applicable charge from 6.11.B. will apply.

##### **4.8 CHRONIC TROUBLES**

The Company shall, upon determining a circuit meets the definition of a chronic trouble, do the following:

- Perform Class "A" Inspection Procedures.

#### **4. SERVICE DESCRIPTIONS**

##### **4.9 SPECIALIZED ARRANGEMENT**

- A. General (T)
- Specialized Service or Arrangements may be provided by the Company, at the request of a Customer, on an individual case basis if such service or arrangements meet the following criteria: (T)
- The requested service or arrangements are not offered under other sections of this Tariff. (T)
- The requested service or arrangements are provided within a LATA.
- The requested service or arrangements are compatible with other Company services, facilities, and its engineering and maintenance practices. (T)
- This offering is subject to the availability of the necessary Company personnel and capital resources. (T)
- The Company shall within 30 days of receipt of a service inquiry for a Specialized Arrangement, issue a service inquiry response stating whether the Company offers to provide the requested service and the charge. (T)  
(T)
- If the Company renders its offer for a Specialized Arrangement orally and the Customer does not contemporaneously reject the offer, the Company shall promptly give the Customer written confirmation of the offer. The Customer may accept the Company's offer at any time within ninety (90) days after receipt of the written service inquiry response by issuing an ASR. (T)  
(T)

#### **4. SERVICE DESCRIPTIONS**

##### **4.9 SPECIALIZED ARRANGEMENT (Cont'd)**

###### **B. Early Termination Charges**

(T)

Costs of facilities, including capitalized construction labor incurred to provide a Specialized Arrangement, will be recovered through charges amortized over the term of the service. As an alternative, capital costs may be paid at the installation of service in a lump sum. If service is terminated prior to the contracted term, the unpaid charges become immediately due and payable. For purposes of this provision, if service is terminated due to withdrawal by the Company of the basic service rates pursuant to Section 6 following, as an alternative to immediate payment of unpaid unrecovered costs, the Company will, at the Customer's election, file a specialized arrangement which provides for continuation of the recovery through periodic payments if the Customer elects to continue basic service associated with the specialized arrangements under other tariffs of the Company.

(T)

(T)

(T)

##### **4.10 EXTENDED RECORD KEEPING**

The Company may, at the Customer's option, provide storage of bills and customer service records pertaining to service for a period from the expiration of the statutory record retention requirement and December 11, 2008. Charges for such storage are provided on an individual case basis.

(T)



#### **4. SERVICE DESCRIPTIONS**

##### **4.11 SPECIAL FACILITIES ROUTING OF FGTS SERVICES**

###### **4.11.1 DESCRIPTION OF SPECIAL FACILITIES ROUTING OF FGTS SERVICES**

The services provided under this Tariff are provided over such routes and facilities as the Company may elect. Special Facilities Routing is involved when, in order to comply with requirements specified by the customer, the Company provides FGTS Voice Grade 7 Analog Service, FGTS DS1 Service and FGTS DS3 Service in a manner which includes one or more of the following conditions:

###### **A. Diversity**

Diversity occurs when the service is provisioned over a primary route and a secondary route over separate transmission facilities. A physical separation of at least 25 feet is maintained between the primary and alternate transmission facility routes. Diversity may be used to provide a separate standby circuit which is readily available should service on the primary circuit become interrupted. Diversity for FGTS Voice Grade 7 Analog Service, FGTS DS1 Service and FGTS DS3 Service has a minimum service period of 12 months.

Technical Specifications for Diversity are delineated in U S WEST  
Communications Technical Publication PUB 77344.

(T)  
(T)

#### **4. SERVICE DESCRIPTIONS**

##### **4.11 SPECIAL FACILITIES ROUTING OF FGTS SERVICES**

##### **4.11.1 DESCRIPTION OF SPECIAL FACILITIES ROUTING OF FGTS SERVICES**

###### **A. Diversity (Cont'd)**

###### **1. Local Loop Diversity**

Local Loop Diversity provides an alternately routed local loop between the customer's serving wire center and premises. This loop will be provided over a different cable route than the primary loop. When utilized as a standby circuit, in the event of a facility problem that affects the primary local loop, the circuit may be switched to the alternate local loop by either the Company or the customer.

When specified, this feature provides a separate facility path for the alternately routed local loop between the Serving Wire Center and the Company Point of Termination located in the same building as the customer designated premises, when the customer or building owner provide the structure for diverse entrance facilities into the building. In those instances where the customer or building owner requests Local Loop Diversity 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.

###### **2. Transport Channel Diversity**

Transport Channel Diversity is the provision of an alternate interoffice transmission facility between serving wire centers, between a serving wire center and a Company hub or between two Company hubs. This transport channel will be provided over a separate interoffice transmission facility than the primary service. When utilized as a standby circuit, (in the event of a facility problem that affects the transport channel portion of a service), the service will be switched by the Company to the alternate interoffice transmission facility until the primary service is restored. This feature provides a separate facility path for the protection system between the first utility vault outside both Serving Wire Centers (generally all facilities leaving a Wire Center go to the first utility vault within the same conduit, cable, sheath, etc.).

###### **3. Combinations of Local Loop and Transport Channel Diversity**

Local Loop and Transport Channel Diversity may be combined to provide total facility diversity. When provided as a standby circuit, (in the event of a facility problem that affects either the primary local loop or transport channel or both), service may be switched to the alternate facility by either the Company or the customer.

#### **4. SERVICE DESCRIPTIONS**

##### **4.11 SPECIAL FACILITIES ROUTING OF FGTS SERVICES**

##### **4.11.1 DESCRIPTION OF SPECIAL FACILITIES ROUTING OF FGTS SERVICES (CONT'D)**

###### **B. Avoidance**

Avoidance is the provisioning of an Access Service to avoid a customer's normal serving wire center or a customer-specified serving wire center for Transport Channel mileage or a customer-specified geographical feature (e.g. a specific bridge over a river or highway, a creek or river).

Technical Specifications for Avoidance are delineated in U S WEST Communications Technical Publication PUB 77344. (T)

###### **1. Serving Wire Center Avoidance**

Serving Wire Center Avoidance provides for the provisioning of an Access Service to avoid a customer-specified serving wire center.

When specified to avoid a customer's normal serving wire center, this feature provides a facility path for the service between the customer's designated premises to the customer-specified wire center to be utilized to avoid the customer's normal serving wire center. Mileage will be calculated based on the mileage from the FGTS Voice Grade 7 Analog Service, FGTS DS1 Service or FGTS DS3 Service.

When specified to avoid a customer-specified serving wire center, this feature provides a facility path for the service between wire centers to avoid the customer-specified wire center. Mileage will be calculated based on the mileage from the FGTS Voice Grade 7 Analog Service, FGTS DS1 Service or FGTS DS3 Service.

###### **2. Geographic Avoidance**

Geographic Avoidance is the provisioning of service to avoid a customer-specified geographic feature (e.g., a particular bridge over a highway, a particular creek or river, a particular route that has been involved in previous disasters such as mud slides, floods etc.). Mileage will be calculated based on the mileage from the FGTS Voice Grade 7 Analog Service, FGTS DS1 Service or FGTS DS3 Service.

###### **3. Combinations of Serving Wire Center Avoidance and Geographic Avoidance**

Serving Wire Center Avoidance and Geographic Avoidance may be combined to provide both Serving Wire Center Avoidance and Geographic Avoidance on the same service. Mileage will be calculated based on the mileage from the FGTS Voice Grade 7 Analog Service, FGTS DS1 Service or FGTS DS3 Service.

#### **4. SERVICE DESCRIPTIONS**

##### **4.11 SPECIAL FACILITIES ROUTING OF FGTS SERVICES (Cont'd)**

##### **4.11.2 DESCRIPTION OF SPECIAL FACILITIES ROUTING OF FGTS SERVICES - MISCELLANEOUS ORDERING INFORMATION**

Diversity and Avoidance rates will include Section 6 rates applicable to the primary service route (i.e., Section 6 rates charged for the primary route will also be charged for the diverse route), Section 6 Diversity Maintenance charges and, if applicable, Tariff F.C.C. No. 2, Special Construction charges.

(C)

In order to avoid the compromise of special routing information, the Company will provide the required routing information for each specially routed service to only the ordering customer. If requested by the customer, this information will be provided when service is installed and prior to any subsequent changes in routing.

The offering of Special Facilities Routing of FGTS Services contemplates the use of existing facilities. Should facilities not be available, it may be necessary to construct such facilities, either as (1) normal or (2) special construction. If special construction is involved, the regulations, as set forth in Tariff F.C.C. No. 2, apply.

The applicable rates and charges for the Special Construction portion shall be filed in the Special Construction tariff. In the case of (2), preceding, the rates and charges for administration and any other specific items of cost directly attributable to the Special Construction shall be filed in Tariff F.C.C. No. 2 also.

The rates and charges for Special Facilities Routing of FGTS Services as set forth in 6.13.A., and B., following, are in addition to all other rates and charges that may be applicable for services provided under other sections of this Tariff.

(C)

## **5. RATE REGULATIONS**

### **5.1 GENERAL**

- A. The prices in Section 6 for a basic grade of service (as defined in Section 4) reflect fixed percentages for each contract term, of the base rates in Section 6. The base rates in Section 6 shall apply until such time as the Company has in effect a unitary rate structure for all 14 states under Tariff F.C.C. No. 5. Once the unitary rate structure is effective, the then current Tariff F.C.C. No. 5 rates become the base rate and these rates will be added to this Tariff. After the unitary rate structure is effective, circuits installed prior to the effective date of subsequent rate changes in the Tariff F.C.C. No. 5, the base rate will be the lesser of the prior base rate (Section 6) or the new base rate. After the unitary rate structure is effective, for circuits installed after the effective date of any change in the Tariff F.C.C. No. 5, the base rate in this Tariff will be the Tariff F.C.C. No. 5 rate in effect at the time the circuit is installed, until any future reduction in the base rate. When the Density Pricing Zone Pricing Plan rate structure is effective for DS1 and DS3 Services in Tariff F.C.C. No. 5, the then current Tariff F.C.C. No. 5 Non-Plan rates become the base rate and these rates will be added to this Tariff. After the Density Pricing Zone Plan rate structure is effective, FGTS DS1 and DS3 circuits installed prior to the effective date of subsequent Non-Plan rate changes in the Tariff F.C.C. No. 5, the base rate will be the lesser of the prior base rate (Section 6) or the new base rate. After the Density Pricing Zone Plan rate structure is effective, for FGTS DS1 and DS3 circuits installed after the effective date of any change in the Tariff F.C.C. No. 5, the base rate in this Tariff will be the Tariff F.C.C. No. 5 Non-Plan rate in effect at the time the circuit is installed, until any future reduction in the base rate.

The Company's ability to provide service at these prices is subject to regulatory and legal constraints. Prices in Section 6 for a basic grade of service which are for terms of three years or longer are for providers of services to the federal government or the Federal Government; should these prices be made available to other than authorized Customers of service, by regulatory or judicial action, the Company shall be free, notwithstanding any other provision preceding or the existence of specific term contracts for service under this Tariff, to withdraw the prices and all such contracts are specifically acknowledged to be subject to this right. Should the Customer elect to continue any then existing service after such prices have been withdrawn under this paragraph, the price change will occur without any of the minimum termination liabilities or Early Termination Charges set forth in the Company's Tariff F.C.C. No. 2 or Specialized Arrangements in 4.9.B., respectively. Should the Customer elect not to continue the service at the generally tariffed prices in the Company's Tariff F.C.C. No. 5, minimum termination liabilities or Early Termination Charges under the Company's Tariff F.C.C. No. 2 or Specialized Arrangements in 4.9.B., respectively, will apply.

**5. RATE REGULATIONS**

**5.1 GENERAL**

**A. (Cont'd)**

If the F.C.C. permits the Company to continue Service only to Customers for an interim period under this Tariff, including its restrictions, after a regulatory or judicial determination that the rates should be made generally available and after the Company has notified the Customer that it will exercise its right to withdraw the rates for a basic grade of service, the Customer shall have the right to continue Service at the service rates during such allowed interim period.

The Company agrees to request from the F.C.C. or judicial body, as applicable, an interim period of at least 120 days, if a determination is made by the Company to withdraw the Tariff under this paragraph. For purposes of this paragraph, the interim period is to permit the Customer to issue orders to change services from this Service to other arrangements.

- B. In the event the Company is specifically ordered by a regulatory commission or judicial body with jurisdiction to institute an increase in any of the recurring rates set forth in Section 6, the Customer shall be entitled to: 1) terminate any or all services affected by the rate increases without any cancellation or early termination charges, but any such termination will be subject to minimum termination liability for any specially constructed facilities under Tariff F.C.C. No. 2, and any maximum termination liability for discontinued special services not available from the generally applicable tariffs and provided on an Individual Case Basis, or 2) continue the then existing service at rates in Tariff F.C.C. No. 5 without any termination or minimum services charges or minimum or maximum termination liability changes.

## 5. RATE REGULATIONS

### 5.1 GENERAL (Cont'd)

- C. If any change in the Company's serving arrangements to a Customer hereunder is required by a regulatory commission or a judicial body having jurisdiction over the Company, which change will materially adversely affect the Company's ability to meet its obligations to a Customer under this Tariff, a Customer shall have the right to terminate this agreement or any or all Services provided hereunder on 30 days' notice without cancellation or early termination charges. Notwithstanding other provisions of this paragraph, a Customer will be subject to any minimum termination liability for specially constructed facilities under Tariff F.C.C. No. 2 or this Tariff and any Early Termination Charges for Specialized Arrangements provided on an individual case basis, associated with and terminated with the terminated services in accordance with Section 6. (N) (T) (T) (T)
- D. The Customer agrees not to assert, in any regulatory or judicial proceedings, that the prices for a basic grade of service for terms of three years or longer in Section 6 should be made available to other than Customers for this service. The Customer agrees not to mingle this service to the end user with services to other users, including the Customer, on facilities of the Company designated for this service; provided, that aggregation of this service traffic at a hub and multiplexer from dedicated service facilities to shared facilities which provide higher unit transport capacity will not be deemed a breach of this condition, as long as the facilities which carry both FGTS and non-FGTS are not provided or priced under this Tariff. An intentional breach of this condition will disqualify the breaching Customer from continuing to obtain FGTS, including then-existing service under the FGTS Tariff. If the breach of this condition by the Customer does not result in a regulatory or judicial determination that the FGTS rates should be made generally available, the Customer shall have 120 days from the date of notification by the Company that it is ineligible to continue to receive service under this service Tariff, to choose the tariffed service pursuant to the Company's Tariff F.C.C. No. 5, or to make other arrangements. Should the Customer elect to continue the then-existing service at the rates in the Company's Tariff F.C.C. No. 5, no termination or minimum service charges or minimum termination liability or Early Termination Charges pursuant to Tariff F.C.C. No. 2 or 4.9.B., respectively, will apply. Should the Customer elect to terminate service, all applicable charges described in 5.2.1.C., following, shall be billed on or after the disconnected dates. (T) (T) (T) (T) (T) (T) (M) (T)

Certain material on this page formerly appeared on Page 5-4.

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**5. RATE REGULATIONS**

**5.1 GENERAL (Cont'd)**

D. (Cont'd)

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The Customer will provide, subject to any restrictions on the Customer to provide proprietary customer information, on reasonable notice, documentary evidence consisting of wiring records for facilities beyond the network interface at the Government designated premises, to establish that the required separation of FGTS from other service on facilities subject to this paragraph has been maintained.

Certain material previously found on this page can now be found on Page 5-3.

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## **5. RATE REGULATIONS**

### **5.2 TYPES OF RATES AND CHARGES**

#### **5.2.1 PRICING PLANS**

##### **A. Fixed Percents Applicable to Monthly Rates**

The FGTS Voice Grade 7 Analog Service, FGTS DS1 Service and FGTS DS3 Service will be provided at the below fixed percent of Section 6 recurring rates applicable to FGTS Voice Grade 7 Analog, FGTS DS1 or FGTS DS3 Services for the Contracted term. At the time of submitting an Access Service Request or Order for service, the Customer will be required to state the term of the service. Additional optional features and functions installed subsequently (e.g., Central Office Analog to Digital Conversion), will be subject to the contracted term of the circuit, including the applicable fixed percent, with which it is associated.

<b>TERM CONTRACTED MONTH</b>	<b>INSTALL DATE PRIOR TO:</b>	<b>VG7 &amp; DS1 SERVICE FIXED PERCENT</b>	<b>DS3 SERVICE FIXED PERCENT</b>
0 - 11	Aug. 31, 2000	100%	100%
12 - 23	Aug. 31, 1999	100%	97%
24 - 35	Aug. 31, 1998	100%	94%
36 - 47	Aug. 31, 1997	90%	90%
48 - 59	Aug. 31, 1996	88%	88%
60 - 71	Aug. 31, 1995	80% [1]	80%
72 - 83	Aug. 31, 1994	78% [1]	80%
84 - 95	Aug. 31, 1993	76%	NA
96 - 107	Aug. 31, 1992	74%	NA
108 - 119	Aug. 31, 1991	72%	NA
120 +	Aug. 31, 1990	70%	NA

[1] FGTS DS1 Service SHARP and SHARP Plus fixed percent for 60-71 and 72-83 months is 85%.

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(x) Issued under the authority of Special Permission No. 95-187.

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

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**5.2.1 PRICING PLANS (Cont'd)**

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

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**5.2.1 PRICING PLANS (Cont'd)**

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

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**5.2.1 PRICING PLANS (Cont'd)**

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.1 PRICING PLANS (Cont'd)**

**B. FGTS DS3 Service Pricing Plan**

FGTS DS3 Service may be ordered at the customer's option on a month-to-month basis or for fixed periods of 12-23, 24-35, 36-47, 48-59, 60-71, or 72-83 months. The optional rate plans allow the Customer to integrate FGTS DS3 Service into their networks with the assurance of no Company-initiated increases in rates during the fixed period.

For Electrical Interface 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 can not be disconnected until all of the Per DS3 Channel Terminations are disconnected.

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## **5. RATE REGULATIONS**

### **5.2 TYPES OF RATES AND CHARGES**

#### **5.2.1 PRICING PLANS**

##### **B. FGTS DS3 Service Pricing Plan (Cont'd)**

###### **1. Fixed Period Service Rate Plans**

FGTS DS3 Service Capacity Channel Terminations must be initially ordered under a 12-23, 24-35, 36-47, 48-59, 60-71, or 72-83 month fixed period service rate plan. The customer must specify the length of the fixed period service at the time the service is ordered. The minimum service period for fixed period service is twelve months. A month-to-month option is available for FGTS DS3 Service Capacity Channel Terminations only after the customer completes the initial Fixed Period Service Rate Plan.

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The twelve month minimum will only apply for the Capacity Channel Termination. Optional features and functions may be added to the Capacity Channel Termination under a month-to-month plan with only a one month minimum period. For example, the customer may order the Capacity Channel Termination under the 72-83 month fixed period service plan, the Per DS3 Channel Termination and Transport Channel under the 60-71 month fixed period service plan and the multiplexing on a month-to-month basis.

For customers that subscribe to fixed period service of 12-23, 24-35, 36-47, 48-59, 60-71, or 72-83 months, the monthly rates for the entire fixed period will be frozen from Company-initiated increases, at the rates in effect for the fixed period on the service date. At the end of the fixed period, the customer may convert to month-to-month or subscribe to a new fixed period service. The monthly rates will be adjusted to those in effect for the new fixed period service. Should the customer not make a choice by the end of the fixed period, the rates will automatically revert to the month-to-month option.

If a rate decrease occurs during the term of an existing fixed period service rate plan, the reduced rates will automatically be applied to the time remaining in the service period.

## **5. RATE REGULATIONS**

### **5.2 TYPES OF RATES AND CHARGES**

#### **5.2.1 PRICING PLANS**

##### **B. FGTS DS3 Service Pricing Plan (Cont'd)**

##### **2. Upgrades in Rate Plans**

Services rated under the month-to-month plan or an existing fixed period service rate plan may be upgraded to a new fixed period service rate plan at any time the customer chooses without incurring nonrecurring or discontinuance charges.

Customers served under a fixed period service rate plan may upgrade one or all of the DS3 rate elements to a new fixed period service rate plan without incurring nonrecurring or discontinuance charges. This upgrade will be allowed provided the channel interface and the customer designated premises remain the same. Additionally, the new fixed period service rate plan must meet or exceed the fixed period service rate plan being upgraded. For example, a rate element with a 36-47 month fixed period service may be upgraded to a new 36-47 month, or longer, fixed period service. The monthly rates will be those that are in effect at the time the service is upgraded.

New minimum service period applies to all DS3 rate elements that are upgraded in the following manner:

- if the service being upgraded has been in place for more than 12 months, minimum period provisions will not apply, or
- if the service being upgraded has been in place for less than 12 months, the time in service will be applied against the minimum period term.

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.1 PRICING PLANS**

**B. FGTS DS3 Service Pricing Plan (Cont'd)**

**3. Upgrades in Capacity - Same customer locations**

Customers that subscribe to fixed period service or services may upgrade one entire or entire multiple services to a larger Capacity Channel Termination. Discontinuance charges will not apply, provided all the following conditions are met:

- the larger capacity FGTS DS3 Service is provided by the Company,
- the order for the disconnect of the current DS3 Capacity Channel Termination or DS3 Capacity Channel Terminations and order for the new connect of the upgraded DS3 Capacity Channel Termination are received by the Company at the same time,

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.1 PRICING PLANS**

**B.3. (Cont'd)**

- the new service is provided between the same Customer locations as the discontinued service or services,
- the new service has the same channel interface code as the service or services being discontinued (i.e., all services being upgraded must have the same channel interface code),
- the new service has a DS3 Capacity Channel Termination larger than the Capacity Channel Termination of the service or services being discontinued and
- the FGTS DS3 Service must be upgraded in rate plan at the same time, as described in 2., preceding.

For Electrical Interface upgrades, the nonrecurring charge set forth in 6.2.2, following, will apply to each Per DS3 Channel Termination being upgraded.

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.1 PRICING PLANS**

**B. FGTS DS3 Service Pricing Plan (Cont'd)**

4. Upgrades for Self-Healing Alternate Route Protection (SHARP) from Per DS3 to System Level protection

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Customers who subscribe to fixed period service may upgrade to System Level Protection. Discontinuance charges will not apply, provided all the following conditions are met:

- the FGTS DS3 Service and Per DS3 SHARP are provided by the Company, and
- the order for the disconnect of the current Per DS3 SHARP and order for the new connect of the upgraded DS3 System Level SHARP are received by the Company at the same time.

The nonrecurring charges as set forth in 6.2.2.D.2. will apply for the System Level protection optional feature.

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## 5. RATE REGULATIONS

### 5.2 TYPES OF RATES AND CHARGES

#### 5.2.1 PRICING PLANS (Cont'd)

##### C. Early Termination Charges

###### 1. FGTS VG7 and DS1 Service

- a. For FGTS VG7 and DS1 Service provided hereunder, excluding month-to-month Service, Early Termination Charges will apply if a Service is terminated in whole or in part by the Customer on or after the date of installation (except as specified in 3., following) or is terminated by the Company for cause due to the Customer's default prior to the expiration of the contracted term for a Service.
- b. For purposes of this section, FGTS VG7 and DS1 Service is terminated prior to the expiration of the term if the Service is disconnected due to moves or changes (including migration between Customers, except as specified in 3., following) between FGTS VG7 and DS1 Service pursuant to F., following, or disconnected for other reasons not due to the default of the Company. Default is defined in 2.1.4, 2.1.6, 2.1.8.B., 2.2.1, 2.2.2, 2.3.1, 2.3.3, 2.3.4, and 3.3.7, preceding.
- c. Early Termination Charges will not apply if the Service is terminated by the Company for any other reason.
- d. The Early Termination Charges will be calculated as follows:

The dollar difference between the rate applicable, according to the table in 5.2.1, for the term completed for each month and the billed rate for each month the Service is provided.

## **5. RATE REGULATIONS**

### **5.2 TYPES OF RATES AND CHARGES**

#### **5.2.1 PRICING PLANS**

##### **C. Early Termination Charges (Cont'd)**

##### **2. FGTS DS3 Service Discontinuance Charges**

- a. If the customer chooses to discontinue all or a portion of the service before the expiration of the fixed period service, discontinuance charges will apply.

Should the customer choose to discontinue fixed period service prior to completion of the minimum service period, discontinuance charges will apply. Discontinuance charges equal to one-hundred percent of the total monthly charges for the remaining months of the minimum service period, plus fifty percent of the total monthly charges for the remaining portion of the fixed period service will apply.

Should the customer choose to discontinue fixed period service after the minimum service period but before the completion of the fixed period service, discontinuance charges will apply. Discontinuance charges equal to fifty percent of the total monthly charges for the remaining portion of the fixed period service will apply.

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## **5. RATE REGULATIONS**

### **5.2 TYPES OF RATES AND CHARGES**

#### **5.2.1 PRICING PLANS**

##### **C.2. (Cont'd)**

#### **b. Transition Policy for Existing DS3 Service Customers**

Existing DS3 Service Customers will have 180 days from the effective date of this Tariff filing to transition DS3 Service to FGTS DS3 Service. All requests must be submitted prior to the expiration date of 180 days to be effective within the same 180 days. Discontinuance charges will not apply for Customers who transition existing DS3 Service to FGTS DS3 Service provided the following conditions are met:

- the existing DS3 Service must be in service prior to the effective date of this Tariff filing,
- the entire existing DS3 Service (without a change in service) must be transitioned to FGTS DS3 Service, and
- the fixed term for FGTS DS3 Service must be equal to or greater than the existing DS3 Service fixed period service rate plan.

The original service established date for existing DS3 Service Customers will apply towards the minimum period requirement for the new FGTS DS3 Service. In addition, the Customer will be given credit for time in service under the DS3 Service fixed period service rate plan. Nonrecurring charges for the new FGTS DS3 Service will not apply.

#### **c. Transition Policy for Existing month-to-month FGTS DS3 Service Customers**

Existing FGTS DS3 Service Capacity Channel Terminations currently under month-to-month and in service prior to July 26, 1996 will retain the one month minimum period. All new FGTS DS3 Service Capacity Channel Terminations installed after July 26, 1996 must be ordered under a fixed period service rate plan.

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.1 PRICING PLANS**

**C. Early Termination Charges (Cont'd)**

**3. Rebid Provision (applies to FGTS VG7, DS1 and DS3 Services)**

As a result of a Federal Government contract rebid, Early Termination Charges or Discontinuance Charges do not apply when Services are disconnected and reconnected at a new Customer location (only one end of the circuit can move to a new location), provided the following conditions are met:

- the Service is provided by the Company,
- the minimum period has been satisfied,
- the request for the disconnect order for the existing Service must specifically reference rebid provision,
- the request for the new connect order for the new Service must specifically reference rebid provision,
- the FGTS circuit(s) being disconnected must be reconnected, on a circuit-by-circuit basis or an equivalent circuit capacity (e.g., 24 FGTS VG7 circuits converted to 1 FGTS DS1), at a new Customer location (only one end of the circuit can move to a new Customer location), and
- the new contracted term period must equal or exceed either the remaining number of months in the existing contracted term or must equal the remaining number of months of the Tariff.

New minimum period applies to the new FGTS. The monthly rates for the new Service will be those in effect at the time the Service is reconnected. Nonrecurring charges for the new Service will apply.

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.1 PRICING PLANS**

**C. Early Termination Charges (Cont'd)**

**4. Nonappropriations Provision**

a. Discontinuance charges do not apply to FGTS DS1 and DS3 Services purchased by Federal government entities (or to customers who have purchased Services solely for resale to Federal government entities) when they are discontinued prior to the completion of the pricing plans only when all of the following conditions are met:

- the service(s) purchased by the Federal government entity or by Customers who have purchased Services for resale to Federal government entities are utilized solely for provision of Services for that Federal government entity,
- funding for the pricing plan ordered by the authorized Federal government entity is included in the budget request for each fiscal period appropriation sufficient to cover the authorized Federal government entity's obligations under the pricing plan for that fiscal period,
- nonappropriation may not be used as a means of terminating the Service to acquire a functionally similar product or Service,
- the Federal government entity ordered the 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

## **5. RATE REGULATIONS**

### **5.2 TYPES OF RATES AND CHARGES**

#### **5.2.1 PRICING PLANS**

C.4.a. (Cont'd)

- the 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 the then current fiscal period (or for a succeeding fiscal period) by appropriation, appropriation limitation or grant to continue payments under the pricing 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 (30) 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 per Section 3.) Upon termination, the Federal government entity or the Customer who ordered the service on their behalf, shall pay all applicable rates and nonrecurring charges of the Service 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. RATE REGULATIONS**

### **5.2 TYPES OF RATES AND CHARGES (Cont'd)**

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#### **5.2.2 RATE CATEGORIES**

##### **A. Monthly Rates (Recurring Rates)**

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

##### **B. Nonrecurring Charges**

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Nonrecurring charges are one-time charges that apply for a specific work activity. The types of nonrecurring charges that apply for this Service are: Installation of Service, Installation of Optional Features and Functions, and Service Rearrangements.

##### **1. Installation of Service**

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Nonrecurring charges apply to each service installed.

##### **2. Installation of Optional Features and Functions**

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Nonrecurring charges apply for the installation of some of the optional features and functions available with FGTS. 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.

See Section 6 for the optional features or functions for which nonrecurring charges apply.

##### **3. Service Rearrangements**

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Nonrecurring charges for Service Rearrangements are described in F., following.

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.2 RATE CATEGORIES**

**B. Nonrecurring Charges (Cont'd)**

**4. Network Project Plan (NPP)**

Network Project Plan (NPP) offers, at the customer's request, a waiver of 50% of all nonrecurring charges associated with the installation, move (as defined in I., following), rollover (as defined in K., following) or service rearrangement (as defined in F., following) of at least 50 new or existing channel terminations. NPP is offered on a limited, one-time basis. FGTS customers may be eligible for NPP, provided the following conditions are met:

- the request must involve 50 or more channel terminations, any combination (new and/or existing);
- all orders must be placed by December 31, 1994 and completed by June 30, 1995;
- service must originate and terminate in Company territory; and
- changes and/or additions to the order, as well as expedites and/or cancellations, are allowed, however, 3.2, Service Order Modification charges are not subject to this offer.

**5. Central Office Connecting Channels**

The Central Office Connecting Channel rate category provides for connections within the same Hub wire center between other Services provided by the Company (e.g., two like Services installed as two separate Services). One Central Office Connecting Channel charge applies per connection made.

## 5. RATE REGULATIONS

### 5.2 TYPES OF RATES AND CHARGES

#### 5.2.2 RATE CATEGORIES (Cont'd)

##### C. 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 Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in B.2., preceding. 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.

##### D. Transport Channel

The Transport Channel rate category provides for the transmission facilities between the serving wire centers associated with two Customer designated premises or between a serving wire center associated with a Customer designated premises and a Company Hub. The Transport Channel is portrayed in mileage bands. A flat rate per band and a rate per mile apply for each band.

## 5. RATE REGULATIONS

### 5.2 TYPES OF RATES AND CHARGES

#### 5.2.2 RATE CATEGORIES (Cont'd)

##### E. Service Configurations

There are two types of service configurations over which Service is provided: two point FGTS and Central Office Analog to Digital Conversion Service.

##### 1. Two-Point Service

A two-point FGTS connects two Customer designated premises on a directly connected basis.

Applicable rate elements are:

- Channel Terminations
- Transport Channels (as applicable)

##### 2. Central Office Analog to Digital Conversion Service

Central Office Analog to Digital Conversion occurs at a Hub which is a Company designated wire center at which multiplexing is performed. The multiplexing function is to channelize analog facilities.

Applicable rate element is:

- Optional Features and Functions

Certain material on this page formerly appeared on Page 5-9.

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1801 California Street, Denver, Colorado 80202

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

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**5.2.2 RATE CATEGORIES (Cont'd)**

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.2 RATE CATEGORIES (Cont'd)**

**F. Service Rearrangements**

Service Rearrangements are changes to existing (installed) services, initiated by the Customer, which do not result in either a change in the minimum period requirements or a change in the physical location of the point of termination at a Customer designated premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and new connects. Changes in the physical location of the point of termination are treated as moves.

The charge to the Customer for the service rearrangements is dependent on whether the change is only administrative in nature or whether it involves actual physical change to the Service.

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

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Certain material on this page formerly appeared on Page 5-10.

Certain material previously found on this page can now be found on Page 5-8.

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.2 RATE CATEGORIES**

**F. Service Rearrangements (Cont'd)**

- 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 equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of Customer circuit identification,
- Change of billing account number,
- Change of Customer test line number,
- Change of Customer or Customer's end user contact name or telephone number, and
- Change of jurisdiction.
- Change from one unexpired contracted term to a longer contracted term.
- Change from DS3 Service to FGTS DS3 Service within 180 days of the effective date of this Tariff filing (see 5.2.1.C.2.b.).

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Certain material previously found on this page can now be found on Page 5-9.

(Filed under Transmittal No. 546.)

Issued: September 30, 1994

Effective: November 14, 1994

1801 California Street, Denver, Colorado 80202

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

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**5.2.2 RATE CATEGORIES**

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**F. Service Rearrangements (Cont'd)**

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All other service rearrangements will be charged for as follows:

- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply. (T)
- If the change involves changing the type of signaling on a Voice Grade 7 Service, a charge equal to the Voice Grade 7 channel termination rate element nonrecurring charge will apply. The charge will apply per service termination affected. (T)
- For all other changes, including the addition of optional features without separate nonrecurring charges, a charge equal to a channel termination rate element nonrecurring charge will apply. Only one such charge will apply per service, per change. (T)
- Service rearrangements initiated solely by the Company shall not be charged to the Customer. (T)



**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.2 RATE CATEGORIES (Cont'd)**

**G. Minimum Period**

1. The minimum period for which Service is provided and for which rates and charges are applicable is one month for FGTS Voice Grade 7 Analog Service and FGTS DS1 Service. The minimum period for FGTS DS3 Services purchased under an FGTS DS3 Service Pricing Plan, other than month-to-month is twelve months. A month-to-month option is available for FGTS DS3 Service Capacity Channel Terminations only after the customer completes the initial Fixed Period Rate Plan. (T)
2. Service Rearrangements as set forth in F., preceding, and Rollover as set forth in K., following, may be made without a change in Minimum Period requirements.
3. Changes other than those identified in F., preceding, and K., following, will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service. A new Minimum Period will be established for the new service. The customer will also remain responsible for all outstanding Minimum Period obligations, and any applicable Early Termination Charges, associated with the disconnected service. (T)
4. The changes listed below are those which will be treated as a discontinuance and installation of service and for which a new Minimum Period will be established.
  - a. A change of customer of record (i.e., Service is provided to and billed to a different entity), except as provided for in F., preceding.
  - b. A move to a different building as set forth in I., following.
  - c. A change in type of Service, (e.g., FGTS Voice Grade 7 to FGTS DS1 Service).
  - d. A change involving the installation of new service to change an existing service to a different serving wire center.

## **5. RATE REGULATIONS**

### **5.2 TYPES OF RATES AND CHARGES**

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

##### **H. Minimum Period Charges**

When Service is discontinued prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period.

The minimum period charge for monthly billed services will be determined as follows:

1. When an FGTS VG7 Service 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 an FGTS DS1 or FGTS DS3 Service purchased under any Fixed Period Rate Plan and the service is discontinued prior to the expiration of the minimum period, the applicable charge will be the total monthly charges, at the month-to-month rate in effect at the time service is discontinued, for the remainder of the twelve month minimum period. Early Termination Charges as specified in 5.2.1.C. will also apply. When an FGTS DS3 Service purchased under the month-to-month option and installed prior to the effective date of this tariff, is discontinued prior to the expiration of the minimum period, the applicable charge will be the total monthly charges, at the month-to-month rate in effect at the time service is discontinued, for the remainder of the minimum period.

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##### **I. Moves**

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

- The Point of Termination at the Customer's 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.

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.2 RATE CATEGORIES**

**I. Moves (Cont'd)**

**1. Moves Within the Same Building**

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half of the nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements.

**2. Moves to a Different Building**

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

- 3. The Customer may change the location of the Equipment Space or Cable Route in any Designated Customer Central Office upon thirty (30) days' prior written notice to the Company. In that event, the Company will cooperate with the Customer to minimize any disruption of service in connection with such relocation. The Company shall relocate the Terminating Facilities to the new Equipment Space and Cable Route except to the extent that the Customer, at its option, requires that the Company's Cabling be relocated by the Customer to the new Cable Route. The Company shall be entitled to recover its actual out-of-pocket costs resulting from damages to the Company cabling resulting from such a move by the Customer.**

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## 5. RATE REGULATIONS

### 5.2 TYPES OF RATES AND CHARGES

#### 5.2.2 RATE CATEGORIES (Cont'd)

##### J. Mileage Measurement

##### 1. Transport Channel

The mileage to be used to determine the monthly rate for the Transport Channel is calculated on the airline distance between the locations involved, i.e., the serving wire center associated with two Customer designated premises or a serving wire center associated with a Customer designated premises and a Company Hub. 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.

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, Inc. 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 Hubs are involved, mileage is computed and rates applied separately for each section of the Transport Channel, i.e., Customer designated premises serving wire center to Hub. However, when any service is routed through a Hub for purposes other than Customer specified multiplexing (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.

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.2 RATE CATEGORIES (Cont'd)**

**K. Rollover**

A rollover allows for a lower speed service (i.e., FGTS Voice Grade 7 (VG7) or FGTS DS1 Service) to be either placed onto a higher speed Service (i.e., FGTS DS1 or DS3 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.

In addition, the following conditions must be met:

- the services are provided between the same customer locations as the original service(s) and
- all rollovers are performed at the same Company serving wire center location and
- all services involved in the rollover are provided by the Company.

Rollover charges are specified in 6.1 and 6.2.1, following.

Early Termination regulations as set forth in 5.2.1.C., preceding, apply and Early Termination Charges will be assessed, if applicable, in addition to the rollover charge.

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES (Cont'd)**

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**5.2.3 SURCHARGE**

**A. General**

In addition to the other rates and charges described in Section 6, following, there is a monthly Surcharge that may apply to the Service. The Surcharge compensates the Company for use of the local exchange network when Service is connected to a PBX or equivalent device which is capable of interconnecting the Service with local exchange service.

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The Company will automatically bill the surcharge on each Service circuit installed irrespective of whether the interconnection capability exists in the Customer's premises equipment or in a Centrex-CO type switch unless written certification is received from the Customer certifying exemption status as set forth in B., following.

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**B. Surcharge Exemptions**

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The Service will be exempted from the surcharge if the Customer provides the Company written certification that the Service termination is one of the following:

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.3 SURCHARGE**

**B. Surcharge Exemptions (Cont'd)**

- a termination that by the nature of its operating characteristics could not make use of Company common lines; or
- termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charge such as, where the Service accesses only Feature Group A and no local exchange lines, or Service between Customer points of termination or Service connecting CCSA or CCSA-type equipment (inter-machine trunks); or
- a termination that the Customer certifies to the Company is not connected to a PBX or other device capable of interconnecting the Service facility to a local exchange subscriber line; or
- an analog channel termination that is used for radio or television program transmission; or
- a termination used for Telex service.

**C. Exemption Certification**

1. A Service circuit which is terminated as set forth in B. preceding will be exempted from the Surcharge if the Customer provides the Company with a written notification certifying exemption. Such notification shall be provided by the Customer (1) at the time the Service is ordered or installed; (2) at such time as the Service is connected to a device not capable of interconnecting to the local exchange network. (3) at such time as the Service becomes associated with a Switched Access Service that is subject to Common Carrier Line Charges.

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.3 SURCHARGE**

**C. Exemption Certification (Cont'd)**

2. If written certification is not received at the time the Service is obtained, the surcharge will be applied. Exempt status will become effective on the certification date indicated by the Customer, subject to the regulations in D., following. (T)
3. The exemption certification is to be provided by the Customer ordering the service. The certification must be signed by the Customer or authorized representative and include the category of exemption, as set forth in B., preceding, for each termination, and the date which the exemption is effective. (T)
4. The Customer shall also notify the Company when an exempted Service is connected such that the exemption is no longer applicable. (T)

**D. Crediting the Surcharge**

The Company will cease billing the Surcharge when certification that the Service has become exempt from the surcharge, as set forth in B., preceding, is received. If the status of the Service was changed prior to receipt of the exemption certification, the Company will credit the Customer's account, not to exceed ninety (90) days, based on the effective date of the change specified by the Customer in the letter of certification. (T)



## 5. RATE REGULATIONS

### 5.2 TYPES OF RATES AND CHARGES

#### 5.2.3 SURCHARGE (Cont'd)

##### E. Application of Rates

1. The monthly Surcharge applies to Service arranged, as set forth in A., preceding, on a per voice equivalent basis as shown in the following example:

SERVICE	VOICE GRADE EQUIVALENT		SURCHARGE	MONTHLY RATE
Voice Grade 7	1	X	\$25.00	\$ 25.00
DS1	24	X	25.00	600.00
DS3	672	X	25.00	16,800.00

2. The Company will bill the surcharge to the Customer who orders the Service unless the service is exempt as set forth in B., preceding.

#### 5.2.4 MESSAGE STATION EQUIPMENT RECOVERY CHARGE

The Message Station Equipment Recovery Charge, as set forth in 6.4, following, is a charge to recover that portion of message station equipment that is assigned to Special Access Service.

Pursuant to CC Docket 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on November 8, 1984 and released on November 9, 1984, this charge is assessed only to those Customers to which the Surcharge applies.

## 5. RATE REGULATIONS

### 5.2 TYPES OF RATES AND CHARGES (Cont'd) (T)

#### 5.2.5 OTHER CHARGES (E.G., LABOR, ENGINEERING, ETC.) (T)

In this section, normal business hours are from Monday through Friday, 8:00 a.m. to 5:00 p.m. Hours before 8:00 a.m. and after 5:00 p.m., Monday through Friday, and all day Saturday, are considered overtime. Sundays and Holidays are premium time.

##### A. Additional Engineering (T)

Additional Engineering will be provided by the Company at the request of the Customer only when: (T)

A Customer requests additional technical information after the Company has already provided the technical information normally included on the Design Layout Report (DLR) as set forth in 3.5, preceding. (T)

The Company will notify the Customer that additional engineering charges, as set forth in 6.9, following, will apply before any additional engineering is undertaken. (T)

##### B. Additional Labor (T)

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 6.10, 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. (T)

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.5 OTHER CHARGES (E.G., LABOR, ENGINEERING, ETC.)**

**B. Additional Labor (Cont'd)**

**1. Overtime Installation**

Overtime installation is that Company installation effort outside of normally scheduled working hours.

**2. Other Labor**

Other labor is that additional labor not included in 1., preceding, and labor incurred to accommodate a specific Customer's request that involves only labor which is not covered by any other section of this Tariff.

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## **5. RATE REGULATIONS**

### **5.2 TYPES OF RATES AND CHARGES (Cont'd)**

#### **5.2.6 MISCELLANEOUS CHARGES**

##### **A. Maintenance of Service**

When a customer reports a 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. In addition, when a customer reports trouble within a quantity of services and circuits, but fails to identify the specific service or circuit which is experiencing trouble, a Maintenance of Service charge applies for the time spent by Company personnel to isolate the trouble. Maintenance of Service charges may apply for trouble isolation without a premises visit and/or trouble isolation with a premises visit. 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 13.4.3, following. 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. No credit allowance will be applicable for the interruptions involved if the Maintenance of Service charge applies. In addition, the conditions as set forth in 1. through 4., following, may apply.

##### **1. Trouble Isolation Without Premises Visit**

Maintenance of Service charges apply, per technician, for the period of time from when the customer reports the service(s) for trouble isolation, to when Company personnel have determined that no trouble has been found in Company facilities. This includes the time spent testing operational service(s) in order to isolate those that are out of service or experiencing trouble. No charge applies for the affected services, when the trouble is found in the Company's facilities or equipment.

##### **2. Trouble Isolation With Premises Visit**

Maintenance of Service charges apply, per technician, for the period of time from when Company personnel are dispatched to an unmanned Company building or to the customer's premises, to when the work is completed. 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.

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.6 MISCELLANEOUS CHARGES**

**A. Maintenance of Service (Cont'd)**

**3. Trouble Isolation With and Without Premises Visit**

Maintenance of Service Charges apply, for the time spent performing both Trouble Isolation With and Without a Premises Visit, if both are performed, when no trouble is found in Company facilities or equipment.

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4. The Company shall, on request by the Customer, adjust specific Voice Grade 7 circuits to meet the performance limits designated as "acceptance" in 4.1.B. In the event such request is made and the Company finds the circuit meets the limits designated as "maintenance," as defined in Technical Reference TR-NWT-000335, a Maintenance of Service Charge, as set forth in 6.11.A., will apply for the dispatch of repair personnel and for the adjustment to "acceptance" limits, as defined in Technical Reference TR-NWT-000335. In the event the Company finds that the circuit fails to meet limits designated as "maintenance," no charge will apply.

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.6 MISCELLANEOUS CHARGES (Cont'd)**

**B. Provision of Billing Information**

**1. Primary Service Billing Copy**

- a. The Customer will receive its primary Service monthly bills and Customer Service Records (CSRs) in a standard paper format at no charge.
- b. At the option of the Customer, primary Service monthly bills and CSRs may be requested on magnetic tape reel, floppy diskette or transmitted by electronic data transmission to the customer's premises, in lieu of the standard paper format at no charge. When a customer selects a primary billing copy in lieu of the standard paper format, the Customer will receive an abbreviated bill in paper format for remittance purposes at no charge. The abbreviated bill will conform with industry standard billing data output.

Upon Company acceptance of an order for electronic data transmission, the Company will determine the period of time to implement the transmission of such material on an individual order basis.

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.6 MISCELLANEOUS CHARGES**

**B. Provision of Billing Information (Cont'd)**

**2. Additional Service Billing Options**

**a. Nonchargeable Additional Options**

**• On-line Billing Service**

On-line Billing Service (OBS) provides a Customer on-line access to view its designated Billing Account Number (BAN) media (i.e., monthly bills and/or CSRs) in the Company OBS data base via a Customer-provided personal computer or terminal utilizing Customer-provided communications software package capable of VT100 emulation.

Individual User identification Number(s) and Personal Identification Number(s) are assigned by the Company and provide the Customer a secure log on to view its billing media. Customers reach the OBS data base by dialing a telephone number for the OBS modem pool. In the event of a log on rejection, the Company system administrator must be contacted. The system administrator will provide Customer assistance in resolving the log on failure.

BAN media for the last eleven months is available for viewing. BAN media can be viewed between the hours of 6 a.m. to 6 p.m. Central Time, Monday through Friday, excluding holidays.

OBS is not available as the primary bill format.

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.6 MISCELLANEOUS CHARGES**

**B.2. (Cont'd)**

**b. Chargeable Additional Options**

Additional copies of the Customer's monthly bill and/or CSR may be provided in standard paper, microfiche, magnetic tape reel, magnetic tape cartridge or floppy diskette format for an additional charge. Rates and charges for additional Service billing copies are set forth in 6.11.E., following.

• **Standard Paper**

Customers requesting additional copies of monthly bills and/or CSRs in a standard paper format are assessed a per request charge for each bill and each CSR requested and a per page charge.

• **Microfiche**

Customers requesting additional copies of monthly bills and/or CSRs in a microfiche format are assessed a per set charge for each bill set and each CSR set and a per microfiche sheet charge.

• **Magnetic Tape Reel or Cartridge**

Customers requesting additional copies of monthly bills and/or CSRs in a magnetic tape reel or cartridge format are assessed a per reel or per cartridge charge. Only one type of magnetic tape (i.e., reel or cartridge) will be provided per request.



**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.6 MISCELLANEOUS CHARGES**

B.2.b. (Cont'd)

- Floppy Diskette

At the option of the Customer, floppy diskettes are provided in either a 3.5" or 5.25" double sided, high density diskette format. The data on the diskette is formatted using standards determined by the Company. Customers requesting additional copies of monthly bills and/or CSRs in a floppy diskette format are assessed a per set charge for each bill set and/or each CSR set requested.

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.6 MISCELLANEOUS CHARGES (Cont'd)**

**C. Telecommunications Service Priority (TSP) System**

1. Priority installation and/or restorations of National Security Emergency Preparedness (NSEP) telecommunications services shall be provided in accordance with Part 64.401, Appendix A of the Federal Communications Commission's (FCC's) Rules and Regulations.

In addition, Telecommunications Service Priority (TSP) System service shall be provided in accordance with the guidelines set forth in "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook" (NCS) H 3-1-2 dated July 9, 1990, and "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP), Service User Manual" (NCS) M 3-1-1.

The TSP System is a service developed to meet the requirements of the Federal Government as specified in the Service Vendor Handbook and Service User's Manual, which provides regulatory, administrative and operational framework for the priority installation and/or restoration of NSEP Telecommunications Service. The TSP System applies only to NSEP telecommunications services, and requires and authorizes priority action by the Company providing the service.

2. The TSP System's applicability is limited to FGTS which the Company can discreetly identify for priority provisioning and/or restoration.

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.6 MISCELLANEOUS CHARGES**

**C. Telecommunications Service Priority (TSP) System (Cont'd)**

3. Other regulations, rates and charges for services provided in conjunction with TSP system apply as specified elsewhere in this Tariff (e.g., expedited order charge, Special Construction, due date change charge, etc.)
4. The customer for TSP System service also must be the same customer for the FGTS with which it is associated.
5. Under certain conditions it may be necessary to preempt one or more customer services with a lower or no restoration priority in order to install or restore NSEP telecommunications service(s) of a higher priority. If such preemption is necessary, and if circumstances permit, the Company will make reasonable effort to notify the preempted service customer of the action to be taken. Credit allowance for such service preemption shall be made in accordance with the provisions set forth in 2.4.4.F., preceding, concerning Temporary Surrender of a Service.
6. The customer, in obtaining TSP System service, acknowledges and consents to the provision of customer service record information by the Company to the Federal Government, as specified in the TSP Service Vendor Handbook, in order for the Government to maintain and administer its overall TSP System. This customer service record information will include TSP Authorization Code and Company Circuit/Service ID, customer telephone number and customer service address.

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**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.6 MISCELLANEOUS CHARGES**

**C. Telecommunications Service Priority (TSP) System (Cont'd)**

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| 7. When Priority Restoration Administration and Maintenance, as defined in the TSP Service Vendor Handbook, is discontinued (revocation of assigned Priority Restoration), and the associated FGTS is continued in service, the charge specified in 6.11, following, will not apply for such a discontinuance. | (T) |
| 8. Credit allowance for service interruption for Priority Restoration Administration and Maintenance shall be the same as for the FGTS with which it is associated as set forth in 2.4.4, preceding.   | (T) |
| 9. Certain activities performed by the Company in association with the TSP System are included in the rate elements as follows:  | (T) |
| a. Priority Installation Invocation includes system development, verification and confirmation.  | (T) |
| b. Priority Restoration Level Implementation includes system development, verification and confirmation.   | (T) |
| c. Priority Restoration Level Change includes verification and confirmation.   | (T) |
| d. Priority Restoration Administration and Maintenance includes reconciliation.  | (T) |

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.6 MISCELLANEOUS CHARGES**

**C. Telecommunications Service Priority (TSP) System (Cont'd)**

10. Existing Restoration Priority (RP) assignments will remain in effect for 30 months (until March 31, 1993). If a customer converts RP Service to TSP, the customer will incur the Priority Restoration level implementation nonrecurring charge as specified in 6.11, following.
11. The customer recognizes that quoting charges and obtaining permission to proceed with the installation and restoration of certain FGTS will cause unnecessary delays. In subscribing to TSP System, the customer recognizes this condition and grants the Company the right to quote charges after the work has been completed.

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## 5. RATE REGULATIONS

### 5.2 TYPES OF RATES AND CHARGES (Cont'd)

#### 5.2.7 DIVERSITY SERVICE

##### A. Rate Categories

There are three basic rate categories which apply to Diversity Service: (S-y)

- Local Loop Diversity Maintenance described in 1., following.
- Transport Channel Diversity Maintenance described in 2., following.
- Avoidance described in 3., following. (S-y)

##### 1. Local Loop Diversity Maintenance

The Local Loop Diversity Maintenance rate category is designed to recover the labor associated with the tracking and maintenance of diverse routing of local loop facilities. The recurring and nonrecurring charges are applicable to each local loop service, i.e., Channel Termination, installed with diverse routing. For example, a customer requests diverse routing of both Channel Terminations of one end-to-end FGTS DS1 Service. The customer will be assessed two Local Loop Diversity Maintenance charges.

##### 2. Transport Channel Diversity Maintenance

The Transport Channel Diversity Maintenance rate category is designed to recover the labor associated with the tracking and maintenance of diverse routing of facilities. The recurring and nonrecurring charges are applicable to each Transport Channel installed with diverse routing. Using the example in 1., above, the customer will also be assessed one Transport Channel Diversity Maintenance charge.

##### 3. Avoidance (S-y)

The Avoidance rate category is designed to recover the labor associated with the tracking and maintenance of avoidance routing of facilities. The recurring and nonrecurring charges are applicable to each Channel Termination and/or Transport Channel installed with avoidance routing. For example, a customer who requests to avoid their normal serving wire center will be assessed one Avoidance charge. (S-y)  
(C-x)  
(C-x)

(y) Reissued material filed under Transmittal No. 592, scheduled to become effective March 27, 1995.

(x) Issued under the authority of Special Permission No. 95-306.

(Filed under Transmittal No. 608.)

Issued: March 24, 1995

Effective: March 27, 1995

**5. RATE REGULATIONS**

**5.2 TYPES OF RATES AND CHARGES**

**5.2.7 DIVERSITY SERVICE (Cont'd)**

**B. Minimum Period Charges**

The minimum period for which service is provided and for which rates and charges are applicable is twelve months for Diversity Service.

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**6. RATES AND CHARGES**

**6.1 FGTS VOICE GRADE 7 ANALOG SERVICE**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE</b>
<b>A. Channel Termination, per point of termination</b>			
• Two-Wire	TUT12	\$103.00	\$21.47 (I)
• Four-Wire	TUT14	134.00	31.18 (I)
<b>B. Transport Channel</b>			
<b>MILEAGE BANDS</b>	<b>USOC</b>	<b>MONTHLY RATE</b>	
		<b>FIXED</b>	<b>PER MILE</b>
0	1U511	—	—
Over 0 to 8	1U512	\$25.96	\$0.17
Over 8 to 25	1U513	25.96	0.17
Over 25 to 50	1U514	25.96	0.17
Over 50	1U515	25.96	0.22

[1] Factors for fixed terms do not apply for Nonrecurring Charges.

(Filed under Transmittal No. 995.)

Issued: June 16, 1999

Effective: July 1, 1999



**6. RATES AND CHARGES**

**6.1 FGTS VOICE GRADE 7 ANALOG SERVICE (Cont'd)**

**C. Optional Features and Functions**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE</b>
1. Effective 4-Wire Transmission with 2-Wire interface	HBCGX	—	\$5.75 (I)
2. Signaling Capability, per point of termination			
• Loop Start			
- Type LA	XGSLA	—	—
- Type LB	XGSLB	—	—
- Type LC	XGSLC	—	—
- Type LO	XGSLO	—	—
- Type LS	XGSLS	—	—
• Ground Start			
- Type GO	XGSGO	—	—
- Type GS	XGSGS	—	—
• E&M Signaling			
- Type CT	XGSCT	—	—
- Type EA	XGSEA	—	6.00
- Type EB	XGSEB	—	6.00

[1] Factors for fixed terms do not apply for Nonrecurring Charges.

(Filed under Transmittal No. 720.)

Issued: April 2, 1996

Effective: July 1, 1996

**6. RATES AND CHARGES**

**6.1 FGTS VOICE GRADE 7 ANALOG SERVICE**

C.2. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE</b>
• Duplex Signaling - Type DY	XGSDY	—	\$2.00
• Single Frequency[1] - Type SF	XSSSF	—	7.05

**FACTORS FOR FIXED TERM SERVICE[2]**

3 years	.90
4 years	.88
5 years	.80
6 years	.78
7 years	.76
8 years	.74
9 years	.72
10 years	.70

[1] Factors for fixed terms do not apply for Nonrecurring Charges or Single Frequency rates and charges.

[2] Applicable to monthly rates only.

Certain material previously found on this page can now be found on Page 6-1.1.

(Filed under Transmittal No. 546.)

Issued: September 30, 1994

Effective: November 14, 1994

**6. RATES AND CHARGES**

**6.1 FGTS VOICE GRADE 7 ANALOG SERVICE**

**C. Optional Features and Functions (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE[1]</b>
3. Conditioning, per point of termination			
• C-Type	X1CPT	—	\$ 0.10
• Improved Attenuation Distortion	UHW	—	—
• Improved Envelope Delay Distortion	UHY	—	35.00 (I)
4. Customer Specified Level, per point of termination	RLS	—	—
5. Improved Echo Control, per point of termination			
• Improved Return Loss	1RL2W	—	9.00
• ELEPL-2	1RL4W	—	9.00

[1] Factors for fixed terms do not apply.

(Filed under Transmittal No. 720.)

Issued: April 2, 1996

Effective: July 1, 1996

**6. RATES AND CHARGES**

**6.1 FGTS VOICE GRADE 7 ANALOG SERVICE**

**C. Optional Features and Functions (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE[1]</b>	
6. Data Capability, per point of termination	XDCPT	—	\$ 1.00	(S-y)
7. Improved Termination, per point of termination	CP6	—	4.00	
8. Central Office Multiplexer to Multiplexer Connecting Arrangement, per connection				(S-y)
• Without signaling	PYVV1	—	12.00	(S-y)
• Without tandem signaling	PYVV2	—	12.00	
9. VG7 Customer Requested Loop Back, per point of termination[2]				(S-y)
• 1713 Hz	LBCCX	—	24.25	(N)
• 1913 Hz	LBCDX	—	24.25	(N)
• 2413 Hz	LBCAX	—	24.25	(S-y)
• 2713 Hz	LBCBX	—	24.25	(S-y)

[1] Factors for fixed terms do not apply. (S-y)

[2] This option can be used in combination with Customer Specified Level. (S-y)

(y) Reissued matter filed under Transmittal No. 546, effective November 14, 1994.

(Filed under Transmittal No. 554.)

Issued: October 21, 1994

Effective: December 5, 1994

**6. RATES AND CHARGES**

**6.1 FGTS VOICE GRADE 7 ANALOG SERVICE (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE[1]</b>	<b>(T)</b>
				<b>(T)</b>
D. Rollover of existing VG7 Service onto a multiplexed FGTS DS1 Service, per service termination affected				<b>(T)</b>
				<b>(T)</b>
• Two-wire or four-wire	NR6GA	\$57.76	—	<b>(T)</b>

[1] Factors for fixed terms do not apply.

**(T)**

(Filed under Transmittal No. 546.)

Issued: September 30, 1994

Effective: November 14, 1994

**6. RATES AND CHARGES**

**6.2 HIGH CAPACITY SERVICE**

**6.2.1 FGTS DS1 SERVICE**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE</b>
A. Channel Termination, per point of termination	TUT8X	\$313.25	\$125.00
B. Transport Channel			
<b>MILEAGE BANDS</b>	<b>USOC</b>	<b>MONTHLY RATE</b>	
		<b>FIXED</b>	<b>PER MILE</b>
0	1U581	—	—
Over 0 to 8	1U582	\$ 86.50	\$13.55
Over 8 to 25	1U583	109.85	14.19
Over 25 to 50	1U584	116.35	14.63 (R)
Over 50	1U585	127.99	15.11 (R)

[1] Factors for fixed terms do not apply for Nonrecurring Charges.

(Filed under Transmittal No. 977.)

Issued: March 17, 1999

Effective: April 1, 1999

**6. RATES AND CHARGES**

**6.2 HIGH CAPACITY SERVICE  
6.2.1 FGTS DS1 SERVICE (Cont'd)**

**C. Optional Features and Functions**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE</b>
1. Central Office Analog to Digital Conversion	MKBGX	\$ 75.00	\$250.00 (I)
2. Clear Channel Capability, per Channel Termination			
• B8ZS	CLRGX	—	—
• ZBTISI[2]	CZ6	—	—
• Basic[3]	CCOGX	—	—
3. DC Line Power[1,5]	LNYGX	—	6.00
4. Self Healing Alternate Route Protection (SHARP), per Channel Termination[4]	SHNAX	313.25	53.00 (I)
5. SHARP Plus, per Protected Channel Termination[4]	SHECX	313.25	44.00 (I)
SHARP Plus Central Office Termination, per termination	SHEEX	—	88.00 (I)

[1] Factors for fixed terms do not apply for Nonrecurring Charges or DC Line Power.

[2] As of the effective date of this Tariff, ZBTISI is limited to existing Customers only. Additionally, existing Customers with ZBTISI who move to a different premises must disconnect this optional feature.

[3] This option is limited to existing facilities in service on the effective date of this Tariff.

[4] Nonrecurring charges apply when the SHARP or SHARP Plus are not installed at the same time as a Channel Termination or SHARP Service.

[5] As of the effective date of this Tariff, D.C. Line Power is limited to existing Customers only. Additionally, existing Customers with D.C. Line Power who move to a different premises must disconnect this optional feature.

(Filed under Transmittal No. 926.)

Issued: June 16, 1998

Effective: July 1, 1998

(Effective: July 1, 1998 Supplement 21)

1801 California Street, Denver, Colorado 80202

**6. RATES AND CHARGES**

**6.2 HIGH CAPACITY SERVICE**

**6.2.1 FGTS DS1 SERVICE**

C. Optional Features and Functions (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE[1]</b>
6. Central Office Multiplexer to Multiplexer Connecting Arrangement, per connection			
• Between two multiplexers at the DS1 level	PYVM8	\$ 9.06	\$6.00 (I)
• Between two multiplexers at the DS1 level and optioned for B8ZS line code	PYVM9	18.13	6.00 (I)
D. Rollover of existing FGTS DS1 Service onto a multiplexed FGTS DS3 Service, per FGTS DS1 Service termination affected	NR6RC	122.50	—

[1] Factors for fixed terms do not apply.

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1801 California Street, Denver, Colorado 80202



**6. RATES AND CHARGES**

**6.2 HIGH CAPACITY SERVICE**

**6.2.1 FGTS DS1 SERVICE (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE</b>	<b>(T)</b>
E. Central Office 1.544 Mbps Connecting Channel				<b>(T)</b>
• Between two different FGTS DS1 Services installed as two separate services				<b>(T)</b>
	<b>CU5BD</b>	<b>\$30.00</b>	<b>\$10.00</b>	<b>(T)</b>

**FACTORS FOR FIXED TERM SERVICE[2]**

3 years	.90	
4 years	.88	
5 years	.80[3]	<b>(T)</b>
6 years	.78[3]	<b>(T)</b>
7 years	.76	
8 years	.74	
9 years	.72	
10 years	.70	

- [1] Factors for fixed terms do not apply for the COCC Nonrecurring Charge. **(T)**
- [2] Applicable to Monthly Rates only. **(T)**
- [3] FGTS DS1 Service SHARP and SHARP Plus fixed percent for 5 and 6 years is 85%. **(T)**

(Filed under Transmittal No. 546.)

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**6. RATES AND CHARGES**

**6.2 HIGH CAPACITY SERVICE (Cont'd)**

**6.2.2 FGTS DS3 SERVICE**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE</b>
A. Channel Termination, per point of termination			
1. Electrical Interface			
• Capacity of 1	THJAX	\$313.25	\$1,500.00 (I)
• Capacity of 2[2]	THJEX	—	1,936.00
- Per DS3	TH5EX	313.25	160.00
• Capacity of 3[2]	THJJX	—	2,295.00
- Per DS3	TH5JX	313.25	133.00
• Capacity of 6[2]	HDJAX	—	6,582.00
- Per DS3	HD5AX	313.25	81.00

[1] Factors for fixed terms do not apply for Nonrecurring Charges.

[2] FGTS DS3 Service Electrical Interface Capacities of 2 and greater are only available as set forth in 4.2.2.

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1801 California Street, Denver, Colorado 80202

**6. RATES AND CHARGES**

**6.2 HIGH CAPACITY SERVICE**

**6.2.2 FGTS DS3 SERVICE**

A.1. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE</b>	
• Capacity of 9[2] - Per DS3	THJ VX	—	\$ 6,582.00	(S-y)
	TH5 VX	\$313.25	81.00	
• Capacity of 12[2] - Per DS3	THJ NX	—	6,582.00	(S-y)
	TH5 NX	313.25	81.00	
• Capacity of 24[2] - Per DS3	THJ RX	—	12,850.00	(S-y)
	TH5 RX	313.25	87.00	
• Capacity of 36[2] - Per DS3	HDJ GX	—	21,883.00	(S-y)
	HD5 GX	313.25	97.00	

[1] Factors for fixed terms do not apply for Nonrecurring Charges.

[2] FGTS DS3 Service Electrical Interface Capacities of 2 and greater are only available as set forth in 4.2.2. (C-x)  
(C-x)

(x) Issued under the authority of Special Permission No. 97-235.

(y) Reissued matter filed under Transmittal No. 856, scheduled to become effective August 5, 1997, subsequently deferred to September 4, 1997 by Special Permission No. 97-238.

(Filed under Transmittal No. 859.)

Issued: August 1, 1997

Effective: September 4, 1997

**6. RATES AND CHARGES**

**6.2 HIGH CAPACITY SERVICE**

**6.2.2 FGTS DS3 SERVICE (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE[1]</b>
B. Central Office 44.736 Mbps Connecting Channel			
• Between two different FGTS DS3 Services installed as two separate services	CU5MN	\$12.50	\$10.00
C. Transport Channels[2]			
<b>MILEAGE BANDS</b>	<b>USOC</b>	<b>NON- RECURRING CHARGE[1]</b>	<b>MONTHLY RATE FIXED PER MILE</b>
0	1U5U1	—	—
Over 0 to 8	1U5U2	\$305.00	\$310.00
Over 8 to 25	1U5U3	305.00	350.00
Over 25 to 50	1U5U4	305.00	380.00
Over 50	1U5U5	305.00	410.00

[1] Factors for fixed terms do not apply for COCC Monthly Rate and all Nonrecurring Charges.

[2] Nonrecurring charges apply to Transport Channels when installed without a Channel Termination. When service involves more than one Exchange Telephone Company, one half the nonrecurring charge applies.

(x) Issued under the authority of Special Permission No. 98-142.

(Filed under Transmittal No. 928.)

Issued: June 29, 1998

Effective: July 1, 1998

(Effective: July 1, 1998 Supplement 21)

1801 California Street, Denver, Colorado 80202

**6. RATES AND CHARGES**

**6.2 HIGH CAPACITY SERVICE**

**6.2.2 FGTS DS3 SERVICE (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE</b>
D. Optional Features and Functions			
1. Central Office Multiplexing[2]	MQ3	\$200.00	\$300.00 (I)

[1] Factors for fixed terms do not apply to Nonrecurring Charges.

[2] Nonrecurring charges apply when the MUX is not installed at the same time as a Channel Termination.

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(Effective: July 1, 1998 Supplement 21)

1801 California Street, Denver, Colorado 80202

**6. RATES AND CHARGES**

**6.2 HIGH CAPACITY SERVICE**

**6.2.2 FGTS DS3 SERVICE**

**D. Optional Features and Functions (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1,2]</b>	<b>MONTHLY RATE</b>
<b>3. SHARP PLUS</b>			
• Per Protected Channel Termination	SHEDX	\$313.25	\$315.00 (I-x)
• Central Office Termination, per termination	SHEFX	—	473.00 (I-x)

**FACTORS FOR FIXED TERM SERVICE[3]**

12-23 months	.97
24-35 months	.94
36-47 months	.90
48-59 months	.88
60-71 months	.80
72-83 months	.80

[1] Nonrecurring charges are only applicable if SHARP Plus is not installed at the same time as a Channel Termination or SHARP Service.

[2] Factors for fixed terms do not apply to Nonrecurring Charges

[3] Applicable to monthly rates only.

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1801 California Street, Denver, Colorado 80202

**6. RATES AND CHARGES**

**6.3 SURCHARGE**

	<b>USOC</b>	<b>MONTHLY RATE[1]</b>
• Per Voice Equivalent Line	S25GX	\$25.00

**6.4 MESSAGE STATION EQUIPMENT  
RECOVERY CHARGE**

• Per Surcharge Assessed	UTMGX	3.60
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**6.5 DISPATCH CHARGE**

	<b>USOC</b>	<b>CHARGE</b>	(C)
• Dispatch Charge, for a service date change when a technician is dispatched to the Customer premises, per order	VT6DC	\$100.00	(N)

**6.6 DESIGN CHANGE CHARGE**

• Design Change Charge, per order	H28	50.00
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[1] Factors for fixed terms do not apply.

(Filed under Transmittal No. 824.)

Issued: January 23, 1997

Effective: March 9, 1997

**6. RATES AND CHARGES**

**6.7 CANCELLATION CHARGE**

Certain material previously found on this page can now be found on Page 3-19.1.

(Filed under Transmittal No. 907.)

Issued: March 30, 1998

Effective: April 14, 1998



**6. RATES AND CHARGES**

**6.8 DESIGN LAYOUT REPORT**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>(T)</b>
• Additional Mechanized copies	DLZAX	\$2.09	(T)
• Hard copy report, per copy	DLZHX	4.01	

**6.9 CHARGES FOR ADDITIONAL ENGINEERING**

<b>ADDITIONAL ENGINEERING PERIODS</b>	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>(T)</b>
• Basic Time, per engineer			(T)
- First 1/2 hour or fraction thereof	AEQXX	\$46.00	
- Each additional 1/2 hour or fraction thereof	AEQ1X	28.00	
• Overtime, per engineer			(T)
- First 1/2 hour or fraction thereof	AEQOX	51.00	
- Each additional 1/2 hour or fraction thereof	AEQ2X	33.00	

[1] Factors for fixed terms do not apply. (T)

(Filed under Transmittal No. 546.)

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**6. RATES AND CHARGES**

**6.10 CHARGES FOR ADDITIONAL LABOR**

<b>ADDITIONAL LABOR PERIODS</b>	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>
Installation		
• Overtime, per technician[2]		
- First 1/2 hour or fraction thereof[3]	ALFOX	\$10.00 (I-x)
- Each additional 1/2 hour or fraction thereof	ALF2X	10.00 (I-x)
• Premium Time, per technician[2]		
- First 1/2 hour or fraction thereof[3]	ALFPX	20.00 (I-x)
- Each additional 1/2 hour or fraction thereof	ALF3X	20.00 (I-x)

[1] Factors for fixed terms do not apply.

[2] 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 (4) hours.

[3] Only one first 1/2 hour increment applies per request.

(x) Issued under the authority of Special Permission No. 97-205.

(Filed under Transmittal No. 853.)

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(Effective: July 1, 1997 Supplement 17)

1801 California Street, Denver, Colorado 80202

**6. RATES AND CHARGES**

**6.10 CHARGES FOR ADDITIONAL LABOR (Cont'd)**

<b>ADDITIONAL LABOR PERIODS</b>	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>(M) (T)</b>
Other Labor			(M) (T)
• Basic Time, per technician			(T)
- First 1/2 hour or fraction thereof[2]	ALGXX	\$45.00	(M) (T)
- Each additional 1/2 hour or fraction thereof	ALG1X	25.00	(M) (M)
• Overtime, per technician[3]			(T)
- First 1/2 hour or fraction thereof[2]	ALGOX	45.00	(M) (T)
- Each additional 1/2 hour or fraction thereof	ALG2X	25.00	(M) (M)
• Premium Time, per technician[3]			(T)
- First 1/2 hour or fraction thereof[2]	ALGPX	50.00	(M) (T)
- Each additional 1/2 hour or fraction thereof	ALG3X	35.00	(M) (M)

[1] Factors for fixed terms do not apply.

[2] Only one first 1/2 hour increment applies per request.

[3] 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 (4) hours.

Certain material on this page formerly appeared on Page 6-8.

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1801 California Street, Denver, Colorado 80202

**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES**

**A. Maintenance of Service**

<b>MAINTENANCE OF SERVICE PERIODS</b>	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>
• Basic Time, per technician		
- First 1/2 hour or fraction thereof	MVWXX	\$ 35.00 (I)
- Each additional 1/2 hour or fraction thereof	MVW1X	35.00 (I)
• Overtime, per technician[2]		
- First 1/2 hour or fraction thereof	MVWOX	43.00 (I)
- Each additional 1/2 hour or fraction thereof	MVW2X	43.00 (I)
• Premium Time, per technician[2]		
- First 1/2 hour or fraction thereof	MVWPX	50.00 (I)
- Each additional 1/2 hour or fraction thereof	MVW3X	50.00 (I)

[1] Factors for fixed terms do not apply.

[2] 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 (4) hours.

(Filed under Transmittal No. 995.)

Issued: June 16, 1999

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES (Cont'd)**

**B. Testing Services**

**1. Additional Cooperative Acceptance Testing (ACAT)**

<b>TESTING PERIODS</b>	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	
• Basic Time, per technician			(T)
- First 1/2 hour or fraction thereof	SNTX+	\$40.00	(M)
- Each additional 1/2 hour or fraction thereof	SNT1+	25.00	(M)
• Overtime, per technician[2]			(T)
- First 1/2 hour or fraction thereof	SNT0+	40.00	(M)
- Each additional 1/2 hour or fraction thereof	SNT2+	25.00	(M)
• Premium Time, per technician[2]			(T)
- First 1/2 hour or fraction thereof	SNTP+	50.00	(M)
- Each additional 1/2 hour or fraction thereof	SNT3+	35.00	(M)

[1] Factors for fixed terms do not apply. (T)

[2] 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 (4) hours. (T)  
(T)

Certain material on this page formerly appeared on Page 6-10.

Certain material previously found on this page can now be found on Page 6-8.

(Filed under Transmittal No. 546.)

Issued: September 30, 1994

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES**

**B. Testing Services (Cont'd)**

**2. Nonscheduled Testing (NST)**

<b>TESTING PERIODS</b>	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	
• Basic Time, per technician			(T)
- First 1/2 hour or fraction thereof	SNOX+	\$40.00	(M)
- Each additional 1/2 hour or fraction thereof	SNO1+	25.00	(M)
• Overtime, per technician[2]			(T)
- First 1/2 hour or fraction thereof	SNOO+	40.00	(M)
- Each additional 1/2 hour or fraction thereof	SNO2+	25.00	(M)
• Premium Time, per technician[2]			(T)
- First 1/2 hour or fraction thereof	SNOP+	50.00	(M)
- Each additional 1/2 hour or fraction thereof	SNO3+	35.00	(M)

[1] Factors for fixed terms do not apply. (T)

[2] 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 (4) hours. (T)  
(T)

Certain material on this page formerly appeared on Page 6-11.

Certain material previously found on this page can now be found on Page 6-9.

(Filed under Transmittal No. 546.)

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES (Cont'd)**

C. Standard Voice Jacks

	USOC	NONRECURRING CHARGE[1]	(T) — (T) (M) (M)
1. Miniature six-position jacks for connection of terminal equipment as follows:			
a. Single-line telephone set surface or flush mounted.	RJ11C	\$ 7.84	(T) (M)
b. Single-line telephone sets, wall mounted.	RJ11W	15.25	(T) (M)
c. Two-line non-key telephone sets, surface or flush mounted.	RJ14C	7.79	(T) (T)
d. Single-line bridged 4-wire exchange 2/RT, T1/R1.	RJ1DC	13.71	(T) (M)
e. Two-line non-key telephone sets, wall mounted.	RJ14W	16.21	(T) (T)

[1] Factors for fixed terms do not apply

(T)

Certain material on this page formerly appeared on Page 6-11.1.

Certain material previously found on this page can now be found on Page 6-10.

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES**

C.1. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>(T)</b>
f. Special single-line equipment for use in hospital critical care areas.[2]	RJ17C	\$8.34	(T)
g. 9DB single-line data equipment with mode indication and mode indication common leads. This jack is normally used in association with a series jack.	RJ16X	6.93	(T) (M)
h. Three-line non-key telephone sets and ancillary devices.	RJ25C	7.47	(T) (M)

[1] Factors for fixed terms do not apply (T)

[2] Not available in IA, MN, NE, ND and SD. (T)

Certain material previously found on this page can now be found on Page 6-11.

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES**

**C. Standard Voice Jacks (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	
2. 50-Position Miniature Ribbon for connection of multiline terminating equipment and channel derivation devices as follows:			(T)
a. For connection to 2-wire tie trunks E&M type I signaling. (12-line capacity)	RJ2EX	\$57.95	(T)
b. For connection to 4-wire tie trunks E&M type I signaling. (8-line capacity)	RJ2GX	57.95	(T)
c. For connection to 2-wire tie trunks E&M type II signaling. (8-line capacity)	RJ2FX	57.95	(T)
d. For connection to 4-wire tie trunks E&M type II signaling. (13-line capacity)	RJ2HX	57.95	(T)
e. For connection to off-premises station lines. (25-line capacity)	RJ21X	49.25	(T)
f. For use with series devices such as toll restrictors. (12-line capacity)	RJ71C	94.38	(T)
g. For connection of up to 12 line bridged 4-wire exchange 2/RT, T1/R1.	RJ2DX	57.95	(T)

[1] Factors for fixed terms do not apply.

(T)

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES**

C. Standard Voice Jacks (Cont'd)			(T)
	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	(T)
3. Series Jacks for connection of terminal equipment as follows:			(T)
a. Single-line alarm reporting devices.	RJ31X	\$23.28	(T)
b. Series ancillary devices such as automatic dialers. Single-line sets with exclusion.	RJ32X	22.31	(T)
c. Two-line telephone sets with exclusion on one line.	RJ37X	22.31	(T)
4. Weatherproof Jack for use with single-line telephone sets used at locations such as boats and marinas.	RJ15C	38.73	(T)
D. Standard Data Jacks			(T)
1. Universal Data Jack for use in connecting fixed loss loop (FLL) and programmed (P) types of data equipment. (1 line capacity)	RJ41S	34.84	(T)
2. Programmed Data Jack for use in connecting programmed data equipment. (1 line capacity)	RJ45S	38.51	(T)

[1] Factors for fixed terms do not apply. (T)

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES**

D. Standard Data Jacks (Cont'd)			(T)
	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	(T)
3. Multiple-Line Universal Data Jack for use in connecting fixed loss loop (FLL) and programmed (P) types of data equipment. This jack will terminate up to eight lines. The selection of this jack requires the use of the equipment listed following.	RJ26X	\$289.82	(T)
a. Multiple-Line Universal Data Jack Circuit Cards. For use with RJ26X. One circuit card per circuit required.	RJ26S	27.67	(T)
b. Multiple-Line Universal Data Jack Mounting options. For use with RJ26X. One required per RJ26X.			(T)
• Wall Mounting with cover[2]	RJM3X	33.06	(T)
• Rack Mounting (19 inch or 23 inch)	RJM4X	28.14	(T)

[1] Factors for fixed terms do not apply. (T)

[2] Not available in IA, MN, NE, ND and SD. (T)

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES**

D. Standard Data Jacks (Cont'd)			(T)
	USOC	NONRECURRING CHARGE[1]	(T)
4. Miniature Modular eight position data jack			(T)
a. Universal one or two line digital bridged tip and ring - 8 position	RJ48C	\$21.01	(T)
b. Universal single line digital series tip and ring - 8 position	RJ48X	21.32	(T)
c. Series single line bridged tip and ring arrangement equipped with a continuity circuit - 8 position	RJ48S	19.93	(T)
d. Miniature modular keyed jack - 8 position	JM8	21.01	(T)
5. Miniature Modular 50 position data jack			(T)
a. Universal multiple line bridged tip and ring	RJ48T	49.25	(T)
b. Universal multiple line digital bridged tip and ring	RJ48M	49.25	(T)
c. Universal multiple line digital ribbon jack, provides cable shield integrity	RJ48H	49.25	(T)

[1] Factors for fixed terms do not apply. (T)

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES (Cont'd)**

E. Provision of Billing Information (T)

Additional Options of the Customer's Monthly Bill and/or CSR

	<b>USOC</b>	<b>PER REQUEST[1]</b>	<b>PER PAGE[1]</b>	(T)
1. Nonchargeable Additional Options				(T)
• On-line Billing Service	N/A	—	—	(T)
2. Chargeable Additional Options				(T)
• Paper, each bill and/or each CSR	AC8PX	\$19.53	\$0.01	(T)
• Microfiche, each bill set and/or each CSR set requested	N/A	39.67	0.25	(T)
• Magnetic Tape Reel, per reel requested	N/A	39.88	—	(T)
• Magnetic Tape Cartridge, per cartridge requested	N/A	25.99	—	(T)
• Floppy Diskette, each bill set and/or each CSR set requested	N/A	23.87	—	(T)
• Shipping	N/A	[2]	—	(T)

[1] Factors for fixed terms do not apply. (T)

[2] Actual charges due upon delivery. (T)

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES (Cont'd)**

F. Extended Record Keeping

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE[1]</b>	(T)
Until December 11, 2008				(T)
• Cost to input storage information, per box	FGS++	ICB	—	(T)
• Locate and retrieve carton from storage, per carton	FGS++	ICB	—	(T)
• Shipping	N/A	[2]	—	(T)
• 10" X 12" X 15" carton, per box	FGS++	ICB	ICB	(T)

[1] Factors for fixed terms do not apply.

[2] Actual charges due upon delivery.

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES (Cont'd)**

G. Telecommunications Service Priority (TSP) System (T)

The following rates and charges apply per point of termination and are in addition to all other rates and charges that may be applicable for other services that may be furnished under the provisions of this Tariff which operate in conjunction with the TSP System. (T)

	USOC	NONRECURRING CHARGE[1]	MONTHLY RATE[1]	(T)
1. Priority Installation (PI)				(T)
Invocation, includes system development, verification and confirmation, per point of termination[2]				(T)
• Prime Service Vendor	P1APX	\$128.00	—	(T)
• Subcontractor	P1ASX	128.00	—	(T)

[1] Factors for fixed terms do not apply. (T)

[2] When FGTS is ordered with both PI and PR, only the nonrecurring charge for PR applies. (T)

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES**

**G. Telecommunications Service Priority (TSP) System (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE[1]</b>	<b>(T)</b>
2. Priority Restoration (PR) Level Implementation, per point of termination[2]				(T)
a. PR level implementation, includes system develop- ment, verification and confirmation				(T)
• Prime Service Vendor	PR5PX	\$128.00	—	(T)
• Subcontractor	PR5SX	128.00	—	(T)
b. PR level change, includes verification and confirmation				(T)
• Prime Service Vendor	PR8PX	6.00	—	(T)
• Subcontractor	PR8SX	6.00	—	(T)
c. PR administration and maintenance, includes reconciliation				(T)
• Prime Service Vendor	PR9PX	—	\$1.30	(T)
• Subcontractor	PR9SX	—	1.30	(T)

[1] Factors for fixed terms do not apply.

[2] When FGTS is ordered with both PI and PR, only the nonrecurring charge for PR applies.

Certain material previously found on this page can now be found on Page 6-12.3.

(Filed under Transmittal No. 546.)

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**6. RATES AND CHARGES**

**6.11 CHARGES FOR MISCELLANEOUS SERVICES (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	
H. Transition Coordination	FGK++	ICB[2]	
	<b>USOC</b>	<b>CREDIT[3]</b>	
I. Service Guarantee - Repair Credit[4], per occurrence			(T)
• FGTS VG7 Service			
- 4 hours and over	SG3AA	\$ (5.00)	
• FGTS DS1 Service			
- 4 hours up to but not including 8 hours	SG3BB	(60.00)	
- 8 hours up to but not including 16 hours	SG3CB	(70.00)	
- 16 hours up to but not including 24 hours	SG3DB	(80.00)	
- 24 hours and over	SG3EB	(100.00)	
• FGTS DS3 Service			
- 4 hours up to but not including 8 hours	SG3BB	(500.00)	
- 8 hours up to but not including 16 hours	SG3CB	(700.00)	
- 16 hours up to but not including 24 hours	SG3DB	(800.00)	
- 24 hours and over	SG3EB	(1,000.00)	
J. Service Guarantee - Diversity Credit[4], per occurrence			(T)
- FGTS VG7 Service	SG3FV	(100.00)	
- FGTS DS1 Service	SG3F1	(500.00)	
- FGTS DS3 Service	SG3FC	(2,500.00)	(T)

[1] Factors for fixed terms do not apply.

[2] ICB rates and charges are filed in 6.12., following.

[3] Factors for fixed terms apply to the credit.

[4] See 2.4.4, preceding, for terms and conditions.

(Filed under Transmittal No. 971.)

Issued: February 8, 1999

Effective: February 23, 1999

**6. RATES AND CHARGES**

**6.12 INDIVIDUAL CASE FILINGS**

**CASE NO:** 89-1                      **NAME:** AT&T  
**EFFECTIVE:** 10-23-89

**DESCRIPTION:** Provide coordination to AT&T to transition services from GSA's existing network to the services of AT&T.

<b>RATE ELEMENT</b>	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>(T)</b>
• Transition Coordination	FGKAA	\$223,000.00	(T)

**CASE NO:** 89-2                      **NAME:** US Sprint  
**EFFECTIVE:** 10-23-89

**DESCRIPTION:** Provide coordination to US Sprint to transition services from GSA's existing network to the services of US Sprint.

<b>RATE ELEMENT</b>	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>(T)</b>
• Transition Coordination	FGKAB	\$168,000.00	(T)

**6. RATES AND CHARGES**

**6.13 SPECIAL FACILITIES ROUTING OF FGTS SERVICES**

The rates and charges for Special Facilities Routing of FGTS Services are as follows:

**A. Diversity - FGTS VG7, DS1 and DS3 Services**

	<b>USOC</b>	<b>NONRECURRING CHARGE[1]</b>	<b>MONTHLY RATE[1]</b>	
1. Local Loop Diversity Maintenance, per Channel Termination[2]				(T)
- Primary Route	DM3XX	\$50.00 (I)	\$12.00 (I)	(C)
- Secondary Route	DM3XX	50.00 (I)	12.00 (I)	(C)
2. Transport Channel Diversity Maintenance, per Transport Channel				(T)
- Primary Route	DY3XX	50.00 (I)	\$12.00 (I)	(C)
- Secondary Route	DY3XX	50.00 (I)	\$12.00 (I)	(C)
B. Avoidance				(N)
- per service, per occurrence[2]	AOV	50.00	12.00	(N)

[1] Factors for fixed terms do not apply for Diversity and Avoidance rates and charges. (C)

[2] For FGTS DS3 Service, one Local Loop Diversity Maintenance and/or Avoidance charge will apply Per DS3. (N)  
(N)

(Filed under Transmittal No. 592.)

Issued: February 10, 1995

Effective: March 27, 1995

## **7. OPERATING TERRITORIES**

The operating territories of U S WEST Communications and their concurring carriers are comprised of the following locations, defined by the names of rate centers, by LATA, for the states of Arizona, Colorado, Idaho, Iowa, Minnesota, Montana, Nebraska, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington and Wyoming.

### **7.1 ARIZONA**

#### **A. Phoenix LATA**

Anita	(S-y) Crown King	Munds Park	(S-y)
Apache Vortac	Desert View		(S-y)
Ash Fork	Eloy	North St. Johns	
	Flagstaff	Oatman Mt. Top	
Bitter Springs	Florence	Organ Pipe	
Trading Post		(S-y) Cactus National	
	(D) Gila Bend	Monument	
Black Hill	Glen Canyon	Page	
	(S-y) City, UT		(S-y)
Cameron		(S-y) Payson	
Camp Verde	Grand Canyon	Phoenix	
Canyon Lake	Hassayampa	Prescott	
Casa Grande	Vortac	Sacaton	
	(S-y)	(S-y)	(S-y)
	(S-y) Humboldt		
Chino Valley	Joseph City		
	(S-y) Juniper Mountain		
Coolidge		(S-y)	
Cottonwood	Lukeville		
	Maricopa	(S-y)	
	Mount Humboldt		

(y) Reissued material filed under Transmittal No. 802 scheduled to become effective December 30, 1996.

(Filed under Transmittal No. 805.)

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Effective: December 30, 1996

**7. OPERATING TERRITORIES**

**7.1 ARIZONA**

**A. Phoenix LATA (Cont'd)**

Sedona	Wellton	Yarnell
Somerton	Wenden	Yuma
Superior	Whitlow	
Valle	Wickenburg	
	Williams	
	Winslow	

**B. Tucson LATA**

Bear Springs	Kelvin	San Manuel
Benson	Kitt Peak	San Simon
Bisbee	Marana	Vortac
Bogard Wash	Miami	Santa Rosa
Coronado	Naco Int. Bdry.	Sierra Vista
Daniel Mine	Nogales	Silver Bell
Douglas	Nogales Int. Bdry.	Sunshine
Douglas Int. Bdry.	Patagonia	Tombstone
Globe	Pima	Tubac
Green Valley	Robles	Tucson
Hayden	Safford	Vail
		(D) Willcox

**7. OPERATING TERRITORIES**

**7.2 COLORADO**

**A. Colorado Springs LATA**

Aguilar		Cripple Creek	Monte Vista	
Alamosa		Del Norte		(S-x)
	(S-x)	Fairplay	Peyton	
		Florence	Pueblo	(S-x)
			(S-x)	(S-x)
	(S-x)			(S-x)
Buena Vista			Salida	
	(S-x)			(S-x)
Calhan				
	(S-x)			(S-x)
Canon City			Trinidad	
	(S-x)		(S-x)	(S-x)
		Leadville	Walsenburg	
		Limon		(S-x)
			(S-x)	
	(S-x)		(S-x)	(S-x)
Colorado Springs				
Cowans				
	(S-x)			

(x) Issued under the authority of Special Permission No. 95-164 to advance the effective date of the material filed under Transmittal No. 583 from March 4, 1995 to February 16, 1995.

(Filed under Transmittal No. 593.)

Issued: February 15, 1995

Effective: February 16, 1995

## **7. OPERATING TERRITORIES**

### **7.2 COLORADO (Cont'd)**

#### **B. Denver LATA**

Adena Station	(S-x)	Deer Trail Metering Station	Granby
Allenspark		Delta	Grand Junction
Arvada		Denver	Grand Lake
Aspen		Denver	Greeley
Aurora		Northeast	Gunnison
Bailey		Denver	Hayden
Basalt		Southwest	Hillrose
Battle Canyon Station		Dillon	Hot Sulphur Springs
Bayfield		Durango	Hudson
Berthoud		Eaton	(S-x) Idaho Springs
Boulder		Elbert	Johnstown-Milliken
Breckenridge		Elizabeth	Julesburg
Brighton		Englewood	
Broomfield		Erie	
Brush		Estes Park	
Carbondale		Evergreen	
Castle Rock		Fort Collins	
Central City		Fort Lupton	
Coal Creek Canyon		Fort Morgan	
Cortez	(S-x)	Fraser	
Craig		Frederick	
Crested Butte		Fruita	
De Beque		Georgetown	
Deckers		Gilcrest	
		Glenwood Springs	
		Golden	

(x) Issued under the authority of Special Permission No. 95-164 to advance the effective date of the material filed under Transmittal No. 583 from March 4, 1995 to February 16, 1995.

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**7. OPERATING TERRITORIES**

**7.2 COLORADO**

**B. Denver LATA (Cont'd)**

Keenesburg	Meeker	(S-x)
Kiowa		(S-x)
Kremmling	Montrose	Ridgeway
La Salle	Morrison	Rifle
Lafayette-	Nederland	Silt
Louisville	New Castle	Silverton
Lakewood	North Julesburg, NE	Steamboat Springs
Little Beaver		(S-x) Sterling
Gas Plant	Oak Creek	Sullivan
Littleton	Olathe	Telluride
Longmont		(S-x) Vail
Lookout Mountain	Ouray	(S-x)
Loveland	Palisade	Ward
Lyons	Parachute	Weldona
Mancos	Parker	Windsor
	(S-x) Platteville	(S-x)
Mead		Yampa
		(S-x)

(x) Issued under the authority of Special Permission No. 95-164 to advance the effective date of the material filed under Transmittal No. 583 from March 4, 1995 to February 16, 1995.

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**7. OPERATING TERRITORIES**

**7.3 IDAHO**

**A. Boise LATA**

American Falls	(D) Idaho National	Nyssa, OR
Bankcroft	Engineering	Ontario, OR
Blackfoot	Laboratory	Oregon Slope, OR
Bliss	Ironside, OR	Payette
Boise	Jerome	Pocatello
Border, WY	Ketchum	Preston
Buhl	Kimberly	Rexburg
Burley	Kuna	Rigby
Caldwell	Lava Hot Springs	Ririe
Castleford	McCammon	(D) Roberts
Dietrich	Melba	Shelley
Downey	Meridian	Shoshone
Eden	(D) Middleton	Soda Springs
Emmett	Montpelier	Squaw Butte
Glenns Ferry	Mountain Home	Star
Gooding	Murtaugh	Twin Falls
Grace	Nampa	Vale, OR
Hagerman	New Plymouth	Weiser
Hailey		Wendell
Hazelton		
Hells Canyon		
Idaho City		
Idaho Falls		

**B. Spokane LATA**

See 7.13.B, following.

**7. OPERATING TERRITORIES**

**7.4 IOWA**

**A. Davenport LATA**

Burlington  
Clinton  
Davenport  
Dubuque  
Fort Madison

Keokuk  
Maquoketa  
Muscatine  
Walcott

**B. Des Moines LATA**

Ackley	Eagle Grove	
Adel	Earlham	
Algona	Garner	
Alta Vista	Gilmore City	
Altoona	Granger	
Ames	Grimes	
Ankeny	Hampton	
	(D) Humboldt	
Blairsburg	Indianola	
Boone	Iowa Falls	
Bradgate	Jewell	
	(D) Livermore	
Britt		(D)
Carlisle	Luverne	
Charles City	Manly	
Clarion		(D)
Colfax	Marshalltown	
	(D) Mason City	
Dallas Center	Nashua	
Dawson	Norwalk	
Des Moines		

**7. OPERATING TERRITORIES**

**7.4 IOWA (Cont'd)**

**C. Cedar Rapids LATA**

Anamosa	Independence	Oelwein
Calmar	Iowa City	Parkersburg
Cedar Falls	Lansing	Waterloo
Cedar Rapids	Monticello	Waukon
Center Point	Mount Vernon	Waverly
Coggon	New Hartford	
Decorah		
Denver		
Dike		

**D. Sioux City LATA**

Anthon	Mapleton	Onawa
Arnolds Park	Merrill	Pocahontas
Cherokee	Milford	Sheldon
Correctionville	North	Sioux City
Dakota City, NE	Estherville, MN	Sioux Rapids
Danbury	North Lake	South Sioux City, NE
(D)	Park, MN	Spencer
Estherville	North Sioux City, SD	Spirit Lake
Lake Park	North Spirit	Storm Lake
Laurens	Lake, MN	Whiting

**7. OPERATING TERRITORIES**

**7.5 MINNESOTA**

**A. Duluth LATA**

Barnum	Grand Marais	Nashwauk	
Buhl	Grand Rapids		(D)
Biwabik	Hibbing	Silver Bay	
Breckenridge, ND		(D) Tofte	
Chisholm	International Falls	Virginia	
Cloquet	Keewatin		
Coleraine	Moose Lake		
Cook	Marble		
Carlton			
Duluth			

**B. Minneapolis LATA**

Braham	North Branch	Sandstone
Cambridge	Ogilvie	St. Croix Beach
Gaylord	Pine City	Stillwater
Hinckley	Princeton	Twin Cities
Isanti	Red Wing	Wabasha
Le Sueur	Rush City	Wyoming
Mora		

## 7.5 MINNESOTA (Cont'd)

Albert Lea		(D)	(D)
Austin			(D)
	(D)	(D)	St. Charles
Caledonia	Luverne		St. Peters
Chatfield	Marshall		Stewartville
	(D) Morton		(D)
Fairbault	New Sweden		Tracy
	(D) Nicollet		Waseca
	Northfield		Winona
	(D) Owatonna		(D)
Glenville	Pipestone		Windom
	(D) Redwood Falls		(D)
Jackson		(D)	
	(D) Rochester		

Appleton		(D)	Ortonville	
Avon	Glenwood			(D)
	(D) Holdingford			(D)
Big Stone City, SD	Litchfield		Royalton	
Cold Spring	Little Falls		Sauk Centre	
	(D) Morris		St. Cloud	
Foley	Montevideo		St. Joseph	
	Olivia		Swanville	
			Willmar	

7. OPERATING TERRITORIES

7.6 MONTANA

A. Billings LATA

Ator Creek Junction	Glendive	Old Faithful, WY
Belgrade	Hardin	(Yellowstone
Billings	Joliet	National Park)
Bozeman	Lake, WY	Red Lodge
Bridger	(Yellowstone	Scott Land
Clyde Park	National Park)	& Cattle Co
Columbus	Laurel	Sidney
Cooke City	Little Wall	Terry
East Fairview, ND	Livingston	Three Forks
East Sidney, ND	Mammoth, WY	West Yellowstone
Fairview	(Yellowstone	Wibaux
Farley Ranch	National Park)	Wilsall
Forsyth	Manhattan	
Fromberg	Miles City	
Gallatin Gateway	North Warren	
Gardiner		

(D)

(T)

(T)

(M)

(M)

Certain material on this page formerly appeared on Page 7-7.

Certain material previously found on this page can now be found on Page 7-22 and 7-25.

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**7. OPERATING TERRITORIES**

**7.6 MONTANA (Cont'd)**

**B. Great Falls LATA**

Anaconda	Great Falls	Stevensville
Bear Creek	Hamilton	Sweetgrass Int. Bdry.
(Flathead CO)	Havre	Townsend
Blankenship	Helena	Victor
Boulder	Kiowa	Warm Springs
Butte	Lewistown	West Glacier
Cascade	Missoula	West Sweetgrass
Conrad	Pinnacle	Int. Bdry.
Cut Bank	Polebridge	Whitehall
Darby	Port of Piegan	Wolf Creek
Deer Lodge	St. Mary	
Dillon	Shelby	
Dutton		
East Conrad		
Junction		
East Glacier Park		
Essex		
Frenchtown		

(D)

(T)

(T)

(M)

(M)

Certain material on this page formerly appeared on Page 7-8.

Certain material previously found on this page can now be found on Page 7-25.

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**7. OPERATING TERRITORIES**

**7.7 NEBRASKA**

**A. Grand Island LATA**

Alliance	Elm Creek		(D)
	(D) Elwood	North Platte	
Atlanta		(D) Ogallala	
Axtell	Farwell		(D)
	(D)	(D) Oxford	
Big Springs	Gothenburg		(D)
	(D) Grand Island		
Bridgeport	Harris		
Broken Bow	Holdrege		(D)
	(D) Kimball	St. Libory	
Cairo	Lexington	St. Paul	
	(D)	(D) Sidney	
Central City		(D) Silver Creek	
Chadron	Loup City		(D)
Crawford		(D)	
Creston	McCook		(D)
	(D) Minden	Wood River	
	(D)		

**B. Omaha LATA**

Ainsworth	Carter Lake, IA		(D)
	(D) Clarkson	De Soto Bend	
Atkinson	Crescent, IA	East Harrisburg, IA	
Atlantic, IA	Creston	Emerson	
Beloit, IA		(D) Fremont	
Bennington		(D) Glenwood, IA	
	(D) Council Bluffs, IA		
Carrol, IA			



**7. OPERATING TERRITORIES**

**7.7 NEBRASKA**

**B. Omaha LATA (Cont'd)**

Gretna		(D) South Jackson, IA
Hamburg		(D) South Round Lake, IA
Howells	North Valentine, SD	(D)
Humphrey	Oakland, IA	Springfield
Laurel	Omaha	(D)
	(D) O'Neill	Tekamah
Lyons	Pilger	Underwood, IA
Malvern, IA	Randolph	Valentine
Mineola, IA	Red Oak, IA	Valley
Missouri Valley, IA	Schuyler	Wakefield
Neola, IA	Shenandoah, IA	(D)
Norfolk	Silver City, IA	Wayne
	(D)	West Hamburg
	(D)	West Point
		(D)

**7. OPERATING TERRITORIES**

**7.8 NEW MEXICO**

**A. New Mexico LATA**

Alamogordo		Las Vegas	
Albuquerque		Los Alamos	
Anthony		Los Lunas	
Apache		Moriarty	
Artesia		Mountainair	
Aztec		Mount Dora	
Bayard		Pena Blanca	
Belen		Penasco	
Bernalillo		Portales	
Bernardo Station		Questa	
	(D-x)	Raton	
Chaparral		Red River	
Cimmarron		Roswell	
	(D-x)	Sante Fe	
Clovis		Santa Rosa	
Deming		Santa Teresa	
	(D-x)	Silver City	
Eagle Nest		Socorro	
Estancia		Springer	
Farmington		Star Lake	
Gallup		Taos	
Grants			(D-x)
Guadalupe Peak		Tijeras	
	(D-x)	Tucumcari	
Laguna Acoma			(D-x)
La Mesa		Wampia Spring	
Las Cruces		White Sands	
		Missile Range	

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**7. OPERATING TERRITORIES**

**7.9 NORTH DAKOTA**

**A. Bismarck LATA**

Alexander	Riverdale	(D)
Belfield		
Bismarck	Watford City	
Dickenson	Williston	

(D)

**7. OPERATING TERRITORIES**

**7.9 NORTH DAKOTA (Cont'd)**

**B. Fargo LATA**

Battle Lake, MN	Gardner	Northwood
	(D) Grafton	Pembina
Bemidji, MN	Grand Forks	Reynolds
Brainerd, MN	Gwinner	Thompson
Breckenridge, MN	Hatton	Valley City
Crookston, MN	Hillsboro	Wadena, MN
Emerado	Jamestown	Wahpeton
Fairmount	Kindred	
Fargo	Larimore	West Comstock, MN (D)
	Leonard	Wyndmere
	Lisbon	
	Manvel	
	Mayville	

**7. OPERATING TERRITORIES**

**7.10 OREGON**

**A. Eugene LATA**

Albany	Gold Hill	Medford	
Ashland	Grants Pass	Newport	
Blue River	Harrisburg		(S-y)
	(S-y) Jacksonville	Oakland-Sutherlin	
	(S-y) Jefferson	Phoenix	
Central Point	Junction City	Rogue River	
Corvallis	Klamath Falls	Roseburg	
Cottage Grove	Leaburg		(S-y)
	(S-y) Lowell	Siletz	
Eugene-Springfield	Mapleton	Toledo	
Florence	Marcola	Veneta	
	(S-y)		

**B. Portland LATA**

Astoria	Cannon Beach		(S-y)
Athena-Weston	Castle Rock, WA		(S-y)
Baker		(S-x)	(S-y)
Battle Ground, WA	Culver	Hermiston	
Bend	Dallas		(S-y)
	(S-y)	(S-y) Independence-	
Burlington		(S-y) Monmouth	
	(S-y) Falls City		(S-y)
Camp Sherman			(S-y)

- (y) Reissued material filed under Transmittal No. 670 scheduled to become effective October 21, 1995.  
(x) Issued under the authority of Special Permission No. 95-1299.

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**7. OPERATING TERRITORIES**

**7.10 OREGON**

**B. Portland LATA (Cont'd)**

Lake Oswego	(S-y)	Portland	(S-x)
Lapine		Prineville	Vancouver, WA
		Rainier	Warrenton
	(S-y)	Redmond	Westport
Longview-		Ridgefield, WA	Woodburn-Hubbard
Kelso, WA		Saint Helens	(S-x)
Madras		Salem	
	(S-y)	Seaside	
	(S-y)		(S-y)
Moro		Silver Lake	
	(S-y)	Sisters	
North Plains			(S-y)
	(S-y)	Stanfield	
Oak Grove-		Sumpter	
Milwaukie		Umatilla	
Oakridge			
Oregon City			
Pendleton			

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**7. OPERATING TERRITORIES**

**7.11 SOUTH DAKOTA**

**A. South Dakota LATA**

Aberdeen	Hill City	Roslyn
(D)	(D)	Sioux Falls
Arlington	Huron	Sisseton
Belle Fourche	Iroquois	(D)
Canton	Lake Preston	S. Yankton, NE
Cavour	Lead	Spearfish
(D)	(D)	Sturgis
Chamberlain	Madison	(D)
(D)	Mc Intosh	Timber Lake
Colman	Milbank	Vermillion
Deadwood	Miller	(D)
De Smet	Mitchell	Volga
Elk Point	Morristown	Watertown
Flandreau	Pierre	Whitewood
(D)	Rapid City	(D)
Harrisburg-Tea	Redfield	Yankton

**7. OPERATING TERRITORIES**

**7.12 UTAH**

**A. Utah LATA**

Alta	Dugway		(D)
American Fork	East Carbon	Kaysville	
Beaver		(D) Kearns	
Bingham Canyon		(D) Lake Mountain	
Black Mountain	Ephraim	Lehi	
Bonanza		(D) Lisbon	
Bonneville	Farmington	Logan	
Radio Range	Fish Lake	Lucin Radio Range	
Bountiful		(D) Magna	
Brian Head		(D)	(D)
Brigham City	Hanksville	Michael Field	
Bruin Peak	Harley Dome	Midvale	
Cedar Breaks	Heber City		(D)
Cedar City	Helper		(D)
Cedar Mountain	Hiawatha	Monroe	
	(D) Holladay	Morgan	
Cisco	Hovenweep	Mount Pleasant	
Clearfield	National	Murray	
Coalville	Monument	Nephi	
Crescent Junction	Huntsville	Nine Mile	
Delle	Hurricane	Ogden	
Duchesne	Hyrum	Park City	
	Johnson Peak	Parowan	
		Payson	
		Pleasant Grove	



**7. OPERATING TERRITORIES**

**7.12 UTAH**

**A. Utah LATA (Cont'd)**

Price  
Provo  
Red Mesa  
Richfield  
Richmond  
Roosevelt  
Rowley  
St. George  
Salina  
Salt Lake City  
Smithfield

Spanish Fork  
Springdale  
Springville  
Tooele  
Vernal  
Warren Petroleum  
Wendover  
White Mesa  
Wonsits Oil Field

(D)  
(T)  
(T)

Certain material on this page formerly appeared on Page 7-11.

Certain material previously found on this page can now be found on Page 7-18.

(Filed under Transmittal No. 546.)

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**7. OPERATING TERRITORIES**

**7.13 WASHINGTON**

**A. Seattle LATA**

Aberdeen-Hoquiam	(S-x)	Graham	Port Townsend
		Hoodspport	Puyallup
Auburn			(S-x)
Bainbridge Island		Issaquah	Renton
Belfair		Kent	Rochester
Bellevue			(S-x) Roy
Bellingham			(S-x) Seattle
Black Diamond		Maple Valley	Sequim
Bremerton		North Bend	Shelton
Buckley			(S-x) Silverdale
Centralia		Olympia	(S-x)
Chehalis			(S-x) Sumner
Copalis			(S-x) Tacoma
Crystal Mountain		Port Angeles	Winlock
	(S-x)	Port Ludlow	
Des Moines		Port Orchard	
Enumclaw			

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**7. OPERATING TERRITORIES**

**7.13 WASHINGTON (Cont'd)**

**B. Spokane LATA**

	(S-x)	Green Bluff	Pasco	
	(S-x)		(S-x) Pateros	
Clarkston		Kamiah, ID	Pomeroy	
Cle Elum		Kooskia, ID		(S-x)
Colfax		Lapwai, ID	Spokane	
Colville		Lewiston, ID		(S-x)
Cottonwood, ID		Liberty Lake	Springdale	
	(S-x)		(S-x)	(S-x)
Coulee Dam		Loon Lake	Touchet	
Craigmont, ID		Milton-Freewater	Waitsburg	
Dayton		Moses Lake	Walla Walla	
Deer Park			(S-x) Warden	
Easton		Newman Lake		(S-x)
	(S-x)	Nez Perce, ID		(S-x)
Elk		Northport	Yakima	
Ephrata			(S-x)	
	(S-x)	Omak-Okanogan		
Grangeville, ID		Oroville		
		Othello		

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**7. OPERATING TERRITORIES**

<b>7.14 WYOMING</b>				(S-y)
A. Wyoming LATA				(S-y)
Afton		Glendo	(S-x)	(S-y)
	(S-x)	Glenrock		
	(S-x)	Green River		
Boysen Peak			(S-x)	
Buffalo			(S-x)	
	(S-x)	Hog Park		
	(S-x)			
Casper		Jackson		
Cheyenne			(S-x)	
Cheyenne River			(S-x)	
Station		Kemmerer		
Chimney Butte			(D-x)	
Cody			(S-x)	
Crazy Woman		Lander		
	(D-x)	Laramie		
Douglas			(S-x)	
	(S-x)	Lusk		
	(S-x)			
Evanston			(S-x)	
Ferris		Moran		
	(S-x)		(S-x)	
	(S-x)		(S-x)	
Gillette		North Parkman, MT		(S-y)
			Wright	

- (y) Reissued matter filed under Transmittal No. 546 to become effective November 14, 1994.
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