

PSC MO. NO. 6

Consolidated Communications of Missouri Company, LLC  
d/b/a Fidium

Fourth Revised Adoption Notice  
Cancels Third Revised Adoption Notice (T)

**DIGITAL DATA TRANSMISSION SERVICE  
ADOPTION NOTICE**

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Consolidated Communications of Missouri Company, LLC d/b/a Fidium hereby adopts, ratifies and makes its own, in every respect as if the same had been originally filed by it, all tariffs, schedules, rules, regulations, notices and concurrences filed with the Public Service Commission, State of Missouri, by Consolidated Communications of Missouri Company d/b/a Consolidated Communications prior to August 26, 2025. By this notice, Consolidated Communications of Missouri Company, LLC d/b/a Fidium also adopts and ratifies all supplements or amendments to any of the above tariffs, schedules, etc., which FairPoint Communications Missouri, Inc. d/b/a Consolidated Communications and its predecessors have heretofore filed with said Commission.

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FILED - Missouri Public Service Commission - 09/26/2025 - IN-2026-0049 - JI-2026-0023

Issued: August 26, 2025

Effective: September 26, 2025

Michael J. Shultz, Sr. Vice President, Regulatory & Public Policy  
350 South Loop 336W  
Conroe, TX 77304

Consolidated Communications of Missouri Company, LLC  
d/b/a Fidium

Fifth Revised Title Sheet 1  
Cancels Fourth Revised Title Sheet 1

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**DIGITAL DATA TRANSMISSION SERVICE**

Consolidated Communications of Missouri Company, LLC d/b/a Fidium

(T)

INTRASTATE INTRALATA

DIGITAL DATA TRANSMISSION SERVICE

Applying to the Intrastate Services  
Of this Company in Missouri

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All references throughout this tariff to Cass County Telephone or FairPoint Communications Missouri, Inc. d/b/a Consolidated Communications, "the Telephone Company," or "the Company" shall be read as Consolidated Communications of Missouri Company, LLC d/b/a Fidium.

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SYMBOLS

Explanation of Symbols: C - To signify a changed regulation  
D - To signify a discontinued rate or regulation.  
I - To signify an increased rate.  
M - To signify a move in text from one area of the tariff to another but no change in rate treatment or regulation.  
N - To signify a new rate or regulation.  
R - To signify a reduced rate.  
T - To signify a change in text but no change in regulation.

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95 - 163  
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## DIGITAL DATA TRANSMISSION SERVICE

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TABLE OF CONTENTS

FEB 7 1996

TITLE SHEET

SYMBOLS

TABLE OF CONTENTS

APPLICATION OF TARIFF

B. GENERAL REGULATIONS

1. Undertaking of the Telephone Company

a. Scope

b. Limitations

c. Liability

d. Provision of Service Components

e. Service Guarantee

2. Use

a. Authorized Use

b. Unlawful Purposes

c. Resale of Use to Others

d. Shared Use

3. Obligation of the Customer

a. Customer Responsibilities

b. Rearrangements and Repairs

c. Transfer of Service

4. Payment Arrangements and Credit Allowances

a. Payment of Charges and Deposits

b. Cancellation for Cause

c. Minimum and Fractional Rates and Charges

d. Special Construction

e. Change in Service Arrangement

f. Suspension of Service

g. Temporary Surrender of a Service

h. Allowances for Interruptions

i. Cancellation of Application for Service

5. Definitions

6. Connections

a. General

b. Responsibility of the Customer

c. Responsibility of the Company

d. Violations of Regulations

e. Connection of Customer Premises Equipment  
and Communications Systems

f. Accessories

g. Channel Derivation Devices

h. Connection to Other Services Furnished by  
the Company to the Same Customer or  
Different Customers

Sheet

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Symbols 1

Table of Contents 1 A.

1

2

2

2

2

3

4

6

6

6

7

7

7

7

8

8

9

9

10

10

10

11

12

13

14

14

14

15

16

21

21

21

22

22

23

23

23

24

24

24

24

24

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Peculiar, MissouriAPR 1 1996  
9 5 - 1 6 3  
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## DIGITAL DATA TRANSMISSION SERVICE

RECEIVED

FEB 7 1996

## TABLE OF CONTENTS (Cont'd)

MISSOURI  
Public Service Commission  
Sheet

|                                                                                                         |    |
|---------------------------------------------------------------------------------------------------------|----|
| B. GENERAL REGULATIONS (Cont'd)                                                                         |    |
| 7. Method of Applying Rates                                                                             | 25 |
| a. General                                                                                              | 25 |
| b. Channels                                                                                             | 25 |
| c. Additional Service Features                                                                          | 26 |
| d. Exceptions                                                                                           | 26 |
| e. Determination of V-H Mileages                                                                        | 27 |
| 8. Special Taxes, Fees and Charges                                                                      | 28 |
| C. DIGITAL DATA 2.4, 4.8, 9.6, 19.2 or 56 Kbps SERVICE                                                  | 30 |
| 1. Service Description                                                                                  | 30 |
| 2. Service Availability                                                                                 | 30 |
| 3. Description and Application of Services                                                              | 31 |
| a. Channels                                                                                             | 31 |
| b. Additional Service Features                                                                          | 32 |
| 4. Rates for CASS COUNTY TELEPHONE Exchanges                                                            | 35 |
| a. Channels                                                                                             | 35 |
| b. Additional Service Features                                                                          | 37 |
| D. WIDEBAND DIGITAL SERVICE/1.544 MBPS                                                                  | 37 |
| 1. Service Description                                                                                  | 37 |
| 2. Service Availability                                                                                 | 38 |
| 3. Connection of Terminal Equipment or a Communications System to a Wideband Digital Service/1.544 MBPS | 39 |
| 4. Description and Application of Services                                                              | 40 |
| a. Local Distribution Channel                                                                           | 41 |
| b. Interexchange Interoffice Channel                                                                    | 41 |
| c. Optional Service Functions                                                                           | 42 |
| 5. Rates and Charges for CASS COUNTY TELEPHONE Exchanges                                                | 44 |
| a. Local Distribution Channel                                                                           | 44 |
| b. Interexchange Interoffice Channel                                                                    | 45 |
| c. Optional Service Functions                                                                           | 45 |

Issued: February 7, 1996

Effective: April 1, 1996

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FILED

APR 1 1996  
9 5 - 1 6 3  
MO. PUBLIC SERVICE COM.

## DIGITAL DATA TRANSMISSION SERVICE

~~RECEIVED~~TABLE OF CONTENTS (Cont'd)

FEB 7 1996

## E. VIDEO TRANSMISSION SERVICE

MISSOURI  
Public Service Commission

|                                                         |    |
|---------------------------------------------------------|----|
| 1. General . . . . .                                    | 46 |
| 2. Description . . . . .                                | 46 |
| a. Broadcast Quality . . . . .                          | 47 |
| b. Commercial Quality . . . . .                         | 48 |
| c. Business Quality . . . . .                           | 48 |
| d. Customer Provided Equipment . . . . .                | 49 |
| e. Rate Elements . . . . .                              | 49 |
| f. Ordering Service . . . . .                           | 51 |
| g. Video Transmission Service Access Line . . . . .     | 52 |
| h. Video Transmission Service Access Port . . . . .     | 52 |
| i. Video Transmission Service Transport . . . . .       | 53 |
| j. Video Transmission Service Utilization . . . . .     | 54 |
| k. Video Transmission Service Premium Service . . . . . | 54 |
| l. Special Construction . . . . .                       | 55 |
| 3. Regulations . . . . .                                | 55 |
| a. Responsibilities of the Company . . . . .            | 55 |
| b. Limitations/Availability . . . . .                   | 56 |
| c. Application of Rates . . . . .                       | 57 |
| 4. Rates and Charges . . . . .                          | 72 |

Issued: February 7, 1996

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95 - 163  
MO. PUBLIC SERVICE COMM

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A. APPLICATION OF TARIFF

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1. This tariff is applicable to the following Missouri exchanges:
- |           |             |
|-----------|-------------|
| Cleveland | East Lynne  |
| Creighton | Garden City |
| Drexel    | Peculiar    |

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95 - 163

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## B. GENERAL REGULATIONS

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## 1. Undertaking of the Company

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## a. Scope

- 1) This Tariff section contains the general regulations and definitions governing Digital Data Transmission Service furnished by the Company.
- 2) Digital Data Transmission Service is the furnishing of Company service components for communication between specified locations all within Local Access and Transport Areas (LATA's) of the State of Missouri, 24 hours daily, seven days per week. Service components may be those of the Company only or those of the Company and other companies.
- 3) The Company does not undertake to transmit messages, but offers the use of its service components, where available, to customers for such purposes.

## b. Limitations

- 1) The use and restoration of service shall be in accordance with the Federal Communications Commission's Rules and Regulations which specifies the priority system for such activities.
- 2) The furnishing of service under this Tariff will require certain physical arrangements of the service components of the Company and is, therefore, subject to the availability of such service components.
- 3) Digital Data Transmission Service may be limited in order to comply with orders issued under wartime authority of the President of the United States.

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9 5 - 1 6 3  
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## B. GENERAL REGULATIONS (Cont'd)

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## 1. Undertaking of the Company (Cont'd)

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## c. Liability

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- 1) The Company shall not be liable for damages arising out of mistakes, omissions, interruptions, delays or errors or defects in transmission occurring in the course of furnishing service hereunder where the same is caused by the negligence of the customer or user. Any liability of the Company for damages arising out of any of the foregoing or for failing to maintain proper standards of maintenance and operation or for failing to exercise reasonable supervision shall, in no event, exceed an amount equivalent to the proportionate charge to the customer for the period of service during which such mistake, omission, interruption, delay or error or defect in transmission occurs.
- 2) The Company shall be indemnified and saved harmless by the customer or user against:
  - a) Claims for libel, slander and infringement of copyright arising from the material transmitted over the service components;
  - b) Claims for infringement of patents arising from combining with, or using in connection with, service components furnished by the Company, apparatus and systems of the customer or user; and
  - c) All other claims arising out of any act of omission of the customer or user in connection with the service components provided by the Company.

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## B. GENERAL REGULATIONS (Cont'd)

## 1. Undertaking of the Company (Cont'd)

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## c. Liability (Cont'd)

- 3) The Company does not guarantee nor make any warranty with respect to service components provided by it for use in an explosive atmosphere. The customer or user indemnifies and holds the Company harmless from any and all loss, claims, demands, suits or other action or any liability whatsoever, whether suffered, made, instituted or asserted by the customer or user or by any other party or persons for any personal injury to or death of any person or persons and for any loss, damage or destruction of any property, whether owned by the customer or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of said service components so provided.

The Company will require each customer to sign an agreement for the furnishing of such service components as a condition precedent to the furnishing of such service components.

- 4) The Company is not liable for any defacement of or damage to the premises of a customer (or user) resulting from the furnishing of channel service components or the attachment of the associated wiring furnished by the Company on such premises or by the installation or removal thereof, when such defacement or damage is not the result of negligence of the agents or employees of the Company.

## d. Provision of Service Components

- 1) The Company will provide all service components necessary for Digital Data Transmission Service up to the demarcation point (interface) of the channel. The customer will be responsible for providing his own terminal equipment, customer-provided derivation equipment or communications system for use with such service as specified in this Tariff.

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## B. GENERAL REGULATIONS (Cont'd)

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## 1. Undertaking of the Company (Cont'd)

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## d. Provision of Service Components (Cont'd)

- 2) Digital Data Transmission Service furnished by the Company will be provided at the rates contained in this Tariff where service components and operating conditions permit. Where service components are not available and unusual expenditures are involved in making them available, the customer may be required to pay additional charges to cover the unusual expenditure in accordance with Section B.4.d of this Tariff, or contract beyond the initial period, or both.
- 3) The charges specified in this Tariff do not contemplate installation, maintenance or repair work being performed by the Company employees involved at a time when overtime wages apply as a result of customer requests, nor do they contemplate work once begun being interrupted by the customer.

If the customer requests that labor be performed at hours of the day or days of the week other than normal work hours or days, or on holidays, or interrupts work once begun, an additional charge based on the additional costs involved applies. Such charges do not apply if sufficient advance notice is given so that employees' work schedules can be changed. The additional charge does not apply to overtime or premium time worked at the Company's convenience.

In situations where the customer requests that "standby" Company personnel be provided for installation or maintenance irrespective of when such "standby" workmen are provided, the additional estimated cost of providing such "standby" personnel will be billed to the customer.

- 4) When the customer requires the modification of standard service components not otherwise provided in this Tariff, the modification can be furnished by the Company at additional rates and charges, provided the modification is in connection with and not detrimental to any of the services furnished in this Tariff.

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## B. GENERAL REGULATIONS (Cont'd)

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## 1. Undertaking of the Company (Cont'd)

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## e. Service Guarantee

This service is guaranteed to provide an average performance of at least 99.5 percent error-free seconds up to the demarcation point (interface) of the channel for operation at all transmission speeds offered in this Tariff. When Digital Data Transmission Service is operating at an error performance level that is unsatisfactory to the customer, and the Company determines that the error performance level is below that specified above, the period of substandard performance will be considered as an interruption, and a credit allowance will be made in accordance with provisions in Section B.4.h.3) of this Tariff. All such credit allowances shall begin from the time of notice by the customer or user to the Company that an unsatisfactory performance level has occurred, provided that the customer promptly releases the service as requested by the Company to perform testing and maintenance.

## 2. Use

Digital Data Transmission Service may be used for the purposes specified in Section B.2.a., following.

## a. Authorized Use

- 1) Digital Data Transmission Service may be used for transmission of communications relating directly to the business of the subsidiary corporations over which the customer exercises control through the ownership of more than 50 percent of the voting stock.

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## B. GENERAL REGULATIONS (Cont'd)

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## 2. Use (Cont'd)

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## b. Unlawful Purposes

The service is furnished subject to the condition that it will not be used for any unlawful purpose. Service will be discontinued forthwith if any law enforcement agency, acting within its apparent jurisdiction, advises in writing that such service or channels are being used in violation of law. The Company will refuse to furnish service when it has reasonable grounds to believe that such service will be used in violation of the law.

## c. Resale of Use to Others

Digital Data Transmission Service shall not be used for any purpose for which payment or other consideration, direct or indirect, shall be received by the customer. The foregoing does not apply to a Composite Data Service Vendor's premises where one type of service may be provided for the exclusive use of the Composite Data Service Vendor's management or employees and other type of service may be provided for the use of the Composite Data Service Vendor as defined in the Federal Communications Commission's Rules and Regulations.

## d. Shared Use

- 1) A user must have a service point on the service, and the service point must be located on the premises of the user and connected to the service by means of a separate access channel, except that these requirements do not apply to a user of a service with respect to his use of digital bit streams created by customer- (or user-) provided derivation equipment, provided the customer or user has a service point on the line connected to such equipment in accordance with Section B.6.b., following.

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## B. GENERAL REGULATIONS (Cont'd)

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## 2. Use (Cont'd)

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## d. Shared Use (Cont'd)

- 2) The Company shall not be responsible for the manner in which the use of service will be allocated. Orders which involve the start, rearrangement, release or discontinuance of service will be accepted by the Company only from the customer.
- 3) The charges for Digital Data Transmission Service shall be determined as provided in this Tariff, and all charges for the service will be billed to the customer. The charges allocated by the customer for Digital Data Transmission Service shall not exceed the total charge billed to the customer by the Company.

## 3. Obligations of the Customer

## a. Customer Responsibilities

The customer shall be responsible for:

- 1) Damages to service components of the Company caused by the negligence or willful act of the customer and not due to ordinary wear and tear or other causes beyond the control of the customer.
- 2) Reimbursing the Company for any loss through theft of the service components on the customer's premises.
- 3) The provision, installation and maintenance of sealed conduit with explosive-proof fittings between service components furnished by the Company in explosive atmospheres and points outside the hazardous area where connection may be made with regular service components of the Company and may be required to install and maintain Company service components within the hazardous area if, in the opinion of the Company, injury or damage to Company employees or property might result from installation or maintenance by the Company.

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## B. GENERAL REGULATIONS (Cont'd)

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## 3. Obligations of the Customer (Cont'd)

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## a. Customer Responsibilities (Cont'd)

- 4) Obtaining permission for Company agents or employees to enter the premises of the customer at any reasonable hour for the purpose of installing, inspecting, repairing or, upon termination of the service, removing the service components of the Company.
- 5) Service components on the customer's premises shall be and remain the property of the Company.

## b. Rearrangements and Repairs

A customer may not rearrange, disconnect, remove or attempt to repair or permit others to rearrange, disconnect, remove or attempt to repair any service components or wiring installed by the Company, except upon the written consent of the Company.

## c. Transfer of Service

Service furnished to one customer may be assumed by a new customer upon due notice of cancellation or abandonment, provided there is no lapse in service. The new customer must assume all the obligations of the previous customer. Such transfers are not subject to nonrecurring charges if the service is assumed exactly as provided to the previous customer.

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## B. GENERAL REGULATIONS (Cont'd)

## 4. Payment Arrangements and Credit Allowances

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## a. Payment of Charges and Deposits

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## 1) Advance Payments

Applicants for service who have no account with the Company or whose financial responsibility is not a matter of general knowledge, may be required to make an advance payment at the time an application for service is placed with the Company, equal to the nonrecurring charges, if applicable, and at least one month's charges for the service provided. The amount of the advance payment is credited to the customer's account as applying to any indebtedness of the customer for the service furnished.

## 2) Payment for Service

The customer is responsible for payment of all charges as specified in this Tariff for services furnished the customer. Nonrecurring charges are payable upon request.

## 3) Deposits

The Company may require an applicant or a present customer to post a deposit in accordance with the provisions of the General Regulations Applying to Establishment and Furnishing of Service in the General and Local Exchange Tariff.

## b. Cancellation for Cause

The Company shall be authorized to discontinue service upon notice from any official charged with the enforcement of the law stating that such service is being used as an instrumentality to violate the law.

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## B. GENERAL REGULATIONS (Cont'd)

## 4. Payment Arrangements and Credit Allowances (Cont'd)

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## c. Minimum and Fractional Rates and Charges

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- 1) The minimum service period is one month, except when the cost of special construction is such as to necessitate a longer contract period.
- 2) If the period of use exceeds one month, the charges for the fractional part of a month following and consecutive with a full month will be a proportionate part of the monthly charges based on the actual number of days the service components are furnished. For the purpose of administering this regulation with respect to the determination of charges for a fractional part of a month, every month is considered to have 30 days.

The applicable charges for a Digital Data Transmission Service, or any component thereof, including additions to an existing service, shall commence on the day after service is furnished and will continue to accrue through and include the day on which such service is discontinued.

When an existing Digital Data Transmission Service, or any component thereof, is changed or rearranged at the request of the customer without the addition of service components, access lines or channels, any revision in charges necessitated thereby shall commence on the same day that the change or rearrangement is completed.

- 3) In applying a rate involving a fraction of a cent, the fraction is carried through the entire computation of the charge for the service. When the charge so computed includes a fraction of a cent, a fraction of less than one-half cent is disregarded and a fraction of one-half cent or more is treated as one cent.

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## B. GENERAL REGULATIONS (Cont'd)

## 4. Payment Arrangements and Credit Allowances (Cont'd)

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## d. Special Construction

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- 1) Rates and charges for special construction will be based on estimated costs incurred by the Company and may include: (1) nonrecurring-type charges, (2) recurring-type charges, (3) termination liabilities, (4) or combination thereof. Special construction rates and charges are in addition to rates and charges for Digital Data Transmission Service in this Tariff.
- 2) Special construction is that construction undertaken:
  - a) Where service components are not presently available, and there is no other requirement for the service components so constructed.
  - b) Of a type other than that which the Company would normally utilize in the furnishing of its services.
  - c) Over a route other than that which the Company would normally utilize in the furnishing of its services.
  - d) In a quantity greater than that which the Company would normally construct to serve the customer's needs.
  - e) On a temporary basis until permanent service components are available.
  - f) Involving abnormal costs.
  - g) In advance of its normal construction on an expedited basis.

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## B. GENERAL REGULATIONS (Cont'd)

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## 4. Payment Arrangements and Credit Allowances (Cont'd)

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## d. Special Construction (Cont'd)

- 3) Where special construction of service components has been started prior to the cancellation, and there is no other requirement for the specially constructed service components, a charge equal to the costs incurred in the special construction, less net salvage, applies, except that where one or more, but not all, of the services involved in the special construction are canceled, a charge equal to the cost, less net salvage, incurred for the discontinued services applies instead. Net salvage is determined based on the value of reusable material, less cost of removal. In determining the charge, each canceled service is treated as discontinued as of the date on which it was to have been placed in service.
- 4) Installation or special construction of service components for a customer is considered to have started when the Company incurs any expense in connection therewith, or in preparation therefore, which would not otherwise have been incurred; provided the customer has advised the Company to proceed with the installation or special construction.
- 5) No charge applies where special construction has been started prior to cancellation, and it is determined by the Company that there is another requirement for the service components.
- 6) No charge applies where the applicant cancels an application for service prior to the start of special construction of service components.

## e. Change in Service Arrangement

The nonrecurring charge for the applicable operating speed applies when the customer requests a change in service arrangement that results in a change in operation of the service components provided by the Company.

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## B. GENERAL REGULATIONS (Cont'd)

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## 4. Payment Arrangements and Credit Allowances (Cont'd)

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## f. Suspension of Service

Upon request of the customer, service will be suspended without cancellation at any time after the minimum period of service. Service will be suspended for a period of not less than two weeks and billing shall continue at the full rate. For the purposes of this paragraph, the minimum service period shall be computed from the initial establishment of service or from the date the service was last restored from suspension.

## g. Temporary Surrender of a Service

When, at the request of the Company, a service is temporarily surrendered by the customer for other than maintenance purposes, credit will be allowed, the amount of which will be determined in the same manner as for an allowance for interruptions.

## h. Allowance for Interruptions

If the service is interrupted other than by the negligence or willful act of the customer, an allowance, as provided following, at the rate for that portion of the customer's service affected by the interruption shall be made for the time such interruption continues after the fact is reported by the customer or detected by the Company.

- 1) No credit is allowed for interruption of less than 24 hours (except for interruptions pursuant to Temporary Surrender of Service). Credit is allowed for the proportionate part of the monthly charge in multiples of one day for each 24 hours of interruption for the portion of the service rendered inoperative.
- 2) For purposes of administering this regulation with respect to the determination of allowances for a fractional part of a month, every month is considered to have 30 days.

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## B. GENERAL REGULATIONS (Cont'd)

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## 4. Payment Arrangements and Credit Allowances (Cont'd)

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## h. Allowances for Interruptions (Cont'd)

- 3) For periods of substandard performance as specified in Paragraph B.1.e of this Tariff, credit allowance from the time of notice by the customer shall be provided as follows:

| <u>Length of Interruptions</u> | <u>Credit</u> |
|--------------------------------|---------------|
| Less than 30 minutes           | None          |
| 30 minutes up to 2 hours       | 1/10 day      |
| 3 hours up to 6 hours          | 1/5 day       |
| 6 hours up to 9 hours          | 2/5 day       |
| 9 hours up to 12 hours         | 3/5 day       |
| Over 12 hours                  | One day       |

## i. Cancellation of Application for Service

Where installation of service components, other than those provided by special construction, has been started prior to the cancellation, the charge specified in Paragraphs (A) or (B), following, whichever is lower, applies.

- 1) A charge equal to the estimated costs incurred in such installation, less estimated net salvage.
- 2) The charge for the minimum period of service ordered by the customer is provided in this Tariff plus the full amount of any termination charges applicable.
- 3) Installation of service components for a customer is considered to have started when the Company incurs any expense, including engineering, in connection therewith, or in preparation therefore, which would not otherwise have been incurred, provided the customer has placed an order with the Company for provision of service.

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9 5 - 1 6 3  
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## DIGITAL DATA TRANSMISSION SERVICE

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## B. GENERAL REGULATIONS (Cont'd)

## 5. Definitions

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ACCESSORIES - Devices which are mechanically attached to, or used with, the service components furnished by the Company and which are independent of, and not electrically, acoustically or inductively, connected to, the conductors in the communications path of the Company's service components.

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ASYNCHRONOUS TRANSFER MODE (ATM) - A very high speed, cell based, switched, broadband transmission technology based on a fixed-length 53 byte cell.

BIT - The smallest unit of information in the binary system of notation.

CELL - The smallest unit of transport associated with an ATM network. A cell is composed of 53 bytes.

CHANNEL - A path (or paths) for intraLATA digital transmission between a customer's premises and a Digital Hub, or between Digital Hubs. A channel is comprised of local distribution and interoffice sections as required. A channel may be furnished in such manner as the Company may elect, whether by wire, radio or a combination thereof and whether or not by means of a single physical facility or route.

CHANNEL SERVICE UNIT - Denotes service components provided by the customer to terminate Digital Data Transmission Service at a customer's premises.

CODEC - A piece of equipment for CODing and DECoding analog video signals to or from a digital signal.

COMPANY - CASS COUNTY TELEPHONE

COMPOSITE DATA SERVICE - The combined use of terminal and data switching equipment provided by a Composite Data Service Vendor with the use of telecommunications services of the Company to perform data switching for others.

COMPOSITE DATA SERVICE VENDOR - A customer that has been certified by the proper state or municipal regulatory body, and/or the Federal Communications Commission pursuant to Section 214 of the Communications Act of 1934, as amended, to acquire and operate service components to perform data switching for others. A customer shall be classified as a Composite Data Service Vendor only with respect to use of those exchange services which are utilized for the provision of Composite Data Service.

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## B. GENERAL REGULATIONS (Cont'd)

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## 5. Definitions (Cont'd)

CONNECTING COMPANY - A corporation, association, firm or corporation owning and operating one or more exchanges and with whom traffic is interchanged.

CUSTOMER - The person, firm or corporation which orders service and is responsible for the payment of charges and compliance with Company regulations. A customer for Digital Data Transmission Service must have a communication requirement of his own for its use, except where:

- The customer is a Composite Data Service Vendor; or
- The service is provided for the transmission of communications relating directly to the business of a subsidiary corporation over which the customer exercises control through ownership of more than 50 percent of the voting stock; or
- The customer for Digital Data Transmission Service orders the addition of service points to meet the communications requirements of a user of such service and such additional service points are required.

CUSTOMER-PROVIDED COMMUNICATIONS SYSTEM - Denotes facilities provided by a customer or user which are capable, when not connected to Digital Data Transmission Service, of communications between customer-provided terminal equipment.

CUSTOMER PREMISES EQUIPMENT - Communications devices, apparatus and their associated wiring provided by a customer or user which do not constitute a communications system.

DATA SERVICE UNIT - A service component which performs the processing functions, such as coding and decoding of signals, timing recovery, synchronous sampling, formatting and the generation and recognition of control signals. The Data Service Unit is not a component of Digital Data Transmission Service and is considered Customer Premises Equipment.

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95 - 163  
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## B. GENERAL REGULATIONS (Cont'd)

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## 5. Definitions (Cont'd)

DATA SWITCHING - As used in connection with Composite Data Service, denotes the switching of data (non-voice) messages by the interchange, controlling and routing of data messages between two or more service points via communications service components wherein the information content of the message remains unaltered.

DIGITAL CROSS CONNECT - The Digital Cross Connect provides per channel electronic cross-connection and test access to digital video signals.

DIGITAL HUB - Designated Company office where Digital Data Transmission Service channels are interconnected. Synchronous network timing, testing access and Additional Service Features are provided at the Digital Hub.

DUPLEX - An operation which permits customers to communicate in both directions simultaneously.

EXCHANGE - Denotes a unit established by the Company or a connecting company for the administration of telecommunications service in a specified area which usually embraces a metropolitan area, city, town or village and its environs. It consists of one or more serving offices together with the associated plant used in furnishing communications service within that area.

GIGACELL - One billion cells.

INTERFACE - Denotes that point at the premises of the customer at which provision is made for connection of other than Company-provided service components to service components provided by the Company. The Company-provided Channel Service Unit is the interface between the Digital Data Transmission Service channel and Customer Premises Equipment.

INTEREXCHANGE CUSTOMER(S) (IC) - Denotes any individual, partnership, association, corporation, or governmental agency or any other entity which subscribes to the services offered under the Access Services Tariff to provide intrastate telecommunications services for its own use or for the use of its customers (End Users).

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## DIGITAL DATA TRANSMISSION SERVICE

## B. GENERAL REGULATIONS (Cont'd)

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## 5. Definitions (Cont'd)

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INTEROFFICE SECTION - A two-point transmission path between a Serving Office and a Digital Hub.

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INTRALATA - Digital Data Transmission Service (DDTS) where the originating service point location and the terminating service point location are all within the same Local Access and Transport Area (LATA).

KILOCELL - One thousand cells.

LOCAL ACCESS AND TRANSPORT AREA (LATA) - The Local Access and Transport Area denotes a geographical area established for the administration of communications service. It encompasses designated local operating telephone company exchanges which are grouped to serve common social economic and miscellaneous purposes.

LOCAL DISTRIBUTION SECTION - A two-point transmission path between a customer's premises and a Serving Office.

MOVE - As used in connection with the application of move charges for Digital Data Transmission Service, denotes a change in the physical location (whether on the same or different premises), when made at the request of the customer without discontinuance of service, of service components provided by the Company.

PATRON - As used in connection with Composite Data Service, denotes a subscriber to the data switching services of a Composite Data Service Vendor.

PREMISES - All portions of the same building occupied by the same customer, provided that:

- The portions are not separated from each other by intervening offices, rooms or suites not occupied by the customer.
- The portions on different floors are contiguous and that the portion on the upper floor is directly above the portion occupied on the lower floor.

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## B. GENERAL REGULATIONS (Cont'd)

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## 5. Definitions (Cont'd)

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PREMISES (Cont'd)

All of the buildings are located on one continuous plot of which plot is owned and/or held under separate lease by the same customer, and the buildings are not separated by a public thoroughfare which is governmentally owned.

SERVING OFFICE - The office from which a customer would normally be served for Local Exchange Telephone Service. The Local Distribution Section and Interoffice Section between the customer's premises and the Digital Hub are interconnected at the Serving Office. Where the Serving Office is not located in the service area, a theoretical location has been established by the Company for billing purposes.

SERVICE POINT - When used in connection with Digital Data Transmission Service, service point denotes a point on a customer's premises at which a Digital Data Transmission Service channel is terminated.

SWITCHED POINT OF TERMINATION (SPOT) - A Switched Point of Termination is a location to which a video session is terminated (connected) by means of the switched video network. The SPOTs generally vary from session to session.

USER - A person, firm or corporation designated by the customer as a user of Digital Data Transmission Service furnished to the customer and who may share such service with the customer in accordance with tariff provisions. A user must be specifically named in the customer's application for service.

VIDEO MULTI POINT CONTROL UNIT (MCU) - A network switching device that provides for the switching of video signals from one site to another.

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95 - 163

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## B. GENERAL REGULATIONS (Cont'd)

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## 6. Connections

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## a. General

Customer Premises Equipment and Communications Systems provided by the customer may be connected at the customer's premises to Digital Data Transmission Service furnished by the Company where such connections are made in accordance with applicable provisions of this Tariff and the Connections of Terminal Equipment and Communications Systems Section of the General and Local Exchange Tariff.

## b. Responsibility of the Customer

- 1) The customer shall be responsible for the installation, operation and maintenance of Customer Premises Equipment or Communications System. No combination of Customer Premises Equipment or Communications System shall require change in, or alteration of, the services of the Company, cause electrical hazards to Company personnel, damage to Company service components, malfunction of Company billing equipment or degradation of service to persons other than the user of the subject Customer Premises Equipment or Communications System. Upon notice from the Company that Customer Premises Equipment or Communications System is causing such hazard, damage, malfunction or degradation of service, the customer shall make such changes as shall be necessary to remove or prevent such hazard, damage, malfunction or degradation of service.
- 2) The customer shall be responsible for the payment of a Maintenance of Service charge for each repair visit to a premises of the customer or the premises of any other customer where the service difficulty or trouble results from the use of equipment or service components provided by the customer.

The Maintenance of Service charge for CASS COUNTY TELEPHONE can be found in Section 5 of the General and Local Exchange Tariff.

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## B. GENERAL REGULATIONS (Cont'd)

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## 6. Connections (Cont'd)

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## b. Responsibility of the Customer (Cont'd)

- 3) The customer shall be responsible for ordering and specifying the type of Digital Data Transmission Service required for operation with Customer Premises Equipment or Communications Systems provided by the customer.
- 4) Where a customer elects to connect a customer-provided communications system to Digital Data Transmission Service, the customer shall be responsible for:
  - a) Compatibility of the connected communications system to Digital Data Transmission Service. This includes the replacing of Channel Service Units due to technological changes in the network.
  - b) Testing and sectionalization and clearance of trouble conditions or service difficulties on any communications system which is connected to Digital Data Transmission Service.

## c. Responsibility of the Company

- 1) Digital Data Transmission Service is not represented as adapted to the use of the Customer Premises Equipment or Communications Systems. Where such Customer Premises Equipment or Communications Systems are used with Digital Data Transmission Service, the responsibility of the Company shall be limited to the furnishing of service components suitable for Digital Data Transmission Service and to the maintenance and operation of such service components in a manner proper for such digital service. Subject to this responsibility, the Company shall not be responsible for: (1) the through transmission of signals generated by the Customer Premises Equipment or Communications System or for the quality of, or defects in, such transmission, or (2) the reception of signals by Customer Premises Equipment or Communications Systems or (3) damage to Customer Premises Equipment or Communications Systems due to testing.

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9 5 - 1 6 3

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## B. GENERAL REGULATIONS (Cont'd)

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## 6. Connections (Cont'd)

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## c. Responsibility of the Company (Cont'd)

- 2) The Company will, at the customer's request, provide information concerning interface parameters needed to permit Customer Premises Equipment to operate in a manner compatible with Digital Data Transmission Service.
- 3) The Company shall not be responsible for modification, alteration or replacement of Customer Premises Equipment or Communications Systems rendered inoperative or obsolete by changes in service components, operations or procedures of the Company used in providing Digital Data Transmission Service.

## d. Violation of Regulations

When any Customer Premises Equipment or Communications System is used with Digital Data Transmission Service in violation of any of the provisions in this Section, the Company will take such immediate action as necessary for the protection of the telecommunications network and Company employees and will promptly notify the customer of the violation. The customer shall take such steps as are necessary to discontinue such use of the Customer Premises Equipment or Communications System or correct the violation and shall confirm in writing to the Company within ten days, following the receipt of written notice from the Company, that such use has ceased or that the violation has been corrected. Failure to discontinue such use or to correct the violation and to give the required written confirmation to the Company within the time stated above shall result in suspension of the customer's service until such time as there is compliance with the provisions of this Tariff.

## e. Connections of Customer Premises Equipment and Communications Systems

The customer shall be responsible for ordering and specifying the type of service requested. The undertaking of the Company is to furnish Digital Data Transmission Service as ordered and specified by the customer.

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APR 1 1996  
95 - 163  
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## B. GENERAL REGULATIONS (Cont'd)

FEB 7 1996

## 6. Connections (Cont'd)

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## f. Accessories

Accessories provided by customers may be used with Digital Data Transmission Service provided that such accessories comply with the provisions of Paragraph B.6.b, preceding.

## g. Channel Derivation Devices

- 1) Customer-provided channel derivation devices that are used to create additional channels in accordance with Sections B.6.g 2) and 3), following, may be connected to Digital Data Transmission Service subject to Section B.6.b, preceding.
  - 2) Subject to the normal transmission characteristics of the Digital Data Transmission Service ordered, the customer may create additional channels; digital bit streams, from the service ordered through the use of channel derivation equipment located at the customer's premises.
  - 3) The Company makes no representation as to: (1) the suitability of the channels provided by it for such subdivision into additional channels by derivation equipment or (2) the suitability of the resultant-derived channels for any communications purpose.
  - 4) Additional channels derived by this equipment may be connected at the customer's premises to Local Exchange Telephone Service, Private Line Service, Long Distance Message Telecommunications Service and Wide Area Telecommunications Service in accordance with provisions for such connections in Company tariffs for these other services.
- h. Connection to Other Services Furnished by the Company to the Same Customer or Different Customers

Digital Data Transmission Service provided by the Company may be connected to another Digital Data Transmission Service or the following other services provided by the Company at the customer's premises:

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95 - 163  
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## B. GENERAL REGULATIONS (Cont'd)

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## 6. Connections (Cont'd)

- h. Connection to Other Services Furnished by the Company to the Same or Different Customers (Cont'd)
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- General and Local Exchange Telephone Service
- Private Line Service
- Long Distance Message Telecommunications Service
- Wide Area Telecommunications Service

## 7. Method of Applying Rates

## a. General

The method of applying rates for Digital Data Transmission Service channels and Additional Service Features is provided in this Section.

## b. Channels

## 1) Access Channels to a Digital Hub

## a) Local Distribution Section

A Local Distribution Section charge for the requested transmission speed shall apply for each termination on the premises of a customer.

## b) Interoffice Section

Interoffice Section mileage charges for the requested transmission speed shall apply for each termination of a corresponding Local Distribution Section on the premises of a customer.

Charges are based on the Vertical and Horizontal (V-H) distance between the Digital Hub and the Serving Office within the same LATA for the customer. The appropriate rate schedule for the mileage band corresponding to the V-H distance between the Digital Hub and the Serving Office should be used. A fixed charge for the requested transmission speed will be applied per each Interoffice Section.

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APR 1 1996

95 - 163

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## B. GENERAL REGULATIONS (Cont'd)

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## 7. Method of Applying Rates (Cont'd)

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## b. Channels (Cont'd)

## 2) Channels Between Digital Hubs

Mileage charges for the requested transmission speed shall apply for each channel required to connect access channels in different Digital Hubs that are within the same LATA. Charges are based on the V-H distance between Digital Hubs. A fixed charge for the requested transmission speed will be applied per each channel.

## 3) Nonrecurring Charges

A charge applies per each termination of a Local Distribution Section installed or moved on the premises of a customer.

## c. Additional Service Features

## Multistation Arrangement

A Multistation Arrangement Charge is applied per each channel connected when three or more channels are connected at a Digital Hub. The Multistation Arrangement is used to inter-connect three or more access channels to a Digital Hub and/or channels between Digital Hubs.

## d. Exceptions

1) In those cases where one customer premises involved in an intraLATA interexchange Digital Data Transmission Service is located in a different Local Exchange Company's operating territory than the other premises location(s) associated with the service, the method of applying rates will be as follows:

a) The service components for that portion of the intraLATA interexchange Digital Data Transmission Service located wholly within each exchange will be rated pursuant to that General and Local Exchange Company's tariff.

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9 5 - 1 6 3  
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## B. GENERAL REGULATIONS (Cont'd)

## 7. Method of Applying Rates (Cont'd)

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## d. Exceptions (Cont'd)

## 1) (Cont'd)

b) The rate for the applicable intraLATA interexchange per mile mileage will be the rate in each Local Exchange Company's tariff. Each Local Exchange Company's charge for the per mile mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Company's per mile rate for the airline (V-H) mileage between the primary serving office of each Local Exchange Company.

## e. Determination of V-H Mileages

The rate distances for Digital Data Transmission Service channels should be determined as follows:

## 1) Determination of V-H Coordinates

## Access Channels to a Digital Hub

The rate distance is measured between the Digital Hub and the Serving Office within the same LATA for the Interoffice Section. The V-H coordinates for respective Serving Offices are the same as used for mileage calculations in the Private Line Service Tariff.

## 2) Calculation of V-H Mileage

a) Determine the difference between the "V" coordinates for the Digital Hub and the Serving Office within the same LATA. Similarly, determine the difference between the respective "H" coordinates. The difference is always determined by subtracting the smaller coordinate from the larger.

b) Square each difference obtained in Item a), above.

c) Add the squares of the "V" difference and the "H" difference obtained in Item b), above.

d) Divide the sum of the squares obtained in Item c), above, by 10.

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APR 1 1996  
95 - 163  
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## B. GENERAL REGULATIONS (Cont'd)

FEB 7 1996

## 7. Method of Applying Rates (Cont'd)

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## e. Determination of V-H Mileages (Cont'd)

## 2) Calculation of V-H Mileage (Cont'd)

- e) Obtain the square root of the result obtained in Item d), above. This distance is the rate distance in V-H miles. Fractional mileage distances should be rounded to the next higher full mile.

Example:

Access channel to a Digital Hub

|                                        | <u>V</u>    | <u>H</u>    |
|----------------------------------------|-------------|-------------|
| St. Louis Digital Hub                  | 6807        | 3482        |
| Ladue "569" Serving Office             | <u>6817</u> | <u>3517</u> |
| Difference                             | 10          | 35          |
| Sum of the squares = 100 + 1225 = 1325 |             |             |

$$\sqrt{\left(\frac{1325}{10}\right)} = 11.5 = 12 \text{ V-H Miles}$$

## 8. Special Taxes, Fees and Charges

- a. There shall be added to the customer's bill or charge as a part of the rate for service a surcharge equal to the pro rata share of any franchise, occupation, business, license, excise, privilege or other similar tax, fee or charge (hereafter called "tax") now or hereafter imposed upon the Company by any taxing body or authority, whether by statute, ordinance, law or otherwise, and whether presently due or to hereafter become due.

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95 - 163  
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## B. GENERAL REGULATIONS (Cont'd)

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## 8. Special Taxes, Fees and Charges (Cont'd)

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- b. On and after the effective date thereof, any subsequent increase, decrease, imposition or determination of liability for such taxes, fees or charges, as described above, shall be applied in the manner provided below to the customer's bill or charge on each individual billing date.
- c. When such a tax or taxes are imposed in terms of a flat sum payment of money, the surcharge applicable to each customer's bill or charge, as the pro rata share of such taxes described above, shall be determined by relating the flat sum payment to the total local exchange revenues within the jurisdiction of the taxing body; the fraction so described shall be converted to a percentage; the local exchange rate shall be increased by that percentage and applied to the customer's bill or charge so that the amount added, when accumulated from all customers residing in the geographic jurisdiction of the body, will equal the amount of the flat sum payment.
- d. When such tax or taxes are imposed in terms of a percentage of revenues or gross receipts, the surcharge applicable to each customer's bill or charge as the pro rata share of such taxes described above shall be determined by dividing the tax expressed as a percentage by 100 percent minus the tax expressed as a percentage and multiplying the decimal thus obtained by the customer's charges to which such tax applies.

$$\frac{\text{Tax}\%}{(100\% - \text{Tax}\%)} \times \text{Taxable Charges}$$

- e. The tariff charge constituting the amount of the surcharge provided for herein shall be stated separately on each customer's bill.
- f. Where more than one tax, fee or charge is imposed by a taxing body or authority, the total of such surcharge applicable to a customer may be billed to the customer as a single amount.

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C. DIGITAL DATA 2.4, 4.8, 9.6, 19.2 or 56 Kbps SERVICE

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## 1. Service Description

Digital Data Transmission Service provides channels suitable for duplex transmission of synchronous digital signals at transmission speeds of 2.4, 4.8, 9.6, 19.2 or 56 Kilobits per second (Kbps) between two customer premises within the same LATA. This service is guaranteed to provide an average performance of at least 99.5 percent error-free seconds for operation at all transmission speeds offered in this Tariff.

Additional Service Features provided at Digital Hubs are available to improve the utility of Digital Data Transmission Service channels.

The service is furnished for duplex operation on a 24-hours-per-day, seven-days-per-week basis for a minim period of one month.

## 2. Service Availability

Digital Data Transmission Service is available to customers within specific exchanges where the Company determines that access to a Digital Hub can be provided.

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95-163

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## DIGITAL DATA TRANSMISSION SERVICE

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C. DIGITAL DATA 2.4, 4.8, 9.6, 19.2 or 56 Kbps SERVICE (Cont'd) FEB 7 1996

## 3. Description and Application of Services

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Digital Data Transmission Service channels provide the transmission paths for digital signals between two or more customer locations within the same LATA. Access to a Digital Hub from a customer's premises requires the application of Local Distribution Section and Interoffice Section rate elements provided for this purpose. In cases where customer locations access different Digital Hubs within the same LATA, channels between Digital Hubs require the application of the rate element provided for this purpose.

Rate elements for Additional Service Features should be applied when these features are used in conjunction with Digital Data Transmission Service channels at the Digital Hub.

## a. Channels

## Access Channels to a Digital Hub

## - Local Distribution Section

This rate element represents a two-point transmission path between a customer's premises and that premises' serving office. Local Distribution Sections suitable for synchronous data rates of 2.4, 4.8, 9.6, 19.2 and 56 Kbps, respectively, are provided.

## - Interoffice Section

This rate element represents a two-point transmission path between a Digital Hub and a serving office within the same LATA where Digital Data Transmission Service is available. Interoffice Sections suitable for synchronous data rates of 2.4, 4.8, 9.6, 19.2 and 56 Kbps, respectively, are provided.

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APR 1 1996  
95 - 163  
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C. DIGITAL DATA 2.4, 4.8, 9.6, 19.2 or 56 Kbps SERVICE (Cont'd)

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3. Description and Application of Services (Cont'd)

b. Additional Service Features

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Multistation Arrangement

This arrangement provides the capability to connect multiple Digital Data Transmission Service channels at a Digital Hub. A Multistation Arrangement is provided for each channel when three or more channels are connected at a Digital Hub. All channels connected by a Multistation Arrangement must operate at the same transmission speed.

This arrangement allows customers to simultaneously transmit communications from a master (control) service point to many other service points or individually receive communications at a master (control) service point from another service point. All such communications are under the control of a customer-specified master (control) service point.

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95-163

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95 - 163  
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95 - 163  
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C. DIGITAL DATA 2.4, 4.8, 9.6, 19.2 or 56 Kbps SERVICE (Cont'd)

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## 4. Rates for CASS COUNTY TELEPHONE

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## a. Channels

## Access Channels to a Digital Hub

## - Local Distribution Section

Per termination of a Local Distribution Section on a customer's premises.

| <u>For Transmission<br/>Speed of</u> | <u>GSEC</u>   | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------------------|---------------|-------------------------|--------------------------------|
| 2.4 Kbps                             | EUCXX-L XDDXX | \$ 35.00                | \$ 75.00                       |
| 4.8 Kbps                             | EUCXX-L XDDXX | 45.00                   | 75.00                          |
| 9.6 Kbps                             | EUCXX-L XDDXX | 55.00                   | 75.00                          |
| 56 Kbps                              | EUCXX-LXXD4   | 170.00                  | 100.00                         |

## - Interoffice Section

Per V-H mile between the Digital Hub and Serving Office within the same LATA for the mileage portion plus the fixed charge.

Mileage Band

Band 1 - For mileage of 0 or over, but less than 5 miles

| <u>For Transmission<br/>Speed of</u> | <u>GSEC</u> | <u>Monthly<br/>Fixed<br/>Charge</u> | <u>GSEC</u>  | <u>Monthly<br/>Rate Per<br/>Mile</u> |
|--------------------------------------|-------------|-------------------------------------|--------------|--------------------------------------|
| 2.4 Kbps                             | TRG-L XDDXX | \$ 59.10                            | 1LFSX-L XDDX | None                                 |
| 4.8 Kbps                             | TRG-L XDDXX | 82.60                               | 1LFSX-L XDDX | None                                 |
| 9.6 Kbps                             | TRG-L XDDXX | 114.60                              | 1LFSX-L XDDX | None                                 |
| 56 Kbps                              | TRG-L XDDXX | 150.60                              | 1LFSX-L XDDX | None                                 |

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C. DIGITAL DATA 2.4, 4.8, 9.6, 19.2 or 56 Kbps SERVICE (Cont'd)

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4. Rates for CASS COUNTY TELEPHONE Exchanges
- 
- (Cont'd)

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- a. Channels (Cont'd)

Access Channels to a Digital Hub (Cont'd)

- Interoffice Section (Cont'd)

Mileage Band (Cont'd)

Band 2 - For mileage of 5 miles or over

| <u>For Transmission</u><br><u>Speed of</u> | <u>GSEC</u> | <u>Monthly</u><br><u>Fixed</u><br><u>Charge</u> | <u>GSEC</u>  | <u>Monthly</u><br><u>Rate Per</u><br><u>Mile</u> |
|--------------------------------------------|-------------|-------------------------------------------------|--------------|--------------------------------------------------|
| 2.4 Kbps                                   | TRG-L XDDXX | \$101.00                                        | 1LFSX-L XDXX | \$ 1.05                                          |
| 4.8 Kbps                                   | TRG-L XDDXX | 124.60                                          | 1LFSX-L XDXX | 1.55                                             |
| 9.6 Kbps                                   | TRG-L XDDXX | 148.10                                          | 1LFSX-L XDXX | 2.20                                             |
| 56 Kbps                                    | TRG-L XDDXX | 234.45                                          | 1LFSX-L XDXX | 10.00                                            |

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## C. DIGITAL DATA 2.4, 4.8, 9.6, 19.2 or 56 Kbps SERVICE (Cont'd)

4. Rates for CASS COUNTY TELEPHONE Exchanges  
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## b. Additional Service Features

## Multistation Arrangement

|                                           | <u>GSEC</u>  | <u>Monthly<br/>Rate</u> |
|-------------------------------------------|--------------|-------------------------|
| Per channel connected at a<br>Digital Hub |              |                         |
| - For all speeds                          | BCNDA-L XDXX | \$25.20                 |

## D. WIDEBAND DIGITAL SERVICE/1.544 Mbps

## 1. Service Description

Wideband Digital Service/1.544 Mbps is a two-point, intraLATA dedicated High Capacity Channel used for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital signals at a transmission speed of 1.544 Mbps. The channel design objective is to provide an average performance of at least 95 percent error-free seconds of transmission measured over a continuous 24-hour period through the Channel Service Unit or its functional equivalent.

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D. WIDEBAND DIGITAL SERVICE/1.544 Mbps (Cont'd)

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2. Service Availability

Wideband Digital Service/1.544 Mbps can only be provided where digital facilities exist within the same LATA. Services between serving offices must have digital service components between all intermediate offices to have the ability to provide the service.

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## D. WIDEBAND DIGITAL SERVICE/1.544 Mbps (Cont'd)

3. Connection of Terminal Equipment or a Communications System to  
Wideband Digital Service/1.544 MbpsMISSOURI  
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- a. Connections to a Wideband Digital Service/1.544 Mbps Terminal equipment, or a communications system which does not have the capability to transmit signals with encoded analog content via a Wideband Digital Service/1.544 Mbps to the telecommunications network or to a Category I or Category III private line circuit as identified in the Federal Communications Commission's Rules and Regulations may be directly connected to the demarcation point of the circuit. All other connections to a Wideband Digital Service/1.544 Mbps are also made at a demarcation point and must be made in accordance with the following regulations.
- b. Connection of Terminal Equipment - Terminal equipment may be connected to a Wideband Digital Service/1.544 Mbps through, or in combination with, channel derivation equipment. If the connection provides the capability to transmit signals with encoded analog content via the Wideband Digital Service/1.544 Mbps to the telecommunications network or to a Category I or Category III private line circuit, as identified in the Federal Communications Commission's Rules and Regulations, it must be connected in accordance with a type listed on the Program Summary provided by the Federal Communications Commission.

In addition, when voice-band data terminal equipment is used with the channel derivation equipment, the voice-band data terminal equipment must comply with the Federal Communications Commission's Rules and Regulations to ensure continued billing integrity.

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## D. WIDEBAND DIGITAL SERVICE/1.544 Mbps (Cont'd)

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3. Connection of Terminal Equipment or a Communications System to a Wideband Digital Service/1.544 Mbps (Cont'd)

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Public Service Commission

## c. Customer Signal Constraint

All signals generated by the customer's terminal equipment must meet certain signal and format constraints. Some of these constraints are as listed below.

- 1) Data Rate: 1.544 Mbps +/- 75 bps.
- 2) Consecutive zeros: No more than 15 consecutive zeros may be generated.
- 3) Pulse density: At least 3 pulses in any 24 bit interval.

## d. Allowance for Interruptions

Credit allowances are determined in accordance with regulations set forth in Section B.4.h. of this Tariff.

Wideband Digital Service/1.544 Mbps is considered interrupted when the customer reports that service continuity has been lost or that the service is operating at a performance level of 300 or more seconds of transmission containing errors in a consecutive 15-minute period.

## 4. Description and Application of Services

There are four basic rate elements which apply to Wideband Digital Service/1.544 Mbps:

Local Distribution Channels  
Interexchange Interoffice Channel and Channel Terminals  
Optional Service Functions  
Nonrecurring Charge

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## D. WIDEBAND DIGITAL SERVICE/1.544 Mbps (Cont'd)

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## 4. Description and Application of Services (Cont'd)

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## a. Local Distribution Channel

A Local Distribution Channel is a channel between a customer's premises and the Company serving office serving that customer. Mileage used to rate the Local Distribution Channel is the direct airline distance measured in quarter mile increments between the customer's premises and the serving office.

## b. Interexchange Interoffice Channel

Interexchange Interoffice Channel is defined as the component of the service between two serving offices where the serving offices are in different exchanges within the LATA. Charges include a fixed channel terminal charge and channel mileage which is based on V-H distance between the serving offices, measured in whole miles. Fractional miles are rounded to the next whole mile. Two Channel Terminal charges are required per Interexchange Interoffice Channel.

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D. WIDEBAND DIGITAL SERVICE/1.544 Mbps (Cont'd)

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4. Description and Application of Services (Cont'd)

c. Optional Service Functions

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1) Automatic Protection Capability

The Automatic Protection Capability (APC) service function, when used in conjunction with compatible customer-provided APC at the customer's premises, provides protection for the Local Distribution Channel by automatically switching the Local Distribution Channel(s) to a spare Local Distribution Channel. The customer is responsible for circuit compatibility with existing Central Office equipment.

Spare Local Distribution Channel(s) are not included with the Automatic Protection Capability. They must be ordered separately at the rates and charges specified in Section D.6.c. or on an Individual Case Basis (ICB).

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## D. WIDEBAND DIGITAL SERVICE/1.544 Mbps (Cont'd)

## 4. Description and Application of Services (Cont'd)

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## c. Optional Service Functions (Cont'd)

## 2) Transfer Arrangement

The Transfer Arrangement service function permits a customer to transfer an Interoffice Channel between two Local Distribution Channels terminating in the same serving office. The two Local Distribution Channels must use the same signal format. The spare Local Distribution Channel is not included in the Transfer Arrangement. It must be ordered separately as specified in Section D.6.c. or on an Individual Case Basis (ICB).

A key activated control circuit is required to operate the transfer arrangement. A Special Signaling Channel between the customer-designated control station and the serving office may be obtained from this Tariff for this purpose. The control key must be provided by the customer.

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## DIGITAL DATA TRANSMISSION SERVICE

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D. WIDEBAND DIGITAL SERVICE/1.544 Mbps (Cont'd)

5. Rates and Charges for CASS COUNTY TELEPHONE Exchanges

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|                                                                    | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------------------------------------------------|-------------------------|--------------------------------|
| a. Local Distribution Channel                                      |                         |                                |
| 1) First 1/4 mile or fraction<br>thereof, per channel              | \$60.00                 | \$535.00                       |
| 2) Each Additional 1/4 mile<br>or fraction thereof,<br>per channel | 22.00                   | None                           |

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## D. WIDEBAND DIGITAL SERVICE/1.544 Mbps (Cont'd)

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## 5. Rates and Charges for CASS COUNTY TELEPHONE Exchanges (Cont'd)

|                                                               | <u>GSEC</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|---------------------------------------------------------------|-------------|-------------------------|--------------------------------|
| b. Interexchange Interoffice Channel                          |             |                         |                                |
| Channel Terminal<br>(two required per<br>interoffice channel) | TRG XDH1X   | \$75.00                 | \$60.00                        |
| Rate per V-H mile or<br>fraction thereof,<br>per channel      | 1LFSX XDH1X | 65.00                   | None                           |

## c. Optional Service Functions

|                                                                             | <u>Monthly<br/>Rate</u> | <u>Nonrecurring Charge<br/>Initial</u> | <u>Subsequent</u> |
|-----------------------------------------------------------------------------|-------------------------|----------------------------------------|-------------------|
| 1) Automatic Protection<br>Capability, per<br>central office<br>arrangement | \$317.45                | \$77.00                                | \$180.00          |
| 2) Transfer Arrangement<br>per arrangement                                  | 28.00                   | 99.00                                  | 210.00            |

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## DIGITAL DATA TRANSMISSION SERVICE

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## E. VIDEO TRANSMISSION SERVICE

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## 1. General

This Tariff section contains the description, regulations, and rates applicable to Video Transmission Service furnished by the Company where facilities permit.

## 2. Description

Video Transmission Service is the movement, management, and control of moving pictures or video frames of information along with associated audio.

Video Transmission Service is available in several transmission/quality levels which correspond to varying customer requirements for video services. These are:

Broadcast Quality  
Commercial Quality  
Business Quality

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

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## 2. Description (Cont'd)

## a. Broadcast Quality

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Video Transmission Service Broadcast Quality provides transmission capability which supports a picture quality that meets or exceeds performance requirements for 525 line/60 field monochrome, or National Television Systems Committee (NTSC) color video signals. Video Transmission Service Broadcast Quality transmits from one to four associated audio signals along with the video signal. Customers may select channel interface options to meet their specific requirements. Video Transmission Service Broadcast Quality may employ two types of network facilities to complete the customer circuit. These two types of facilities are referred to as Type I and Type II in this tariff. Type I facilities are analog from the customer designated premises and throughout the Company's network facilities. Although Type I service uses high quality analog transmit and receive units instead of digital ones, the lack of industry standards still requires that units on each end of the video path be compatible with each other's proprietary signaling algorithms. Type I service includes two audio channels with up to 15 KHz bandwidth. Type II facilities are digital from the customer designated premises throughout the Company's network of wire centers and digital video hubs. Type II service uses high quality Video Coder Decoders (Codecs) with a digital interface of 44.736 Mbps to support National Television Systems Committee (NTSC) baseband video along with up to four associated audio channels with 15 KHz bandwidth. Because there is no industry standard algorithm for digital encoding Video Transmission Service Broadcast Quality Type II television signals, the receive codec must decode the proprietary algorithm used by the transmit codec.

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

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## 2. Description (Cont'd)

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## b. Commercial Quality

Video Transmission Service Commercial Quality provides for transmission facilities which support a picture quality that is near the performance requirements of NTSC video but is not as high a quality as Broadcast Quality video. A Video Transmission Service Commercial Quality may employ one of two types of network facilities to complete the customer circuit. Type I service employs analog transmit and receive units along with analog network facilities between customer designated premises throughout the Company's network facilities to support video signals and two associated audio channels with 12 KHz bandwidth. Type II service employs high quality codecs with a digital interface of 36 Mbps and digital network facilities from customer designated premises and throughout the Company's network of wire centers and digital video hubs to support the video signals and up to four audio channels with 15 KHz bandwidth. Just as in the case of Broadcast Quality service, there are no industry standard algorithms for the transmission of analog or digitally encoded video signals. As a consequence, the codecs on each end of a video circuit must be compatible with each other's proprietary signaling protocol.

## c. Business Quality

Video Transmission Service Business Quality provides transmission facilities which utilize compressed video transmission techniques capable of transmitting good picture quality. A single audio channel with a frequency response to 7 Khz is provided with each video circuit. Video Transmission Service Business Quality video is suitable for teleconferencing between two geographically separate locations. Two types of Video Transmission Service Business Quality video are offered, Type I and Type II. Both Type I and Type II services utilize digital facilities to provide two-way, two-point service. Type I service uses a transmission bandwidth of 384 Kbps which supports picture quality that is visually comparable to commercial quality video, but has less stringent technical parameters. Type I service has a noticeable motion impairment. Type II service uses a transmission bandwidth of 1.544 Mbps to support a picture quality that is visually comparable to commercial quality video, but has less stringent technical parameters.

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95 - 163  
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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

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## 2. Description (Cont'd)

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- d. Customer Provided Equipment - By subscription to a Video Access Line, the customer is provided with circuit equipment and outside plant facilities from the serving wire center to the customer's designated location and a codec at the designated location. The codec is the demarcation point between the Telephone Company's network and customer premises equipment. The customer must provide all customer premises equipment at each end of the network, such as cameras, monitors, audio and graphics equipment.

## e. Rate Elements

- 1) The Video Transmission Service is composed of the following basic rate elements:

Video Transmission Service Access Line (VTAL)  
Video Transmission Service Access Port  
Video Transmission Service Transport  
Video Transmission Service Utilization  
Video Transmission Service Premium Services

- 2) Video Transmission Service offers two methods to reach the Video Transmission Service resources that provide transport and, in some cases, management and control of a video call. One, the Video Transmission Service Access Line (VTAL) includes video-enabling equipment along with circuit and outside plant facilities to access the customer's serving wire center. The other, the Video Transmission Service Access Port, does not include the video-enabling equipment as part of the network service.
- 3) Each Video Transmission Service interconnection between customer locations requires that at least one of the locations be served by a Video Transmission Service Access Line (VTAL), to provide video transmission and/or reception and to allow the Company to monitor and meet the technical parameters of the service.

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## DIGITAL DATA TRANSMISSION SERVICE

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

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## 2. Descriptions (Cont'd)

## e. Rate Elements (Cont'd)

- 4) Video Transmission Service Transport, as provided for in this section of the tariff, includes transport and termination of the interoffice transmission of the customer's Video Transmission service signals. Applications include video transport between a customer's serving wire center and the associated Video Multipoint Control Unit (MCU) and video transport between serving wire centers.
- 5) Video Transmission Service Utilization, as provided for in this section of the tariff, includes high and low level video switching elements, video network control elements and trunking facilities. High and low level video switching elements refer to the use of Video Multipoint Control Units (MCU), Digital Cross Connect Units (DCC) or Asynchronous Transfer Mode (ATM) switching facilities. These switching facilities are included in the basic video network as required to meet the service requirements for Type II Broadcast and Commercial Quality Video Transmission Services within the LATA.
- 6) Video Transmission Service Premium Services are optional services that are not part of a basic video interconnection between customer locations. Video Transmission Service Premium Services currently include Quad Split and Image Plus Still Frame<sup>®</sup>. Quad Split allows one customer location to view the video transmissions from up to four other locations of a multipoint connection on a single monitor over a single Video Transmission Service Access Line (VTAL). Image Plus Still Frame<sup>®</sup> provides for the transmission of a still frame (such as a graphics overhead) and the motion video image over a single VTAL.

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

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## 2. Descriptions (Cont'd)

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## f. Ordering Service

- 1) When Video Transmission Service is ordered, the customer selects a VTAL or Port with consideration to the customer's specific video communications requirements. These requirements include, but are not limited to, the transmission parameters, the Video Transmission Service Premium Services that are available with that type of access and whether or not the desired service is a fixed point-to-point service or a switched service.
- 2) Each form of Video Transmission Service is identified in this tariff as a type of Video Transmission Service. The identification of a type of service as Broadcast, Commercial or Business Quality is not intended to limit a customer's use of that type of VTAL or Port and the associated utilization and/or transport. The type nomenclature is intended to only provide general guidance as to the quality of video transmission and its typical use. As long as the components of Video Transmission Service are utilized in the transmission, a customer can transmit any signals that his customer premises equipment (CPE) will support. For example, if the customer's CPE is capable of transmitting voice over a subscribed Video Transmission Service, there is no restriction against doing so provided that the components of the Video Transmission Service are used in the transmission. The Company does not warrant such alternative use of the service nor guarantee that changes will not be made in the service that may negate these uses.

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

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## 2. Description (Cont'd)

## g. Video Transmission Service Access Line

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The Video Transmission Service Access Line (VTAL) rate applies for each customer designated location at which a VTAL is terminated. The charge will apply even if the customer's designated location (CDL) and the serving wire center are co-located in a Company building. The applicable VTAL rate is determined by the type of Video Transmission Service that the customer orders and receives at his CDL. This VTAL rate provides for the Video Transmission Service connection between the network demarcation point at the customer's premises and the Telephone Company's serving wire center. The Video Transmission Service connection includes the appropriate video access line interface arrangement, circuit equipment and outside plant facilities. The standard video access line interface arrangement defines the technical characteristics associated with the type of facilities with which the video service will interconnect at its Point of Termination (POT) and the type of signaling capability, if any. The VTAL includes any video encoding and/or decoding device that may be required to provide the service.

## h. Video Transmission Service Access Port

The Video Transmission Service Access Port rate applies for each Video Transmission Service Access Port provided by the Company for the use of the customer. The Video Transmission Service Access Port provides the customer with a point of entry to the Company's switched video network in those instances where a Video Transmission Service Access Line cannot be provided. A Video Transmission Service Access Port may be located at any video Multipoint Control Unit. For example, a customer whose CDL is located outside the BPS exchange serving area may use a Video Transmission Service Access Port as a point of entry to the Company's switched video network. This would allow that customer to make video connections to other customers who have Video Transmission Service through the Company's switched video network. The customer must obtain the appropriate video and/or private line transport from his CDL to the Company's Video Transmission Service Access Port and must present signals that are compatible with interface requirements of the VTALs to which he wants to connect.

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

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## 2. Description (Cont'd)

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## h. Video Transmission Service Access Port (Cont'd)

The Video Transmission Service Access Port includes a standard video access interface arrangement defining the technical characteristics associated with the type of facilities to which the video service is connected to and the type of signaling capability, if any. The Video Transmission Service Access Port does not include any video encoding devices but may include devices to control and monitor the video service.

## i. Video Transmission Service Transport

The Video Transmission Service Transport rate applies for video transport that may be required to provision Video Transmission Service. The Video Transmission Service Transport rate is specific to the type of Video Transmission Service to which the customer subscribes.

In the case of an access line providing for point-to-point service, this rate applies for interoffice transport in those instances where the points of the point-to-point service are not served from the same serving wire center. In those instances where a point-to-point Video Transmission Service has a customer designated location outside the Company's serving area this rate applies for transport from the Company's serving wire center to a point of interconnection with non-Company facilities.

The termination and transport rates applicable for point-to-point type video services that are not found in this section of the tariff (as in the case of Business Quality Connect) must be ordered from the appropriate Private Line tariff. A customer using Business Quality Connect point-to-point services would order Video Transmission Service Access Lines from this section of the tariff and appropriate Private Line Services for interoffice network transport and termination of his video signals.

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

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## 2. Description (Cont'd)

i. Video Transmission Service Transport (Cont'd) **MISSOURI  
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In the case of access lines which are interconnected via the Company's switched video network, this rate will apply to interoffice transport from the serving wire center to the tending Multipoint Control Unit in those instances when there is no Multipoint Control Unit at the customer's serving wire center. Similarly, this rate applies for transport from a point of interconnection with non-Company facilities to a Video Transmission Service Access Port.

## j. Video Transmission Service Utilization

The Video Transmission Service Utilization rate applies to Type II Broadcast and Commercial Quality Access Lines and Access Ports on a per access line or per port basis for usage of the Company's intraLATA interoffice switched video network. Video Transmission Service Transport charges may apply in addition to these Utilization charges. In those instances where a video Multipoint Control Unit is not located at the customer's serving wire center, the Video Transmission Service Transport rate will apply for the interoffice transport required to reach the video Multipoint Control Unit tending that serving wire center.

## k. Video Transmission Service Premium Services

The Video Transmission Service Premium Services Quad Split and Image Plus Still Frame® are optional services that are not part of a basic video interconnection between customer locations. The rate for these optional services applies to each access line for which they are ordered. Quad Split allows one customer location to view the video transmissions from up to four other locations of a multipoint connection on a single monitor over a single Video Transmission Service Access Line. Image Plus Still Frame® provides for the transmission of a still frame (such as a graphics overhead) and the motion video image over a single Video Transmission Service Access Line.

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

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## 2. Description (Cont'd)

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## 1. Special Construction

Special construction charges as provided for in B.4.d will apply in those instances where the customer orders Video Transmission Service and suitable facilities are not available. If the customer orders video services not provided for in this tariff, Section 12, Special Assemblies, of the General and Local Exchange Service Tariff, PSC MO. NO. 1 will apply.

## 3. Regulations

## a. Responsibilities of the Company

- 1) The Company's responsibility will be limited to the furnishing of Video Transmission Service facilities suitable for the Video Transmission Service connection. The Company is not responsible for the installation, operation or maintenance of any equipment provided by the customer.
- 2) The Company reserves the right to temporarily interrupt Video Transmission Service to maintain the video equipment. Maintenance will be performed during hours that will minimize the impact of disruptions to customers. In addition, negotiated unscheduled or emergency situations may necessitate additional interruption time.

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95 - 163  
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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

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## 3. Regulations (Cont'd)

## b. Limitations/Availability

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- 1) Video Transmission Service will only be offered where Company facilities/equipment permit. Special construction charges may apply.
- 2) Video Transmission Service, as provided for in this Tariff, is available only between the Company's customer locations within the same LATA. The customer may obtain appropriate private line or video services from an Interexchange Carrier to interconnect his point-to-point Video Transmission Services to video service locations not within the same LATA. Similarly, customers utilizing Type II Broadcast Quality Connect Services (Transceive) or Type II Commercial Quality Connect Services can obtain access to locations outside of the Company's serving area by interconnecting such locations to Video Transmission Service Access Ports. Video Transmission Service Transport is utilized between ports and points of interconnection with non-Company facilities.
- 3) A Video Transmission Service Access Port can only be used to interconnect to a customer location that is not located in the Company's exchange serving area within the LATA.
- 4) The Video Transmission Service Transport (interoffice) for Broadcast Quality Connect Type I and Commercial Quality Connect Type I is limited to a maximum of 25 airline miles.
- 5) The cable route distance between the customer's designated location and the Company's serving wire center cannot exceed 12,000 feet when Business Quality Connect Type I is utilized. This distance limitation does not apply to other types of Video Transmission Service Access Lines.
- 6) The minimum service period is one year except as specified elsewhere within this tariff.

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95 - 163  
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## 3. Regulations (Cont'd)

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## c. Application of Rates

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- 1) The following rate elements apply to Video Transmission Service:

## Video Transmission Service Access Line

## Broadcast Quality Connect

## Type I

Transmit

Receive

## Type II

Transmit Only

Receive Only

Transceive

## Commercial Quality Connect

## Type I

Transmit

Additional Transmit

Receive

Additional Receive

## Type II Transceive

## Business Quality Connect

Type I Transceive

Type II Transceive

## Video Transmission Service Access Port

## Broadcast Quality Connect

## Type II

## Commercial Quality Connect

## Type II

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95 - 163

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E. VIDEO TRANSMISSION SERVICE (Cont'd)

3. Regulations (Cont'd)

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c. Application of Rates (Cont'd)

1) (Cont'd)

Video Transmission Service Transport

Broadcast Quality Connect  
Type I (Per Airline Mile)  
Type II (Per Airline Mile)  
Commercial Quality Connect  
Type I (Per Airline Mile)  
Type II (Per Airline Mile)  
Business Quality Connect  
Type I  
Transport (Fractional DS-1 Transport)  
Termination (Fractional DS-1 Termination)  
Type II  
Transport (DS-1 Transport)  
Termination (DS-1 Termination)

Video Transmission Service Utilization

Broadcast Quality Connect  
Type II  
Commercial Quality Connect  
Type II

Video Transmission Service Premium Services

Quad Split  
Image Plus Still Frame®

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## 3. Regulations (Cont'd)

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## c. Application of Rates (Cont'd)

## 2) Video Transmission Service Access Line

## a) Broadcast Quality Connect Type I

The Type I Broadcast Quality Connect Video Transmission Service Access Line is a one-way facility. The customer must order a Transmit access line to transmit video signals over the Company's network facilities. Similarly, the customer must order a Receive access line to receive video signals over the Company's facilities. If the customer requires both transmit and receive capability at the same premises, then the customer must order both a Transmit access line and a Receive access line.

## b) Broadcast Quality Connect Type II

The Type II Broadcast Quality Connect Video Transmission Access Line may be ordered as a transmit only, receive only or as a bidirectional transceive facility. This type of access line may be ordered as a point-to-point service or, in the case of the transceive facility, it may alternatively be ordered as switched service. When Type II service is ordered as a switched service, the customer is provided with a facility capable of providing simultaneous transmission and reception of video signals to and from a Switched Point of Termination (SPOT). The SPOT will be either another Type II Broadcast Quality Connect Video Transmission Service Access Line within the same LATA or a Video Transmission Service Access Port within the same LATA.

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## 3. Regulations (Cont'd)

## c. Application of Rates (Cont'd)

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## 2) Video Transmission Service Access Line (Cont'd)

## c) Commercial Quality Connect Type I

The Type I Commercial Quality Connect Video Transmission Service Access Line is a unidirectional facility. The customer must order a Transmit access line to transmit video signals over the Company's network facilities. Similarly, the customer must order a Receive access line to receive video signals over the Company's facilities. If the customer requires both transmit and receive capability at the same premises, then the customer must order both a Transmit access line and a Receive access line. The first Transmit or the first Receive access line that the customer orders for a customer designated location will be provided at the "First System" rate. Subsequent Transmit or Receive access lines that the customer orders for the same designated location will be provided at the "Additional System" rate unless the total access lines (systems) exceeds sixteen. If the total number of access lines exceeds sixteen, then the seventeenth and every subsequent seventeenth access line will be rated as a "First System" with the others rated as "Additional Systems."

## d) Commercial Quality Connect Type II

The Type II Commercial Quality Connect Video Transmission Service Access Line is a bidirectional (transceive) facility. This type of access line may be ordered as a point-to-point service or alternatively as switched service. The customer ordering this type of access line will be provided with a facility capable of providing simultaneous transmission and reception of video signals to and from the switched point of termination (SPOT). The SPOT will be either another Type II Commercial Quality Connect Video Transmission Service Access Line or a Video Transmission Service Access Port within the same LATA.

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## 3. Regulations (Cont'd)

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## c. Application of Rates (Cont'd)

## 2) Video Transmission Service Access Line (Cont'd)

## e) Business Quality Connect Type I

The Type I Business Quality Connect Video Transmission Service Access Line is a bidirectional facility. The customer ordering this type of access line will be provided with a facility capable of providing simultaneous transmission and reception of video signals to and from another such access line or similar facility over Fractional T-1 facilities.

## f) Business Quality Connect Type II

The Type II Business Quality Connect Video Transmission Service Access Line is a bidirectional facility. The customer ordering this type of access line will be provided with a facility capable of providing simultaneous transmission and reception of video signals to and from another such access line or similar facility over DS1 facilities.

## 3) Video Transmission Service Access Port

## a) Broadcast Quality Connect Type II

The Type II Broadcast Quality Connect Video Transmission Service Access Port is a bidirectional facility. A customer may only order this type of access to the Company's switched video transport facilities to terminate transport of compatible video signals from outside the Company's exchange serving area. This facility may not be ordered in lieu of a Video Transmission Service Access Line (VTAL) under circumstances where the Company has tariff authority to provide a VTAL.

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95-163

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## 3. Regulations (Cont'd)

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## 3) Video Transmission Service Access Port (Cont'd)

## b) Commercial Quality Connect Type II

The Type II Commercial Quality Connect Video Transmission Service Access Port is a bidirectional facility. A customer may only order this type of access to the Company's switched video transport facilities to terminate transport of compatible video signals from outside the Company's exchange serving area. This facility may not be ordered in lieu of a Video Transmission Service Access Line (VTAL) under circumstances where the Company has tariff authority to provide a VTAL.

## 4) Video Transmission Service Transport

## a) Broadcast Quality Connect Type I

Type I Broadcast Quality Connect Transport provides for the transport and interoffice termination of signals originating from and/or terminating to Type I Broadcast Quality Connect Video Transmission Service Access Lines (VTALS). The monthly charge for the Transport rate element, if applicable, is assessed on a per airline mile basis. Fractional parts of miles are rounded to the next higher mile before making the rate computation. The transport distance is limited to a maximum of 25 airline miles.

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FEB 7 1996

## 3. Regulations (Cont'd)

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## c. Application of Rates (Cont'd)

## 4) Video Transmission Service Transport (Cont'd)

## b) Broadcast Quality Connect Type II

Type II Broadcast Quality Connect Transport provides for the transport and interoffice termination of signals originating from and/or terminating to Type II Broadcast Quality Connect VTALS or Access Ports. The monthly charge for the Transport rate element, if applicable, is assessed on a per airline mile basis. Fractional parts of miles are rounded to the next higher mile before making the rate computation.

## c) Commercial Quality Connect Type I

Type I Commercial Quality Connect Transport provides for the transport and interoffice termination of signals originating from and/or terminating to Type I Commercial Quality Connect VTALS. The monthly charge for the Transport rate element, if applicable, is assessed on a per airline mile basis. Fractional parts of miles are rounded to the next higher mile before making the rate computation. The transport distance is limited to a maximum of 25 airline miles.

## d) Commercial Quality Connect Type II

Type II Commercial Quality Connect Transport provides for the transport and interoffice termination of signals originating from and terminating to Type II Commercial Quality Connect Video Transmission Service Access Lines (VTALS) or Access Ports. The monthly charge for the Transport rate element, if applicable, is assessed on a per airline mile basis. Fractional parts of miles are rounded to the next higher mile before making the rate computation.

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95 - 163

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

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## 3. Regulations (Cont'd)

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## c. Application of Rates (Cont'd)

## 4) Video Transmission Service Transport

## e) Business Quality Connect Type I

Type I Business Quality Connect Transport provides for the transport and interoffice termination of signals originating from and terminating to Type I Business Quality Connect VTALs. Type I Business Quality Connect Transport, if applicable, is provided by Fractional T-1 Service which is ordered on an individual case basis from Section 12 of the General and Local Exchange Tariff, PSC MO. NO. 1.

## f) Business Quality Connect Type II

Type II Business Quality Connect Transport provides for the transport and interoffice termination of signals originating from or terminating to Type II Business Quality Connect VTALs. Type II Business Quality Connect Transport, if applicable, is provided by High Capacity (DS1) Service which is ordered from Section D., Wideband Digital Service/1.544 Mbps, of this tariff.

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FEB 7 1996

## 3. Regulations (Cont'd)

## c. Application of Rates (Cont'd)

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## 5) Video Transmission Service Utilization

Video Transmission Service Utilization may only be ordered in conjunction with a Video Transmission Service Access Line or Access Port.

## a) Broadcast Quality Connect Type II

Type II Broadcast Quality Connect Utilization provides for the switching and interoffice trunking of signals originating from and terminating to Type II Broadcast Quality Connect VTALs or Access Ports utilizing the Company's switched video network. The Video Transmission Service Utilization monthly recurring charge is applied each month to the gigacells of network utilization that result from the customer's connect time during each monthly billing period. The accumulated usage in gigacells is rounded to the nearest one thousandth of a gigacell (kilocell) prior to the application of the rate.

Until the Telephone Company's network and billing system become capable of measuring and billing gigacell usage, the customer's Utilization will be assessed an assumed usage of 36.91 gigacells per month for each VTAL or Access Port.

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FEB 7 1996

## 3. Regulations (Cont'd)

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## c. Application of Rates (Cont'd)

## 5) Video Transmission Service Utilization

## b) Commercial Quality Connect Type II

Type II Commercial Quality Connect Utilization provides for the switching and interoffice trunking of signals originating from and terminating to Type II Commercial Quality Connect VTALs or Access Ports utilizing the Company's switched video network. The Video Transmission Utilization monthly recurring charge is applied each month to the gigacells of network utilization that result from the customer's connect time during each monthly billing period. The accumulated usage in gigacells is rounded to the nearest one thousandth of a gigacell prior to the application of the rate.

Until the Telephone Company's network and billing system become capable of measuring and billing gigacell usage, the customer's Utilization will be assessed an assumed usage of 36.91 gigacells per month for each VTAL or Access Port.

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## DIGITAL DATA TRANSMISSION SERVICE

## E. VIDEO TRANSMISSION SERVICE (Cont'd)

## 3. Regulations (Cont'd)

## c. Application of Rates (Cont'd)

## 6) Video Transmission Service Premium Services

## a) Quad Split

Quad Split is an optional enhancement to Type II Commercial Quality Connect service (transceive) when it is provided as a switched service. The Quad Split monthly recurring charge is applied each month to the gigacells of network utilization that result from the customer's connect time with the Quad Split feature during each monthly billing period. The accumulated usage in gigacells is rounded to the nearest one thousandth of a gigacell (kilocell) prior to the application of the rate. This rate applies in addition to the regular VTAL or Port rate, the Utilization rate, and the Transport (if required) rate.

Until the Telephone Company's network and billing system become capable of measuring the billing gigacell usage, the customer will be assessed an assumed usage of 36.91 gigacells per month for each VTAL or Access Port for which Quad Split is subscribed.

b) Image Plus Still Frame<sup>®</sup>

Image Plus Still Frame<sup>®</sup> is an optional enhancement to standard Business Quality Connect Type I and Type II Services. The Image Plus Still Frame<sup>®</sup> rate is applied on a per Video Transmission Service Access Line (VTAL) basis. This rate applies in addition to the regular VTAL rate.

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9 5 - 1 6 3

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

FEB 7 1996

## 3. Regulations (Cont'd)

## c. Application of Rates (Cont'd)

MISSOURI  
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## 7) General Rate Regulations

## a) Moves

When a customer requests a move or relocation of a VTAL or Access Port and/or a rearrangement of the Transport associated with the VTAL or Access Port, this move, relocation and/or rearrangement will be treated as a termination of the existing VTAL or Access Port service and the establishment of a new service for the application of all charges.

## b) Cancellation or Change for Application for Service

When an application for service is canceled or changed in whole or in part:

- After the completion of installation, but prior to the establishment of service:

The customer is required to pay all nonrecurring and minimum charges which would apply had service been established.

- Prior to the completion of installation:

The customer may be required to pay the costs incurred by the Company but not exceeding the amount that would be charged above.

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APR 1 1996  
95 - 163  
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FEB 7 1996

## 3. Regulations (Cont'd)

## c. Application of Rates (Cont'd)

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## 7) General Rate Regulations (Cont'd)

## c) Custom Payment Plans

At the request of a customer, the Company may, at its option, offer a Custom Payment Plan that provides a payment schedule that has a net present value equal to the net present value of the nonrecurring charges and monthly recurring charges that would otherwise be payable under the contract period selected. The net present value computations shall be made utilizing the Company's Authorized Rate of Return. The nonrecurring charges (NRCs) associated with a Custom Payment Plan will not be less than twenty-five percent (25%) of the nonrecurring charges shown in Section E.4. Such Custom Payment Plan methodology may be used to provide a Custom Payment Plan with an NRC and a zero monthly recurring charge (MRC). In any instance, the Custom Payment Plan provides only for service during the specified contract period and does not give the customer ownership of or equity in the facilities that the Company provides in the provision of the service(s).

## d) Expiration of Contract Period

If the customer's contract period expires and the customer has not canceled his service or established a new contract with the Company, the customer's service shall be continued under a month-to-month contract at the monthly rate(s) specified in the tariff for the contract term that has just expired. This procedure will continue the customer's service with no change in monthly rates except in those instances when the expired contract was under a Custom Payment Plan.

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95 - 163

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

FEB 7 1996

## 3. Regulations (Cont'd)

MISSOURI  
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## c. Application of Rates (Cont'd)

## 7) General Rate Regulations (Cont'd)

## d) Expiration of Contract Period (Cont'd)

When one contract period ends and a new one begins, the customer begins paying the monthly recurring charge for the new contract period. The nonrecurring charge is not assessed again unless the customer has required the company to change the service in some way or unless the service has been discontinued between the expiration of the old contract and the initiation of the new contract.

## e) Contract Termination Liability

When a customer terminates a contract for Video Transmission Services, that customer shall be liable for a Contract Termination Liability (CTL). Contract Termination Liability (CTL) applies to all contract periods associated with Video Transmission Services. The initial amount for the CTL for Video Transmission Service Access Lines (VTALs) is twelve times the 1-year Monthly Recurring Charge (MRC). For each month a VTAL is in service, the initial CTL is reduced by an amount equal to the initial CTL divided by the number of months in the contract term selected. The Contract Termination Liability so computed is reduced to zero at the successful completion of the full contract term.

An example of Contract Termination Liability computation for a Type II Commercial Quality Connect VTAL under a 5-year contract follows:

$$\text{Initial CTL} = 12 \times \$1,240.00 = \$14,880.00$$
$$\text{Monthly Reduction in CTL} = \$14,880.00 \div 60 = \$248.00$$

If after 24 months of service the customer terminates his contract, the Contract Termination Liability would be:

$$\$14,880.00 - (24 \times \$248.00) = \$8,928.00$$

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

## 3. Regulations (Cont'd)

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## c. Application of Rates (Cont'd)

## 7) General Rate Regulations (Cont'd)

## e) Contract Termination Liability (Cont'd)

The Contract Termination Liability applicable to Video Transmission Service Access Ports, Video Transmission Service Transport, Video Transmission Service Utilization and Video Transmission Service Premium Services is computed in the same manner as for VTALs except that the amount of the monthly reduction in CTL is always computed on a 12-month contract basis. As a consequence, the Contract Termination Liability is reduced to zero after the completion of 12 months of service.

When computing Contract Termination Liability for Video Transmission Service Utilization or Quad Split, the 1-year MRC (Per Gigacell) is multiplied times 36.91 Gigacells to determine the dollar amount of the "1-year MRC" to use in the CTL formula. When computing Contract Termination Liability for Video Transmission Service Transport, the 1-year MRC (Per Mile) is multiplied times the number of miles of transport to determine the dollar amount of the "1-year MRC" to use in the CTL formula.

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APR 1 1996

95 - 163

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## 4. Rates and Charges

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- a. The following rates and charges apply for Video Transmission Service.

## 1) Video Transmission Service Access Line

## a) Broadcast Quality Connect

|                   |                        | Monthly Rate |               |              |               |
|-------------------|------------------------|--------------|---------------|--------------|---------------|
|                   | Nonrecurring<br>Charge | One<br>Year  | Three<br>Year | Five<br>Year | Seven<br>Year |
| Type I            |                        |              |               |              |               |
| Transmit . . . .  | \$1,200.00             | \$ 940.00    | \$ 890.00     | \$ 840.00    | \$ 790.00     |
| (GSEC) . . . .    | VCALBR1NRC             | VCALBR1-1    | VCALBR1-3     | VCALBR1-5    | VCALBR1-7     |
| Receive . . . .   | 1,200.00               | 940.00       | 890.00        | 840.00       | 790.00        |
| (GSEC) . . . .    | VCALBR1NRC             | VCALBR1-1    | VCALBR1-3     | VCALBR1-5    | VCALBR1-7     |
| Type II           |                        |              |               |              |               |
| Transmit Only . . | 1,200.00               | 1,050.00     | 1,000.00      | 950.00       | 900.00        |
| (GSEC) . . . .    | VCALBR2-1WNRC          | VCALBR2-1W-1 | VCALBR2-1W-3  | VCALBR2-1W-5 | VCALBR2-1W-7  |
| Receive Only . .  | 1,200.00               | 1,050.00     | 1,000.00      | 950.00       | 900.00        |
| (GSEC) . . . .    | VCALBR2-1WNRC          | VCALBR2-1W-1 | VCALBR2-1W-3  | VCALBR2-1W-5 | VCALBR2-1W-7  |
| Transceive . . .  | 2,200.00               | 1,240.00     | 1,190.00      | 1,140.00     | 1,090.00      |
| (GSEC) . . . .    | VCALBR2NRC             | VCALBR2-1    | VCALBR2-3     | VCALBR2-5    | VCALBR2-7     |

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

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## 4. Rates and Charges (Cont'd)

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a. The following rates and charges apply for Video Transmission Service. (Cont'd)

1) Video Transmission Service Access Line (Cont'd)

b) Commercial Quality Connect

|                      | <u>Nonrecurring</u><br><u>Charge</u> | <u>One</u><br><u>Year</u> | <u>Three</u><br><u>Year</u> | <u>Five</u><br><u>Year</u> | <u>Seven</u><br><u>Year</u> |
|----------------------|--------------------------------------|---------------------------|-----------------------------|----------------------------|-----------------------------|
| Type I               |                                      |                           |                             |                            |                             |
| Transmit-First       |                                      |                           |                             |                            |                             |
| System . . . . .     | \$1,025.00                           | \$ 925.00                 | \$ 875.00                   | \$ 825.00                  | \$ 775.00                   |
| (GSEC) . . . . .     | VCALCO1NRC                           | VCALCO1-1                 | VCALCO1-3                   | VCALCO1-5                  | VCALCO1-7                   |
| Transmit-Add'l       |                                      |                           |                             |                            |                             |
| System(s) . . . . .  | 465.00                               | 400.00                    | 350.00                      | 300.00                     | 250.00                      |
| (GSEC) . . . . .     | VCALCO1ANRC                          | VCALCO1A-1                | VCALCO1A-3                  | VCALCO1A-5                 | VCALCO1A-7                  |
| Receive-First        |                                      |                           |                             |                            |                             |
| System . . . . .     | 1,025.00                             | 925.00                    | 875.00                      | 825.00                     | 775.00                      |
| (GSEC) . . . . .     | VCALCO1NRC                           | VCALCO1-1                 | VCALCO1-3                   | VCALCO1-5                  | VCALCO1-7                   |
| Receive-Add'l        |                                      |                           |                             |                            |                             |
| System(s) . . . . .  | 465.00                               | 400.00                    | 350.00                      | 300.00                     | 250.00                      |
| (GSEC) . . . . .     | VCALCO1ANRC                          | VCALCO1A-1                | VCALCO1A-3                  | VCALCO1A-5                 | VCALCO1A-7                  |
| Type II              |                                      |                           |                             |                            |                             |
| Transceive . . . . . | 2,200.00                             | 1,240.00                  | 1,190.00                    | 1,140.00                   | 1,090.00                    |
| (GSEC) . . . . .     | VCALCO2NRC                           | VCALCO2-1                 | VCALCO2-3                   | VCALCO2-5                  | VCALCO2-7                   |

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FEB 7 1996

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## 4. Rates and Charges (Cont'd)

a. The following rates and charges apply for Video Transmission Service. (Cont'd)

## 1) Video Transmission Service Access Line (Cont'd)

## c) Business Quality Connect

|            |            | Monthly Rate  |             |             |             |
|------------|------------|---------------|-------------|-------------|-------------|
|            |            | One           | Three       | Five        | Seven       |
|            |            | Year          | Year        | Year        | Year        |
|            |            | <u>Charge</u> | <u>Year</u> | <u>Year</u> | <u>Year</u> |
| Type I     |            |               |             |             |             |
| Transceive | \$1,580.00 | \$1,125.00    | \$1,075.00  | \$1,025.00  | \$ 975.00   |
| (GSEC)     | VCALBU1NRC | VCALBU1-1     | VCALBU1-3   | VCALBU1-5   | VCALBU1-7   |
| Type II    |            |               |             |             |             |
| Transceive | 2,200.00   | 1,200.00      | 1,150.00    | 1,100.00    | 1,050.00    |
| (GSEC)     | VCALBU2NRC | VCALBU2-1     | VCALBU2-3   | VCALBU2-5   | VCALBU2-7   |

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## DIGITAL DATA TRANSMISSION SERVICE

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

MISSOURI  
Public Service Commission

## 4. Rates and Charges (Cont'd)

- a. The following rates and charges apply for Video Transmission Service.
- 
- (Cont'd)

|                                           | <u>Nonrecurring<br/>Charge</u>                                                                                                                                                        | <u>Monthly<br/>Rate</u> |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 2) Video Transmission Service Access Port |                                                                                                                                                                                       |                         |
| Broadcast Quality Connect                 |                                                                                                                                                                                       |                         |
| Type II . . . . .                         | \$125.00                                                                                                                                                                              | \$100.00                |
| (GSEC) . . . . .                          | VCAPNRC                                                                                                                                                                               | VCAPBR                  |
| Commercial Quality Connect                |                                                                                                                                                                                       |                         |
| Type II . . . . .                         | 125.00                                                                                                                                                                                | 100.00                  |
| (GSEC) . . . . .                          | VCAPNRC                                                                                                                                                                               | VCAPCO                  |
| 3) Video Transmission Service Transport   |                                                                                                                                                                                       |                         |
| Broadcast Quality Connect                 |                                                                                                                                                                                       |                         |
| Type I (Per Mile) . . . . .               | None                                                                                                                                                                                  | 35.00                   |
| (GSEC) . . . . .                          |                                                                                                                                                                                       | VCTRBR1                 |
| Type II (Per Mile) . . . . .              | None                                                                                                                                                                                  | 34.50                   |
| (GSEC) . . . . .                          |                                                                                                                                                                                       | VCTRBR2                 |
| Commercial Quality Connect                |                                                                                                                                                                                       |                         |
| Type I (Per Mile) . . . . .               | None                                                                                                                                                                                  | 35.00                   |
| (GSEC) . . . . .                          |                                                                                                                                                                                       | VTRCO1                  |
| Type II (Per Mile) . . . . .              | None                                                                                                                                                                                  | 34.50                   |
| (GSEC) . . . . .                          |                                                                                                                                                                                       | VTRCO2                  |
| Business Quality Connect                  |                                                                                                                                                                                       |                         |
| Type I . . . . .                          | See Sections 12 of the General and Local Exchange<br>Tariff, PSC MO NO. 1, Special Assemblies.                                                                                        |                         |
| Type II . . . . .                         | See Sections D.5 and D.6 for High Capacity 1.544 Mbps<br>(DS1) Rates and Charges. (Applicable rates are the<br>Interexchange Interoffice Channel Terminal and Rate per<br>V-H Miles.) |                         |

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## E. VIDEO TRANSMISSION SERVICE (Cont'd)

**MISSOURI**  
**Public Service Commission**

## 4. Rates and Charges (Cont'd)

- a. The following rates and charges apply for Video Transmission Service. (Cont'd)

|                                                             | <u>Nonrecurring<br/>Charge</u> | <u>Monthly<br/>Rate</u> |
|-------------------------------------------------------------|--------------------------------|-------------------------|
| 4) Video Transmission Service Utilization                   |                                |                         |
| Broadcast Quality Connect                                   |                                |                         |
| Type II (per Gigacell) . . . . .                            | None                           | \$ 12.50                |
| (GSEC) . . . . .                                            |                                | VCUTBR2                 |
| Commercial Quality Connect                                  |                                |                         |
| Type II (per Gigacell) . . . . .                            | None                           | 12.50                   |
| (GSEC) . . . . .                                            |                                | VCUTCO2                 |
| 5) Video Transmission Service Premium Services              |                                |                         |
| Quad Split (per Gigacell) . . . . .                         | None                           | 14.20                   |
| (Commercial Type II<br>Transceive-Switched Service<br>Only) |                                |                         |
| (GSEC) . . . . .                                            |                                | VCQS                    |
| Image Plus Still Frame®                                     |                                |                         |
| Business Quality                                            |                                |                         |
| Type I . . . . .                                            | \$155.00                       | 210.00                  |
| (GSEC) . . . . .                                            | VCIPNRC                        | VCIP1                   |
| Business Quality                                            |                                |                         |
| Type II . . . . .                                           | 155.00                         | 210.00                  |
| (GSEC) . . . . .                                            | VCIPNRC                        | VCIP2                   |

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