CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Adoption Notice
1st Revised Sheet
Replacing Original Sheet

#### ADOPTION NOTICE

(CT) Southwestern Bell Telephone, L.P., d/b/a SBC Missouri, hereby adopts, ratifies, and makes its own, in every respect as if the same had been originally filed by it, all schedules, rules, notices, concurrences, schedule agreements, divisions, authorities, or other instruments whatsoever filed with the Public Service Commission, State of Missouri, by Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company prior to December 30, 2001, the beginning of Southwestern Bell Telephone, L.P.'s possession. By this notice, Southwestern Bell Telephone, L.P., d/b/a SBC Missouri, also adopts and ratifies all supplements or amendments to any of the above schedules, etc., which Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company, has heretofore filed with said (CT) Commission.

Issued: January 17, 2003 Effective: February 16, 2003

Digital Link Services Tariff Adoption Notice Original Sheet 1

#### ADOPTION NOTICE

Missouri Public Service Commission

**RECT** DEC 27 2001

Southwestern Bell Telephone, L.P. hereby adopts, ratifies, and makes its own, in every respect as if the same had been originally filed by it, all schedules, rules, notices, concurrences, schedule agreements, divisions, authorities or other instruments whatsoever filed with the Public Service Commission, State of Missouri, by Southwestern Bell Telephone Company prior to December 30, 2001, the beginning of Southwestern Bell Telephone L.P.'s possession. By this notice, Southwestern Bell Telephone, L.P. also adopts and ratifies all supplements or amendments to any of the above schedules, etc., which Southwestern Bell Telephone Company has heretofore filed with said Commission.

CANCELLED
FEB 1 6 2003
LOY RADOPHON

Effective

Issued: December 27, 2001

By: JAN NEWTON, President-Missouri Division Southwestern Bell Telephone Company

St. Louis, Missouri

JAN 0 9 2002 Missouri Public

FILED JAN 0 9 2002 0 2 - 1 8 5 Service Commission

(CT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Title Sheet
1st Revised Sheet 1
Replacing Original Sheet 1

#### SOUTHWESTERN BELL TELEPHONE, L.P. d/b/a

(CT) SBC MISSOURI

SCHEDULE OF RATES

**FOR** 

**DIGITAL LINK SERVICES** 

Southwestern Bell Telephone, L.P., d/b/a SBC Missouri hereby adopts this tariff.

Applying to its authorized territories within the State of Missouri.

Issued: January 17, 2003 Effective: February 16, 2003



Digital Link Services Tariff
Title Sheet
Original Sheet 1

Missouri Public Service Commission

**RECTI DEC 27 2001** 

SOUTHWESTERN BELL TELEPHONE, L.P. d/b/a
SOUTHWESTERN BELL TELEPHONE COMPANY

SCHEDULE OF RATES

**FOR** 

DIGITAL LINK SERVICES

CANCELLED

FEB 1 6 2003

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FEB 1 6 2003

COMMISSION

Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company hereby adopts this tariff.

Missouri Public

FILED JAN 0 9 2002

Applying to its authorized territories within the State of Missouri Service Commission

Issued: December 27, 2001

Effective

By: JAN NEWTON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

JAN 0 9 2002

Digital Link Services Tariff
Application of Tariff
Original Sheet 1

#### APPLICATION OF TARIFF

This Tariff supersedes DATAPHONE<sup>R</sup> Digital Service Tariff P.S.C. Mo.-No. 33, issued September 10, 1982, effective March 15, 1983, and all supplements and revisions thereto.

This Tariff contains the regulations and rates applicable to Digital Link Services furnished for private line intraLATA intrastate communication by the Southwestern Bell Telephone Company, hereinafter referred to as the Telephone Company, and for Digital Link Services furnished jointly with a connecting company, to the portion of such service furnished by the Telephone company to the point of connection with the service components of another company for which that company's rates and regulations apply, over service components wholly within or partly within the Local Access and Transport Areas (LATA's) of the State of Missouri, between two or more points, all of said points being within LATA's of the State of Missouri.

Registered Trademark of American Telephone and Telegraph Company

Issued: July 15, 1986 Effective: November 17, 1986



Digital Link Services Tariff Application of Tariff Original Sheet 2

#### **EXPLANATION OF SYMBOLS**

- (AT) Indicates addition to text
- (C) Indicates a correction
- (CP) Indicates change in practice
- (CR) Indicates change in rate
- (CT) Indicates change in text
- (DR) Indicates discontinued rate
- (MT) Indicates moved text
- (NR) Indicates new rate
- (RT) Indicates removal of text
- (FC) Indicates a change in format lettering or numbering

Issued: July 15, 1986 Effective: November 17, 1986



Digital Link Services Tariff
Application of Tariff
5th Revised Sheet 3
Replacing 4th Revised Sheet 3

#### APPLICATION OF TARIFF

The following marks, to the extent they are used throughout this Tariff, are Service Marks or Registered Service Marks of Southwestern Bell Telephone Company.

#### Registered Service Marks

MEGALINK II MEGALINK III MICROLINK I MICROLINK II GIGAMAN

#### Service Marks

DOVLINK SECURENET SELECTVIDEO PLUS

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(AT)

Issued: March 31, 2004 Effective: May 1, 2004



No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Application of Tariff
4th Revised Sheet 3
Replacing 3rd Revised Sheet 3

#### REGISTERED TRADEMARKS AND SERVICE MARKS

The following marks, to the extent they are used throughout this Tariff, are Service Marks or Registered Service Marks of Southwestern Bell Telephone Company.

Registered Service Marks

MEGALINK II MEGALINK III MICROLINK I MICROLINK II GIGAMAN RECD NET 33 5003

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Service Marks

DOVLINK SECURENET SELECTVIDEO PLUS

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CANCELLED

MAY 0 1 2003 Public Service Commission

Issued: December 3, 2003

Effective: January 5, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

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Digital Link Services Tariff
Application of Tariff
3rd Revised Sheet 3
Replacing 2nd Revised Sheet 3

#### REGISTERED TRADEMARKS AND SERVICE MARKS

The following marks, to the extent they are used throughout this Tariff, are Service Marks or Registered Service Marks of Southwestern Bell Telephone Company.

#### Registered Service Marks

DEC 0 1 2000

MEGALINK II MEGALINK III MICROLINK I MICROLINK II

MISSOURI
Public Service Commission

Service Marks

DOVLINK SECURENET SELECTVIDEO PLUS GIGAMAN

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JAN 12 2001

Public Service Commission

Issued: December 4, 2000

Effective January & 199

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri JAN 1 2 2001

Digital Link Services Tariff Application of Tariff 2nd Revised Sheet 3 Replacing 1st Revised Sheet 3

REGISTERED TRADEMARKS AND SERVICE MARKS

APR 29 1994

(CT) The following marks, to the extent they are used throughout this Tarage (CT) Service Marks or Registered Service Marks of Southwestern Bell Telephone Companysion

### Registered Service Marks

MEGALINK II MEGALINK III MICROLINK I MICROLINK II

Service Marks

DOVLINK SECURENET SELECTVIDEO PLUS

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JAN 1 2 2001 **Public Service Commission** MISSOURI

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Issued: MAY 0 2 1994

Effective:

JUN 16 1994

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Digital Link Services Tariff
Application of Tariff
1st Revised Sheet 3
Replacing Original Sheet 3

#### REGISTERED TRADEMARKS AND SERVICE MARKS

The following mark, to the extent it is used throughout this tarifREGEIVED Registered Southwestern Bell Telephone Company Service Mark.

Registered Service Mark

MAY 1 5 1989

MEGALINK II MEGALINK III MICROLINK I MICROLINK II MISSOURI
Public Service Commission

CANCELLED

JUN 16 1994

BY A R.S.

Public Service Commission

MISSOURI

Issued:

MAY 15 1989

Effective:

JUL 2 0 1989

FILED

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

89-25789-25 Public Service Commission

JUL 20 1989

Digital Link Services Tariff Application of Tariff Original Sheet 3

#### REGISTERED TRADEMARKS AND SERVICE MARKS

The following mark, to the extent it is used throughout this Tariff, is a registered Southwestern Bell Telephone Company service mark.

### Registered Service Mark

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Public Service Commission

(CT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

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	6	MICROLINK® II– PACKET SWITCHING DIGITAL SERVICE	
	7	TELECOMMUNICATIONS SERVICE PRIORITY (TSP) SYSTEM	
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	9	FRAME RELAY DIGITAL SERVICE	
	10	DOVLINK <sup>SM</sup>	
	11	RESERVED FOR FUTURE USE	
	12	TECHNICAL TRIALS	
	13	SELECTVIDEO PLUS <sup>SM</sup>	
	14	BROADBAND EDUCATIONAL VIDEO CONFERENCING SERVICE	
	15	MULTIPOINT VIDEO SERVICE	
	16	DISTANCE LEARNING SERVICE	
	17	RESERVED FOR FUTURE USE	
	18	ACCESS ADVANTAGE PLUS SERVICE	
® SM	Registered Service Mark of Southwestern Bell Telephone Company Service Mark of Southwestern Bell Telephone Company		

Issued: November 1, 2002 Effective: December 2, 2002



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9	FRAME RELAY DIGITAL SERV	_
10	DOVLINK <sup>sm</sup>	CANCELI FD
11	BUSINESS VIDEO SERVICE	OCT 0 1 2001
12	TECHNICAL TRIALS	Public Service Commission
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15	MULTIPOINT VIDEO SERVICE	·
16	DISTANCE LEARNING SERVICE	CE CE
17	RESERVED FOR FUTURE USE	
18	ACCESS ADVANTAGE PLUS S	ERVICE FILED
19	GigaMAN <sup>sm</sup> SERVICE	· ILEU

<sup>®</sup>Registered Service Mark of Southwestern Bell Telephone Company sm Service Mark of Southwestern Bell Telephone Company

MISSOURI Public Service Commission

JAN 12 2001

Issued: December 4, 2000

(AT)

Effective January 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

JAN 1 2 2001

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®Registered Service Mark of Southwestern Bell Telephone Company smService Mark of Southwestern Bell Telephone Company

FILED NOV - 5 1999

Issued: October 6, 1999

Effective: November 5, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

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	18	ACCESS ADVANTAGE P	Lus service Micsouri Public

<sup>®</sup>Registered Service Mark of Southwestern Bell Telephone Company smService Mark of Southwestern Bell Telephone Company

FILED SEP 181999

Issued: August 19, 1999

Effective: September 18, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

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®Registered Service Mark of Southwestern Bell Telephone Company smService Mark of Southwestern Bell Telephone Company

Issued: **JULY 7, 1999** 

Effective

**AUGUST 6, 1999** 

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

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			Missouri Public Service Commission

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Issued: **AUG** 2 6 1996

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Effective:

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By KAREN E. JENNINGS, President-Missouri Southwestern Bell Telephone St. Louis, Missouri

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6	MICROLINK IIR - PACKET SWITCHING DIGITAL SERVICE
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8	NETWORK RECONFIGURATION SERVICE
9	FRAME RELAY DIGITAL SERVICE
10	DOVLINK <sup>SM</sup>
11	BUSINESS VIDEO SERVICE
12	TECHNICAL TRIALS
13	SELECTVIDEO PLUS <sup>SM</sup>
14	BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE
15	MULTIPOINT VIDEO SERVICE

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Registered Service Mark of Southwestern Bell Telephone Company Service Mark of Southwestern Bell Telephone Company.

JUN 1 1996 9 6 - 4 0 5 MO. PUBLIC SERVICE COMM

Issued: MAR 2 7 1996

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Effective: JUN 1

By HORACE WILKINS, JR., President-Missouri Southwestern Bell Telephone St. Louis, Missouri

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 $^{R}_{\mbox{\footnotesize{Sm}}}$  Registered Service Mark of Southwestern Bell Telephone Company Service Mark of Southwestern Bell Telephone Company.

Issued: \* DEC 1 3 1995

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Effective:

JAN 1 5 1996 FILED

By HORACE WILKINS, JR., President-Missouri Southwestern Bell Telephone St. Louis, Missouri

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11	BUSINESS VIDEO SERVICE
12	TECHNICAL TRIAL OF DISTANCE LEARNING

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SELECTVIDEO PLUS<sup>SM</sup>

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JUN 16 1994 # Public Service Commission MISSOURI

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Issued:

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Effective: JUL 0 7 1993

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10	DOVLINK <sup>Sm</sup>
11	BUSINESS VIDEO SERVICE

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BY 9 R. ST.

Public Service Commission

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Registered Service Mark of Southwestern Bell Telephone Company
Service Mark of Southwestern Bell Telephone Company

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Issued: FEB 0 9 1993

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Effective: MARITA 1933

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10	DOVLINK <sup>SM</sup>

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APR 19 1993

BY 8 19 1993 Public Service Commission MISSOURI

DEC 4 1992

Registered Service Mark of Southwestern Bell Telephone Company

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Registered Service Mark of Southwestern Bell Telephone Company

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DEC - 4 1992

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(AT)

OCT - 5 1992

Effective:

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4	MEGALINK III <sup>R</sup> – WIDEBAND DIGITAL SERVICE/ 1.544 Mbps
5	MICROLINK IR - PUBLIC SWITCHED DIGITAL SERVICE
6	MICROLINK II <sup>R</sup> - PACKET SWITCHING DIGITAL SERVICE
7	TELECOMMUNICATIONS SERVICE PRIORITY (TSP) SYSTEM
8	NETWORK RECONFIGURATION SERVICE
9	FRAME RELAY DIGITAL SERVICE

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Public Service Commission
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Issued: JUL 1 7 1992

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Effective: AUG 1 7 1992

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	6	MICROLINK II <sup>R</sup> - PACKET SWITCHING DIGITAL SERVICE	
	7	TELECOMMUNICATIONS SERVICE PRIORITY (TSP) SYSTEM	
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By R. D. BARRON, President-Missouri Division 00T 5 1989 Southwestern Bell Telephone Company

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St. Louis, Missouri

**Public Service Commission** 

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Public Service Commission

SM Service Mark of Southwestern Bell Telephone Company.

Issued: JUL 15 1986

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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26	CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

Service Mark of SBC Communications, Inc.

(AT) Registered Trademark of SBC Communications, Inc.

Issued: August 10, 2004 Effective: September 10, 2004



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SM Service Mark of SBC Communications, Inc.

Issued: March 31, 2004

Effective: May 1, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Service Gommission

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Issued: December 3, 2003

Effective: January 5, 2004

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SM Service Mark of Southwestern Bell Telephone Company.

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Effective: February 22, 2003

By CINDY BRINKLEY, President-Missouri Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company St. Louis, Missouri

Missouri Public Service Commission FII FD FEB 22 2003

## P.S.C. Mo.- No. 38

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Public Service Commission

Service Mark of Southwestern Bell Telephone Company

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Effective: January 2, 2003

By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

Missouri Public Sorvice Commission

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Missouri Public Service Commission

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<sup>®</sup>Registered Service Mark of Southwestern Bell Telephone Company <sup>sm</sup>Service Mark of Southwestern Bell Telephone Company

Issued: August 31, 2001

Effective: October 1, 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

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By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

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#### REGULATIONS

## 1.1 UNDERTAKING OF THE TELEPHONE COMPANY

## 1.1.1 Scope

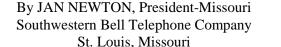
- A. This Tariff section contains the general regulations and definitions governing Digital Link Service furnished by the Telephone Company, except as otherwise specified, or unless the terms and conditions of an individual customer's agreement provided pursuant to the Customers Specific Pricing Plan Tariff, P.S.C. Mo.-No.37 apply.
- B. Digital Link Service is the furnishing of Telephone 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 Telephone Company only or those of the Telephone Company and other telephone companies.
- C. The Telephone Company does not undertake to transmit messages, but offers the use of its service components, where available, to customers for such purposes.

#### 1.1.2 Limitations

- A. 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.
- B. The furnishing of service under this Tariff will require certain physical arrangements of the service components of the Telephone Company and is, therefore, subject to the availability of such service components.
- C. Digital Link Service may be limited in order to comply with orders issued under wartime authority of the President of the United States.

# 1.1.3 Liability

A. The Telephone 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 Telephone 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. No other liability shall in any case attach to the Telephone Company in consideration of such interruptions.



Effective: May 25, 2001

Digital Link Services Tariff
Section 1
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## REGULATIONS

## Missouri Public Service Commission

#### 1.1 UNDERTAKING OF THE TELEPHONE COMPANY

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Issued: August 19, 1999 1, 157 RS | Public Service Commission

Effective: September 18, 1999

BMISSQUENTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff
Section 1
Original Sheet 2

#### REGULATIONS

## 1.1 UNDERTAKING OF THE TELEPHONE COMPANY - (Continued)

- 1.1.3 Liability-(Continued)
  - B. The Telephone Company shall be indemnified and saved harmless by the customer or user against:
    - 1. Claims for libel, slander and infringement of copyright arising from the material transmitted over the service components;
    - Claims for infringement of patents arising from combining with, or using in connection with, service components furnished by the Telephone Company, apparatus and systems of the customer or user; and
    - 3. All other claims arising out of any act of omission of the customer or user in connection with the service components provided by the Telephone Company.
  - C. The Telephone 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 Telephone 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 Telephone 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.

- D. The Telephone 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 Telephone 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 Telephone Company.
- E. The Telephone Company shall in no way be liable for any harm or any damages arising in connection with any failure to properly ground or bond the service, the premises, any structure in which the service is to be provided or used, or any service components, equipment, or associated wiring.



Issued: August 19, 1999

Digital Link Services Tariff
Section 1
Original Sheet 3

#### REGULATIONS

## 1.1 UNDERTAKING OF THE TELEPHONE COMPANY - (Continued)

### 1.1.4 Provision of Service Components

- A. The Telephone Company will provide all service components necessary for Digital Link Service up to the demarcation point 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.
- B. Digital Link Service furnished by the Telephone 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 Paragraph 1.4.4 of this Tariff, or contract beyond the initial period, or both.
- C. The charges specified in the Tariff do not contemplate installation, maintenance or repair work being performed by the Telephone 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 Telephone Company's convenience.

In situations where the customer requests that "standby" Telephone 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.

D. When serving office boundary realignments are necessary at the discretion of the Telephone Company, those Digital Link Services affected by the change will be reconfigured, and this may result in increases or decreases in charges. Any change in charges billed to a Digital Link Service customer will become effective when the serving office area transfer is made.



Effective: September 18, 1999

Digital Link Services Tariff
Section 1
Original Sheet 4

#### REGULATIONS

## 1.1 UNDERTAKING OF THE TELEPHONE COMPANY - (Continued)

- 1.1.4 Provision of Service Components-(Continued)
  - E. When the customer requires the modification of standard service components not otherwise provided in this tariff, the modification can be furnished by the Telephone 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.
  - F. The network interface shall be located in a manner consistent with federal and state regulatory requirements, as set forth in the definition of Demarcation Point in Section 2, Paragraph 2.1, following.

### 1.2 USE

Digital Link Service may be used for the purposes specified in Paragraph 1.2.1, following.

## 1.2.1 Authorized Use

- A. Digital Link Service may be used for transmission of communications to or from the customer's service points and relating to the customer's business.
- B. Digital Link 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.



Digital Link Services Tariff
Section 1
Original Sheet 5

#### REGULATIONS

## 1.2 USE - (Continued)

### 1.2.2 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 Telephone company will refuse to furnish service when it has reasonable grounds to believe that such service will be used in violation of the law.

### 1.2.3 Shared Use

- A. 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 Paragraph 1.5.2, following.
- B. The Telephone 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 Telephone Company only from the customer.
- C. The charges for Digital Link 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 Link Service shall not exceed the total charges billed to the customer by the Telephone Company.



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Original Sheet 6

#### REGULATIONS

### 1.3 OBLIGATIONS OF THE CUSTOMER

## 1.3.1 Customer Responsibilities

The customer shall be responsible for:

- A. Damages to service components of the Telephone 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.
- B. Reimbursing the Telephone Company for a loss through theft of the service components on the customer's premises.
- C. The provision, installation and maintenance of sealed conduit with explosive-proof fittings between service components furnished by the Telephone Company in explosive atmospheres and points outside the hazardous area where connection may be made with regular service components of the Telephone Company and may be required to install and maintain Telephone Company service components within the hazardous area if, in the opinion of the Telephone Company, injury or damage to Telephone Company employees or property might result from installation or maintenance by the Telephone Company.
- D. Obtaining permission for Telephone 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 Telephone Company.
- E. Service components on the customer's premises shall be and remain the property of the Telephone Company.
- F. Furnishing and maintaining poles and/or underground service components on private property. The Telephone Company will not provide on-premises service components for the provision of Digital Link Service.
- G. Grounding and/or bonding the premises and any structure in which service is to be provided or used, as well as any equipment and associated wiring.



Digital Link Services Tariff
Section 1
Original Sheet 7

#### REGULATIONS

## 1.3 OBLIGATIONS OF THE CUSTOMER - (Continued)

### 1.3.2 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 on the Telephone Company side of the Demarcation Point, except upon the written consent of the Telephone Company.

### 1.3.3 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 service charges if the service is assumed exactly as provided to the previous customer.

### 1.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

## 1.4.1 Payment of Charges and Deposits

## A. Advance Payments

Applicants for service who have no account with the Telephone 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 Telephone Company, equal to the service 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.

## B. Payment for Service

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



Digital Link Services Tariff
Section 1
Original Sheet 8

#### REGULATIONS

### 1.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

1.4.1 Payment of Charges and Deposits- (Continued)

## C. Deposits

The Telephone Company may require an applicant or a present customer to post a deposit in accordance with the provisions of the Rules and Regulations Applying to all Customers' Contracts Section of the General Exchange Tariff.

#### 1.4.2 Cancellation for Cause

The Telephone 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.

- 1.4.3 Minimum and Fractional Rates and Charges
  - A. The minimum service period is one month, except when the cost of special construction is such as to necessitate a longer contract period.
  - B. 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 Link 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 Link 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.

C. 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.



Digital Link Services Tariff
Section 1
Original Sheet 9

#### REGULATIONS

## 1.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES – (Continued)

- 1.4.4 Special Construction
  - A. Rates and charges for special construction will be provided as set forth in Section 14 of the Access Services Tariff.
  - B. Special Construction is that construction undertaken:
    - 1. Where service components are not presently available, and there is no other requirement for the service components so constructed.
    - 2. Of a type other that that which the Telephone Company would normally utilize in the furnishing of its services.
    - 3. Over a route other than that which the Telephone Company would normally utilize in the furnishing of its services.
    - 4. In a quantity greater than that which the Telephone Company would normally construct to serve the customer's needs.
    - 5. On a temporary basis until permanent service components are available.
    - 6. Involving abnormal costs.
    - 7. In advance of the normal construction on an expedited basis.
  - C. A request for charges for special construction will be subject to a special Quotation Charge for the Direct administrative and engineering costs associated with the preparation of that particular quotation. The amount of such charges will be credited to the account of the customer when an order for that particular special construction is received within 90 days of the quotation. The customer will authorize, through a designated representative, the request for a quotation before the Telephone Company undertakes any work involved in developing such quotations.



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Section 1
Original Sheet 10

#### REGULATIONS

## 1.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES – (Continued)

### 1.4.5 Change in Service Arrangement

The service 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 Telephone Company.

## 1.4.6 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 that 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.

## 1.4.7 Temporary Surrender of a Service

When, at the request of the Telephone 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.

### 1.4.8 Allowance for Interruptions

If the service is interrupted other than by the negligence of 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 Telephone company.



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Original Sheet 11

#### REGULATIONS

- 1.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES (Continued)
  - 1.4.5 Change in Service Arrangement
  - 1.4.8 Allowances for Interruptions (Continued)
    - A. 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.
    - B. 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.
    - C. For periods of substandard performance as specified in Section 3 of this Tariff, credit allowance from the time of notice by the customer shall be provided as follows:

Length of Interruptions	Credit
Less than 30 minutes	None
30 minutes up to 3 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

## 1.4.9 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.

- A. A charge equal to the estimated costs incurred in such installation, less estimated net salvage.
- B. 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.
- C. Installation of service components for a customer is considered to have started when the Telephone 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 Telephone Company for provision of service.



Digital Link Services Tariff
Section 1
Original Sheet 11.1

### **REGULATIONS**

- 1.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES (Continued)
  - 1.4.10 Change in Service Arrangement
    - A. Expedited Order Charge

The following services can be expedited for an additional charge:

- MegaLink® Digital Service
- MegaLink® 1.5 High Capacity Digital Service
- B. If a customer desires that service be provided on a due date less than the standard interval, which has been established for the order for the provision of the Service, the customer may request that service be provided on an expedited basis.
- C. The provisioning of the expedited request is based upon available facilities and is limited to twelve (12) two-point or six (6) multi-point DS0 circuits at the same location; and a limit of four (4) DS1 circuits at the same location. Expedited order requests do not apply to services that are jointly provided by Southwestern Bell and an Independent Telephone Company.
- D. If the Telephone Company installs the service on the requested date the following charges will apply:

MegaLink ® Digital Service

**USOC: EODDO** 

Expedite Order Charge: \$ ICB

MegaLink ® 1.5 High Capacity Digital Service

USOC: EODD1

Expedite Order Charge: \$ ICB

Issued: April 1, 2002 Effective: May 1, 2002



Digital Link Services Tariff Section 1 Original Sheet 12

#### REGULATIONS

#### 1.5 CONNECTIONS

#### 1.5.1 General

Customer Premises Equipment and Communications Systems provided by the customer may be connected at the customer's premises to Digital Link Service furnished by the Telephone 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 Exchange Tariff.

### 1.5.2 Responsibility of the Customer

- A. 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 Telephone Company, cause electrical hazards to Telephone Company personnel, damage to Telephone Company service components, malfunction of Telephone Company billing equipment or degradation of service to persons other than the user of the subject Customer Premises Equipment of Communications System. Upon notice from the Telephone 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.
- B. The customer shall be responsible for the payment of a nonrecurring Customer Owned Equipment Trouble Isolation Charge, also known as the Maintenance of Service Charge, as found in the Restoration of Service Section of the General Exchange Tariff 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.
- C. The customer shall be responsible for ordering and specifying the type of Digital Link Service required for operation with Customer Premises Equipment or Communications Systems provided by the customer.
- D. Where a customer elects to connect a customer-provided communications system to Digital Link Service, the customer shall be responsible for:
  - 1. Compatibility of the connected communications system to Digital Link Service. This includes the replacing of Network Channel Terminating Equipment (NCTE) due to technological changes in the network.
  - 2. Testing, sectionalization and clearance of trouble conditions or service difficulties on any communications system which is connected to Digital Link Service.



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#### REGULATIONS

### 1.5 CONNECTIONS

## 1.5.3 Responsibility of the Telephone Company

- A. Digital Link 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 Link Service, the responsibility of the Telephone Company shall be limited to the furnishing of service components suitable for Digital Link Service and to the maintenance and operation of such service components in a manner proper for such digital service. Subject to this responsibility, the Telephone Company shall not be responsible for: (1) the through transmission of signals generated by the Customer Premises Equipment of 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.
- B. The Telephone 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 Link Service.
- C. The Telephone 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 Telephone Company used in providing Digital Link Service.

### 1.5.4 Violation of Regulations

Issued: August 19, 1999

When any Customer Premises Equipment or Communications System is used with Digital Link Service in violation of any of the provisions in this Section, the Telephone Company will take such immediate action as necessary for the protection of the telecommunications network and Telephone 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 Telephone 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.



Effective: September 18, 1999

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#### REGULATIONS

- 1.5 CONNECTIONS (Continued)
  - 1.5.5 Connections of Customer Premises Equipment and Communications Systems
    - A. The customer shall be responsible for providing any required Digital Network Channel Terminating Equipment (NCTE). The undertaking of the Telephone Company is to furnish Digital Link Service as ordered and specified by the customer up to the Demarcation Point.
    - B. Unless a specific waiver has been granted by the Federal Communications Commission, or except as otherwise provided in C., following, all connections of registered equipment to services furnished by the Telephone Company will be made through a point of demarcation. In most cases, this will be through a Telephone Company-provided standard jack. For simple wiring where there is no Telephone Company provided standard jack at the Demarcation Point, customers may make connections by direct attachment to Company-installed wiring at points on the customer's side up to and including at the Demarcation Point. In the case of registered communications systems utilizing complex wiring, a method of connection, jacks, terminal strips, etc., will be provided by the Telephone Company.
    - C. The requirement for the use of standard jacks as described in B., preceding, is waived for registered equipment which is located in hazardous or inaccessible locations.

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Section 1
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#### REGULATIONS

## 1.5 CONNECTIONS – (Continued)

#### 1.5.6 Accessories

Accessories provided by customers may be used with Digital Link Service provided that such accessories comply with the provisions of Paragraph 1.5.2., preceding.

### 1.5.7 Channel Derivation Devices

A. Customer-provided channel derivation devices that are used to create additional channels in accordance with Paragraphs 1.5.7, B. and C., following, may be connected to Digital Link Service subject to Paragraph 1.5.2., preceding.

- B. Subject to the normal transmission characteristics of the Digital Link 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.
- C. The Telephone 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.
- D. 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 Telephone Company tariffs for these other services.
- 1.5.8 Connection to Other Services Furnished by the Telephone Company to the Same Customer or Different Customers

Digital Link Service provided by the Telephone Company may be connected to another Digital Link Service or the following other services provided by the Telephone Company at the Customer's premises:

- Local Exchange Telephone Service
- Private Line Service
- Long Distance Message Telecommunications Service
- Wide Area Telecommunications Service



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### REGULATIONS

- 1.5 CONNECTIONS (Continued)
  - 1.5.8 Connection to Other Services Furnished by the telephone Company to the Same Customer or Different customers-(Continued)

Digital Link Service may be connected to other Digital Link Services provided by the Telephone Company at a designated Digital Hub location through the use of certain Additional Service Features available in other Sections of this Tariff.

- 1.5.9 Connection to Interexchange Customer-Provided Communications Systems
  - A. Connections of Digital Link Service to Interexchange Customer-Provided Communications Systems can be made at the premises of the customer in accordance with the preceding regulations in this Tariff. All arrangements concerning the connection to an Interexchange Customer-Provided Communications System to Digital Link Service shall be made by the customer with the Interexchange Customer. The furnishing of Digital Link Service by the Telephone Company is not a joint undertaking with the Interexchange Customer.
  - B. The Interexchange Customer referenced in this Section is as follows:

## Interexchange Customer

None

1.5.10 Connection of Network Channel Terminating Equipment

Effective January 2, 1986, in accordance with the Federal Communication Commission's Memorandum Opinion and Order in CC Docket 81-216, (FCC 85-564), Part 68 of the Federal Communications Commission's Rules and Regulations (Registration Program), was amended to provide for inclusion of Network Channel Terminating Equipment (NCTE) for direct connection to subrate and high capacity digital services. The following dates and regulations were established.

A. Grandfathered Equipment - Terminal equipment, including its premises wiring and protective apparatus (if any) and multiline terminating systems that were directly connected to subrate digital services on January 2, 1986, may remain connected and be reconnected to such digital services for life without registration, unless subsequently modified.



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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 1
1st Revised Sheet 17
Replacing Original Sheet 17

#### REGULATIONS

## 1.5 CONNECTIONS – (Continued)

- 1.5.10 Connection of Network Channel Terminating Equipment (Continued)
  - B. Interim Installations An interim program established by the Federal Communications Commission and the Telephone Company allowed for connection of terminal equipment, including premises wiring and protective apparatus (if any) to be installed (including additions to existing systems) up to June 30, 1987, without registration of any terminal equipment involved, provided that these terminal equipments were of a type directly connected to subrate or 1.544 Mbps digital services as of January 2, 1986, or they appeared on the interim program summary for approved equipment. Any equipment connected pursuant to this interim program may require modification at the owner's expense in response to Part 68 of the Rules as adopted by the Federal Communications Commission.
  - C. Registered Only Equipment Any terminal equipment connected to subrate or 1.544 Mbps digital services after June 30, 1987 must comply with Part 68 of the Federal Communications Commission's Rules and Regulations (Registration Program). The equipment must also comply with the requirements of Technical Reference Publications 62411 and/or 62310.

#### 1.6 METHOD OF APPLYING RATES

#### 1.6.1 General

The method of applying rates for Digital Link Service channels and Additional Service Features is provided in following sections of this tariff.

## 1.6.2 Exceptions

In those cases where one customer premises involved in an intraLATA interexchange Digital Link Service is located in a different Local Exchange Telephone 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 Link Service located wholly within each exchange will be rated pursuant to that Local Exchange Telephone Company's Tariff.
- B. The rate for the applicable intraLATA interoffice per mile mileage will be the rate in each Local Exchange Telephone Company's tariff. Each Local Exchange Telephone Company's charge for the per mile mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Telephone Company's rate for the airline (V-H) mileage between the customer's Serving Offices, the Serving Office and a Digital Hub or between Digital Hubs.

Issued: April 25, 2001 Effective: May 25, 2001



Digital Link Services Tariff Section 1 Original Sheet 17

Missouti Public Service Commission

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REGULATIONS

## 1.5 CONNECTIONS – (Continued)

## 1.5.10 Connection of Network Channel Terminating Equipment - (Continued)

B. Interim Installations - An interim program established by the Federal Communications Commission and the Telephone Company allowed for connection of terminal equipment, including premises wiring and protective apparatus (if any) to be installed (including additions to existing systems) up to June 30, 1987, without registration of any terminal equipment involved, provided that these terminal equipments were of a type directly connected to subrate or 1.544 Mbps digital services as of January 2, 1986, or they appeared on the interim program summary for approved equipment. Any equipment connected pursuant to this interim program may require modification at the owner's expense in response to Part 68 of the Rules as adopted by the Federal Communications Commission.

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### 1.6 METHOD OF APPLYING RATES

#### 1.6.1 General

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#### 1.6.2 **Exceptions**

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

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Issued: August 19, 1999

Effective: September 18, 1999

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1st Revised Sheet 18
Replacing Original Sheet 18

#### REGULATIONS

## 1.6 METHOD OF APPLYING RATES – (Continued)

## 1.6.2 Exceptions - (Continued)

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C. The rate for the applicable intraLATA interoffice fixed mileage will be one-half (50 percent) of the rate in each Local Exchange Telephone Company's tariff.

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In those cases where an intraLATA intraexchange Digital Link Service has service components in Missouri and another state, the method of applying rates in Paragraphs 1.6.1 and 1.6.2 is modified to apply the charges for that portion of the Digital Link Service located in the other state pursuant to the state's tariff.

### 1.6.3 Determination of V-H Mileages

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

## A. Determination of V-H Coordinates

Interoffice Channels
The rate distance is measured between Serving Offices or the Serving Office and a Digital or NRS Hub or between Digital or NRS Hubs, within the same LATA for the Interoffice Channel. The V-H coordinates for the Serving Offices, Digital Hubs and NRS Hubs are listed in the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff.

## B. Calculation of V-H Mileage

- 1. Determine the difference between the "V" coordinates for the Serving Offices, or the Digital or NRS 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.
- 2. Square each difference obtained in Paragraph 1., above.
- 3. Add the squares of the "V" difference and the "H" difference obtained in Paragraph 2., above.
- 4. Divide the sum of the squares obtained in Paragraph 3., above, by ten.
- 5. Obtain the square root of the result obtained in Paragraph 4., above. This distance is the rate distance in V-H miles. Fractional mileage distances should be rounded to the next higher full mile.



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Original Sheet 18

### REGULATIONS

Missouri Public Service Commission

### 1.6 METHOD OF APPLYING RATES – (Continued)

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### 1.6.2 Exceptions - (Continued)

A. The service components for that portion of the intraLATA interexchange Digital Link Service located wholly within each exchange will be rated pursuant to that Local Exchange Telephone Company's Tariff.

- B. The rate for the applicable intraLATA interoffice per mile mileage will be the rate in each Local Exchange Telephone Company's tariff. Each Local Exchange Telephone Company's charge for the per mile mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Telephone Company's rate for the airline (V-H) mileage between the customer's Serving Offices, the Serving Office and a Digital Hub or between Digital Hubs.
- C. The rate for the applicable intraLATA interoffice fixed mileage will be one-half (50 percent) of the rate in each Local Exchange Telephone Company's tariff.

## 1.6.3 Determination of V-H Mileages

The rate distances for MEGALINK II - Premium Digital Service channels should be determined as follows:

### A. Determination of V-H Coordinates

- Interoffice Channels

The rate distance is measured between Serving Offices or the Serving Office and a Digital or NRS Hub or between Digital or NRS Hubs, within the same LATA for the Interoffice Channel. The V-H coordinates for the Serving Offices, Digital Hubs and NRS Hubs are listed in the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff.

## B. Calculation of V-H Mileage

- 1. Determine the difference between the "V" coordinates for the Serving Offices, or the Digital or NRS 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.
- 2. Square each difference obtained in Paragraph 1., above.
- 3. Add the squares of the "V" difference and the "H" difference obtained in Paragraph 2., above.
- 4. Divide the sum of the squares obtained in Paragraph 3., above, by ten.
- 5. Obtain the square root of the result obtained in Paragraph 4., above. This distance is the rate distance in V-H miles. Fractional mileage distances should be rounded to the next higher full

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Public Service Commission
MISSOURI

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Effective: September 18, 1999

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### **REGULATIONS**

- 1.6 METHOD OF APPLYING RATES (Continued)
  - 1.6.3 Determination of V-H Mileages (Continued)
    - B. Calculation of V-H Mileage (Continued)
      - 5. (Continued)

Examples:

- Interoffice Channel to a Digital Hub

Ladue Digital Hub 
$$6818$$
  $3517$ 
Sappington Serving Office  $6839$   $3502$ 
difference  $21$   $15$ 
sum of the squares =  $441 + 225 = 666$ 

$$\sqrt{\frac{666}{10}}$$
 = 8.16 = 9 V-H Miles

### 1.7 SPECIAL TAXES, FEES AND CHARGES

### 1.7.1 General

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 Telephone Company by any taxing body or authority, whether by statute, ordinance, law or otherwise, and whether presently due to hereafter become due.

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.



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#### REGULATIONS

- 1.7 SPECIAL TAXES, FEES AND CHARGES (Continued)
  - 1.7.1 General (Continued)
    - 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 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.

- 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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## Digital Link Services

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(CT) 2.1 Definitions 1-10

Issued: March 26, 1993 Effective: April 11, 1993



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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
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Digital Link Services

MISSOURI
Public Service Commission

Sheet

1-8

2.1 Definitions

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Public Service Commission
MISSOURI

Digital Link Services Tariff
Section 2
4th Revised Sheet 1
Replacing 3rd Revised Sheet 1

### **DEFINITIONS**

#### 2.1 DEFINITIONS

This section provides definitions of terms used throughout this tariff. Some terms may be applicable to any Digital Link Service described herein. Terms that are applicable to a specific service may have that service designation appear following the term.

<u>Accessories</u> - Devices which are mechanically attached to, or used with, the service components furnished by the Telephone Company and which are independent of, and not electrically, acoustically or inductively connected to the conductors in the communications path of the Telephone Company service components.

<u>Asynchronous</u> - Denotes a type of data transmission that is not related to a specific frequency or to the timing of the transmission facility. The data transmission is characterized by individual characters, encapsulated with start and stop bits, from which a receiver derives the necessary timing for sampling bits and start/stop transmission.

<u>Automatic Line</u> - An optional feature available with the MicroLink I Site Link which causes an automatic connection to a predetermined destination whenever the Site Link is taken off hook at the

<u>B Channel (Bearer Channel)</u> - A communication path capable of transmitting information at a speed of up to 64 Kbps. This communication path may be used by a SelectVideo Plus customer for data mode calls to provide data and/or video communications between customer specified locations.

<u>Bandwidth</u> - the amount of information a customer can send or receive over a single connection in a specified period of time. Bandwidth is typically specified in Kilobits per second (Kbps).

<u>Bit</u> - The smallest unit of information in the binary system of notation.

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<u>Call Destination End (MICROLINK II)</u> - This is the end point that the call originator is trying to reach. Typically this would be the end of a virtual circuit supported by an information provider with Direct Access to the Packet Switching Network.

<u>Call Originating End (MICROLINK II)</u> - This is the beginning point of a virtual circuit. Typically, this would be the end of a virtual circuit supported by a user requesting information.

Issued: November 1, 2002 Effective: December 2, 2002



# CANCELLED

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 2
RECEPTION 1

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Replacing 2nd Revised Sheet 1

2.1 DEFINITIONS

Public Service Commission

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Automatic Line - An optional feature available with the MicroLink I Site Link which causes an automatic connection to a predetermined destination whenever the Site Link is taken off hook at the customer's Site Link location.

<u>B Channel (Bearer Channel)</u> - A communication path capable of transmitting information at a speed of up to 64 Kbps. This communication path may be used by a SelectVideo Plus customer for data mode calls to provide data and/or video communications between customer specified locations.

Bandwidth - the amount of information a customer can send or receive over a single connection in a specified period of time. Bandwidth is typically specified in Kilobits per second (Kbps).

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

Business Video Local Distribution Channel - A channel with two-way transmission capability for a standard 525-line/60-field monochrome or National Television Systems Committee (NTSC) - System M color video signal and an associated audio signal in the 7 kHz frequency range.

Call Destination End (MICROLINK II) - This is the end point that the call originator is trying to reach. Typically this would be the end of a virtual circuit supported by an information provider with Direct Access to the Packet Switching Network.

Call Originating End (MICROLINK II) - This is the beginning point of a virtual circuit. Typically, this would be the end of a virtual circuit supported by a user requesting information.

Issued: MAY 2 4 1994

Effective:

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Digital Link Services Tariff Section 2 2nd Revised Sheet 1 Replacing 1st Regised Sheet 1

**DEFINITIONS** 

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Digital Link Services Tariff Section 2 1st Revised Sheet 1 Replacing Original Sheet 1

**DEFINITIONS** 

#### 2.1 DEFINITIONS

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This section provides definitions of terms used throughout this Walder All Some terms may be applicable to any Digital Link Service Plesic Dedy hereinmissio Terms that are applicable to a specific service may have that service designation appear following the term.

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

Asynchronous - Denotes a type of data transmission that is not related to a specific frequency or to the timing of the transmission facility. The data transmission is characterized by individual characters, encapsulated with r start and stop bits, from which a receiver derives the necessary (Alming For sampling bits and start/stop transmission.

Bit - The smallest unit of information in the binary system of notable on \$1994

Business Video Local Distribution Channel - A channel with two-way transmission capability for a standard 525-line/60-field monocarome pace Commission National Television Systems Committee (NTSC) - System M color Wildeo National Television Systems Committee and an associated audio signal in the 7 kHz frequency range.

Call Destination End (MICROLINK II) - This is the end point that the call originator is trying to reach. Typically this would be the end of a virtual circuit supported by an information provider with Direct Access to the Packet Switching Network.

Call Originating End (MICROLINK II) - This is the beginning point of a virtual circuit. Typically, this would be the end of a virtual circuit supported by a user requesting information.

Channel(s) - An electrical or photonic communications path for intraLATA digital transmission between two or more service points. Channels may be comprised of local distribution and interoffice components as required. A channel may be furnished in such manner as the Telephone company may elect, whether by wire, radio, fiber optics or a combination thereof, and whether or not by means of a single physical facility or route.

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 Telephone Company to perform data switching for others.

Issued: FEB 0 9 1993

Digital Link Services Tariff
Section 2
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**DEFINITIONS** 

JUN 28 1991

### 2.1 DEFINITIONS

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This section provides definitions of terms used throughout the straightful of the service of the service described herein. Terms that are applicable to a specific service may have that service designation appear following the term.

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

Asynchronous - Denotes a type of data transmission that is not related to a specific frequency or to the timing of the transmission facility. The data transmission is characterized by individual characters, encapsulated with start and stop bits, from which a receiver derives the necessary timing for sampling bits and start/stop transmission.

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

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Packet Switching Network.

Call Originating End (MICROLINK II) - This is the beginning point of mission virtual circuit. Typically, this would be the end of a virtual circuit supported by a user requesting information.

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<u>Composite Data Service</u> - The combined use of terminal and data switching equipment provided by a Composite Data Service Vendor with the use of telecommunications services of the Telephone 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 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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Effective: AUG - 2 1931

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Digital Link Services Tariff
Section 2
Original Sheet 1.01

#### **DEFINITIONS**

## 2.1 DEFINITIONS-(Continued)

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<u>Channel(s)</u> - An electrical or photonic communications path for intraLATA digital transmission between two or more service points. Channels may be comprised of local distribution and interoffice components as required. A channel may be furnished in such manner as the Telephone company may elect, whether by wire, radio, fiber optics or a combination thereof, and whether or not by means of a single physical facility or route.

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Issued: May 02, 1994 Effective: June 16, 1994



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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 2
3rd Revised Sheet 2
Replacing 2nd Revised Sheet 2

#### **DEFINITIONS**

## 2.1 DEFINITIONS-(Continued)

<u>Composite Data Service Vendor</u> - A customer that has been certified by the proper state or municipal regulatory body 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.

<u>Concurring Carrier</u> - Any carrier (other than a Connecting Carrier) which is fully subject to the Communications Act of 1934, as amended, which instead of filing its own tariffs, concurs in and assents to schedule of charges and regulations filed in its behalf by an Issuing Carrier. (An Issuing Carrier is a carrier, subject to the Communications Act of 1934, as amended, which published and files tariffs with the appropriate regulatory body.)

<u>Connecting Company</u> - A corporation, association, firm or individual owning and operating one or more exchanges and with whom traffic is interchanged.

<u>Customer</u> - The person, firm or corporation which orders service and is responsible for the payment of charges and compliance with Telephone Company regulations. A customer for Digital Link Services must have a communications 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 Link 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.

<u>Customer Alerting</u> - Provides the capability of activating and deactivating an alerting tone on subscriber lines served from suitably equipped end offices within a MicroLink II Primary Market Area. The alerting tone is provided in the form of an intermittent dial tone and serves as notification that some type of action is warranted, i.e., a message is waiting for retrieval.

<u>Customer-Provided Communications System</u> - Denotes service components provided by a customer or user which are capable, when not connected to Digital Link Services, of communications between customer provided terminal equipment.

<u>Customer Premises Equipment</u> - Communications devices, apparatus and their associated wiring provided by a customer or user which do not constitute a communications system.

Issued: March 31, 1993 Effective: April 30, 1993

Digital Link Services Tariff Section 2 2nd Revised Sheet 2 Replacing 1st Revised Sheet ED

DEFINITIONS

2.1 DEFINITIONS-(Continued)

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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 message remains unaltered.

Issued: FEB 0 9 1993

Effective: HAR 1 1993

Digital Link Services Tariff Section 2 1st Revised Sheet 2 Replacing Original Sheet 2

**DEFINITIONS** 

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# 2.1 DEFINITIONS-(Continued)

MISSOURI Concurring Carrier - Any carrier (other than a Connecting Carrier) which mission fully subject to the Communications Act of 1934, as amended, which instead of filing its own tariffs, concurs in and assents to schedule of charges and regulations filed in its behalf by an Issuing Carrier. (An Issuing Carrier is a carrier, subject to the Communications Act of 1934, as amended, which published and files tariffs with the appropriate regulatory body.)

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Demarcation Point - The point (referred to as Demarc Point or Network Interface) of interconnection between the Telephone Company's facilities and the wiring at the subscriber's premises. The Demarc Point shall consist of wire or a jack conforming to Subpart F of Part 68 of the Federal Communications Commission's Rules and Regulations. The Demarc Point will generally bel

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Issued: DEC 1 0 1991

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Digital Link Services Tariff
Section 2
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**DEFINITIONS** 

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#### 2.1 DEFINITIONS-(Continued)

MISSOURI

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- The service is provided for the transmission of communications relations directly to the business of a subsidiary corporation over which MISSOURI customer exercises control through ownership of more than 50 percent of the voting stock; or
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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 message remains unaltered.

<u>Detailed Report (MICROLINK II)</u> - Provides a paper printout of call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

Issued: 3UL - 2 1991

Effective: AUG - 2 1991

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Digital Link Services Tariff
Section 2
5th Revised Sheet 2.01
Replacing 4th Revised Sheet 2.01

#### **DEFINITIONS**

# 2.1 DEFINITIONS-(Continued)

<u>D Channel (Delta Channel)</u> - A communications path set up to transmit data in packet forms at speeds up to 64 Kbps. This communications path is designated to send and receive signaling messages.

<u>Data Switching</u> - 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 message remains unaltered.

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The network interface may be located at a point other than the normal demarcation point where the network interface is already established by the presence of network equipment with the effective date of this Tariff. For multiunit structures (e.g., apartments, college campuses, shopping centers) the structure owner shall make the final decision on whether the structure shall be treated as a multipremise structure with one demarcation point per premise or, as a single premise with one demarcation point for the entire structure. The structure owner shall have the option of having the demarcation point placed at a location other than that determined by the Telephone Company provided the structure owner pays any additional construction costs and such location is consistent with the minimum point of entry standard.

Upon request of the subscriber or their agent, the Telephone Company shall provide additional regulated network entrance facilities and/or demarcation arrangements in single tenant multiunit or multibuilding situations. Such arrangements shall be made in accordance with Section 5, Paragraph 5.4, (Special Construction), of the General Exchange Tariff. Each additional regulated network entrance facility will terminate in a demarcation arrangement located at a minimum point of entry within a specified designated telecommunications equipment space.

With regard to premises for any structure that is built to be mobile (e.g., mobile homes, recreational vehicles), the Telephone Company may place the Demarc Point on a post or pole at or near the pad where such structure is intended to rest. Boat docks and similar premises may be treated by the Telephone Company as single unit premises, with the Demarc Point being placed on the shore.

<u>Detailed Report (MICROLINK II)</u> - Provides a paper printout of call set-ups, connect time, and kilosegments transmitted and received for every session per customer account.

Issued: July 9, 1997 Effective: August 29, 1997



Digital Link Services Tariff
Section 2
4th Revised Sheet 2.01
Replacing 3rd Revised Sheet 2.01

**DEFINITIONS** 

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#### 2.1 DEFINITIONS-(Continued)

NOV 1 1994

D Channel (Delta Channel) - A communications path set up to transmit data in packet forms at speeds up to 64 Kbps. This communications open blics FRVICE COMM. designated to send and receive signaling messages.

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With regard to premises for any structure that is built to be mobile (e.g., mobile homes, recreational vehicles), the Telephone Company may place the Demarc Point on a post or pole at or near the pad where such structure is intended to rest. Boat docks and similar premises may be treated by the Telephone Company as single unit premises, but the Demarc Point being placed on the shore.

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Issued: NOV 0 1 1994

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Effective: DEC 0 1 1994

MISSOURI Public Service Commission

Digital Link Services Tariff
Section 2
3rd Revised Sheet 2.01
Replacing 2nd Revised Sheet 2.01

**DEFINITIONS** 

APR 29 1994

2.1 DEFINITIONS-(Continued)

MISSOURI Public Service Commission

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With regard to premises for any structure that is built to be mobile (e.g., mobile homes, recreational vehicles), the Telephone Company may place the Demarc Point on a post or pole at or near the pad where such structure is intended to rest. Boat docks and similar premises may be treated by the Telephone Company as single unit premises, with the Demarc Point being placed on the shore.

Detailed Report (MICROLINK II) - Provides a paper printout of call set ups connect time, and kilocharacters transmitted and received for every session per customer account.

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Digital Link Services Tariff
Section 2
2nd Revised—Sheet 2.01
Replacing 1st Revised Sheet 2.01
MAR 20 1993

DEFINITIONS

2.1 DEFINITIONS-(Continued)

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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 message remains unaltered.

Demarcation Point - The point (referred to as Demarc Point or Network Interface) of interconnection between the Telephone Company's facilities and the wiring at the subscriber's premises. The Demarc Point shall consist of wire or a jack conforming to Subpart F of Part 68 of the Federal Communications Commission's Rules and Regulations. The Demarc Point will generally be within twelve inches of the protector or, absent a protector, within twelve inches of the entry point to the customer's premises. If conforming to the twelve inches is unrealistic or technically impossible, the Demarc Point will be the most practicable minimum point of entry to the customer's premises.

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With regard to premises for any structure that is built to be mobile (e.g., mobile homes, recreational vehicles), the Telephone Company may place the Demarc Point on a post or pole at or near the pad where such structure is intended to rest. Boat docks and similar premises may be treated by the Telephone Company as single unit premises, with the Demarc Point being placed on the shore.

Detailed Report (MICROLINK II) - Provides a paper printout of call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

Issued: MAR 3 1 1993

Effective:

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By A. D. ROBERTSON, Assistant Vice President-External Affairs Service Company
St. Louis, Missouri

Digital Link Services Tariff
Section 2
1st Revised Sheet 2.01
Replacing Original Sheet 2.01

**DEFINITIONS** 

2.1 DEFINITIONS-(Continued)

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Demarcation Point - The point (referred to as Demarc Point or Network) Interface) of interconnection between the Telephone Company's facilities and the wiring at the subscriber's premises. The Demarc Point'shall consist of wire or a jack conforming to Subpart F of Part 68 of the Federal Communications Commission's Rules and Regulations. The Demarc Point will generally be within twelve inches of the protector or, absent a protector, within twelve inches of the entry point to the customer's premises. If conforming to the twelve inches is unrealistic or technically impossible, the Demarc Point will be the most practicable minimum point of entry to the customer's premises.

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Detailed Report (MICROLINK II) - Provides a paper printout of call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

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Issued: FEB 0 8 1993

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Digital Link Services Tariff Section 2 Original Sheet 2.01

**DEFINITIONS** 

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2.1 DEFINITIONS-(Continued)

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Demarcation Point-(Continued) - within twelve inches of the protector or, absent a protector, within twelve inches of the entry point to with Ouril customer's premises. If conforming to the twelve inches is increased in technically impossible, the Demarc Point will be the most practicable minimum point of entry to the customer's premises.

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(MT) Detailed Report (MICROLINK II) - Provides a paper printout of call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

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Effective: WAY - 9 1992

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 2
5th Revised Sheet 3
Replacing 4th Revised Sheet 3

#### **DEFINITIONS**

# 2.1 DEFINITIONS-(Continued)

<u>Digital Connectivity</u> - The availability of digital facilities to connect all customer premises on a specific circuit. Special routing may be required in certain instances to provide digital connectivity.

<u>Digital Hub</u> - Designated Telephone Company office where certain Additional Service Features can be provided for Digital Link Service Channels. Digital Hub locations are specified in the appropriate National Exchange Carrier Association, Inc. Wire Center Information Tariff.

<u>Direct Access (MICROLINK II)</u> - A dedicated access line form the customer's premises to the Packet Switching Network. Includes all necessary Telephone Company service components.

<u>Duplex Operation</u> - A mode of operation which permits customers to communicate in both directions simultaneously. (Also referred to as Full Duplex Operation.)

<u>Equipment Space</u> - An area or areas, agreed upon by the subscriber and The Telephone Company, located on or within a structure that is specifically designated for the purpose of terminating regulated Telephone Company provided services and facilities. The necessary security, lighting, commercial power and environmental controls are provided within this area.

<u>Exchange</u> - Denotes a unit established by the Telephone 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 service offices together with the associated plant used in furnishing communications service within that area.

<u>Extended RPOA Selection (MICROLINK II)</u> - Allows the customer to select one or more transit networks for an inter-network call to traverse.

<u>Fast Select (MICROLINK II)</u> - Allows limited amounts of customer specific data to be sent and received during the call setup and teardown phase.

<u>Fully Configured ISDN Primary Rate Interface</u> - A fully configured PRI is one where all 24 channels are equipped for service.

<u>Hunting</u> - The multichannel MicroLink I Site Links (336 Kbps and 1.344 Mbps) are equipped with Hunting as a standard feature. The first channel is assigned a telephone number and when a call to this number is originated, the call hunts sequentially through all numbers in this group until an available channel is found. A Subgroup Arrangement is available and includes an additional telephone number. With this arrangement the customer can predefine the hunting activity within the groups. For example, channels 1 through 12 can be in the original hunt group associated with the telephone number assigned to channel 1 and channels 13 through 24 can be in the second group associated with a telephone number assigned to channel 13.

Issued: July 9, 1997 Effective: August 29, 1997



Digital Link Services Tariff
Section 2
Athr Revised Sheet 3
Replacing 370 Revised Sheet 3

DEFINITIONS

2.1 DEFINITIONS-(Continued)

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Fast Select (MICROLINK II) - Allows limited amounts of customer specific data to be sent and received during the call setup and teardown phase.

Fully Configured ISDN Primary Rate Interface - A fully configured PRI is one where all 24 channels are equipped for service.

Hunting - The multichannel MicroLink I Site Links (336 Kbps and 1.344 Mbps) are equipped with Hunting as a standard feature. The first channel is assigned a telephone number and when a call to this number is originated, the call hunts sequentially through all numbers in this group until an available channel is found. A Subgroup Arrangement is available and includes an additional telephone number with this arrangement the customer can predefine the hunting activity (Channels 1 through 12 can be in the original hunt group associated with the telephone number assigned to channel 1 and channels 130 through 24 can be in the second group associated with a telephone number assigned to channel 13.

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By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations Southwestern Bell Telephone Company

St. Louis, Missouri

Digital Link Services Tariff
Section 2
Brd Revised Sheet 3
Replacing 2nd Revised Sheet 3

DEFINITIONS

2.1 DEFINITIONS-(Continued)

APR 29 1994

Digital Connectivity - The availability of digital facilities Socionnect all customer premises on a specific circuit. Special routing Sarving Commission certain instances to provide digital connectivity.

<u>Digital Hub</u> - Designated Telephone Company office where certain Additional Service Features can be provided for Digital Link Service Channels. Digital Hub locations are specified in the appropriate National Exchange Carrier Association, Inc. Wire Center Information Tariff.

<u>Direct Access (MICROLINK II)</u> - A dedicated access line form the customer's premises to the Packet Switching Network. Includes all necessary Telephone Company service components.

<u>Duplex Operation</u> - A mode of operation which permits customers to communicate in both directions simultaneously. (Also referred to as Full Duplex Operation.)

Exchange - Denotes a unit established by the Telephone 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 service offices together with the associated plant used in furnishing communications service within that area.

Extended RPOA Selection (MICROLINK II) - Allows the customer to selection or more transit networks for an inter-network call to traverse. CANCELIAND

Fast Select (MICROLINK II) - Allows limited amounts of customer specific 1994 data to be sent and received during the call setup and teardown patter.

(AT) Pully Configured ISDN Primary Rate Interface - A fully configured TRI is Commission where all 24 channels are equipped for service.

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<u>Interexchange Customer(s) (IC)</u> - 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).

Interoffice Channel - A two-point transmission path between Serving Offices, between a Serving Office and a Digital Hub, between Digital Hubs or between a Digital Hub and an NRS Hub.

IntraLATA Service - Digital Link Service where the originating service point and the terminating service point(s) locations are all within the same botal Access and Transport Area (LATA).

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Digital Link Services Tariff
Section 2

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Replacing 1st Revised Sheet

**DEFINITIONS** 

MAR 29 1993

# 2.1 DEFINITIONS-(Continued)

Digital Connectivity - The availability of digital facilities to MISSOURI customer premises on a specific circuit. Special routing muy ice Service Commission certain instances to provide digital connectivity.

<u>Digital Hub</u> - Designated Telephone Company office where certain Additional Service Features can be provided for Digital Link Service Channels. Digital Hub locations are specified in the appropriate National Exchange Carrier Association, Inc. Wire Center Information Tariff.

Direct Access (MICROLINK II) - A dedicated access line form the customer premises to the Packet Switching Network. Includes all necessary relephone Company service components.

Duplex Operation - A mode of operation which permits customers town 161994 communicate in both directions simultaneously. (Also referred to as FALL Duplex Operation.)

Exchange - Denotes a unit established by the Telephone Company or aMISSOURI 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 service offices together with the associated plant used in furnishing communications service within that area.

(AT) Extended RPOA Selection (MICROLINK II) - Allows the customer to select one or more transit networks for an inter-network call to traverse.

Fast Select (MICROLINK II) - Allows limited amounts of customer specific data to be sent and received during the call setup and teardown phase.

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).

Interoffice Channel - A two-point transmission path between Serving Offices, between a Serving Office and a Digital Hub, between Digital Hubs or between a Digital Hub and an NRS Hub.

IntraLATA Service - Digital Link Service where the originating service point and the terminating service point(s) locations are all within the same Local Access and Transport Area (LATA).

Kilobits Per Second (Kbps) - Equivalent to one thousand bits per second.

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Digital Link Services Tariff Section 2 1st Revised Sheet 3 Replacing Original Sheet 3

DEFINITIONS

2.1 DEFINITIONS-(Continued)

JUN 30 1992

Digital Connectivity - The availability of digital facilities to connect all customer premises on a specific circuit. Special routing may be sequited in certain instances to provide digital connectivity. Public Service Commission

Digital Hub - Designated Telephone Company office where certain Additional Service Features can be provided for Digital Link Service Channels. Digital Hub locations are specified in the appropriate National Exchange Carrier Association, Inc. Wire Center Information Tariff.

Direct Access (MICROLINK II) - A dedicated access line form the customer's premises to the Packet Switching Network. Includes all necessary Telephone Company service components. CANCELLED

Duplex Operation - A mode of operation which permits customers to communicate in both directions simultaneously. (Also referred to APR 411 1993 Duplex Operation.)

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

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).

Interoffice Channel - A two-point transmission path between Serving Offices, (AT) between a Serving Office and a Digital Hub, between Digital Hubs or between (AT) a Digital Hub and an NRS Hub.

> IntraLATA Service - Digital Link Service where the originating service point and the terminating service point(s) locations are all within the same Local Access and Transport Area (LATA).

Kilobits Per Second (Kbps) - Equivalent to one thousand bits per second.

Kilocharacter (MICROLINK II) - Denotes a unit of measurement of 1000 characters, i.e., a standard bit representation of a symbol, letter, number or punctuation mark. The measurement consists of user data only and not administrative data.

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Digital Link Services Tariff RECEIVED ion 2 Original Sheet 3 JUN 28 1991

#### **DEFINITIONS**

# 2.1 DEFINITIONS-(Continued)

MISSOURI

Digital Connectivity - The availability of digital Facilities Connections customer premises on a specific circuit. Special routing may be required in certain instances to provide digital connectivity.

<u>Digital Hub</u> - Designated Telephone Company office where certain Additional Service Features can be provided for Digital Link Service Channels. Digital Hub locations are specified in the appropriate National Exchange Carrier Association, Inc. Wire Center Information Tariff.

<u>Direct Access (MICROLINK II)</u> - A dedicated access line form the customer's premises to the Packet Switching Network. Includes all necessary Telephone Company service components.

<u>Duplex Operation</u> - A mode of operation which permits customers to communicate in both directions simultaneously. (Also referred to as Full Duplex Operation.)

Exchange - Denotes a unit established by the Telephone 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 service offices together with the associated plant used in furnishing communications service within that area.

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 faithful provide intrastate telecommunications services for its own use or for the use of its customers (End Users).

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Interoffice Channel - A two-point transmission path between Serving Offices or a Serving Office and a Digital Hub.

Public Service Commission

<u>IntraLATA Service</u> - Digital Link Service where the originating service point and the terminating service point(s) locations are all within the same Local Access and Transport Area (LATA).

Kilobits Per Second (Kbps) - Equivalent to one thousand bits per second.

Kilocharacter (MICROLINK II) - Denotes a unit of measurement of 1000 characters, i.e., a standard bit representation of a symbol, letter, number or punctuation mark. The measurement consists of user data only and not administrative data.

Local Access and Transport Area (LATA) - 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.

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Effective: AUG - 2 1331

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Digital Link Services Tariff
Section 2
1st Revised Sheet 3.01
Replacing Original Sheet 3.01

#### **DEFINITIONS**

#### 2.1 DEFINITIONS-(Continued)

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<u>Interexchange Customer(s) (IC)</u> - 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).

<u>Interoffice Channel</u> - A two-point transmission path between Serving Offices, between a Serving Office and a Digital Hub, between Digital Hubs or between a Digital Hub and an NRS Hub.

<u>IntraLATA Service</u> - Digital Link Service where the originating service point and the terminating service point(s) locations are all within the same Local Access and Transport Area (LATA).

<u>ISDN</u> - Integrated Services Digital Network. A network architecture which allows the simultaneous transmission of information over a single facility incorporating the use of bearer channels (B channels) and a data channel (D channel).

ISDN Primary Rate Interface (PRI) - The term Primary Rate Interface denotes the connection of a 1.544 Mbps digital facility to the ISDN-PRI capable central office switch. The twenty four channels are typically divided into twenty-three "B" Channels plus 1 "D" Channel. Software in the ISDN-PRI equipped central office switch defines the type of services that will be carried within the 1.544 Mbps digital facility.

Kilobits Per Second (Kbps) - Equivalent to one thousand bits per second.

Issued: May 24, 1994 Effective: July 02, 1994

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Digital Link Services Tariff Section 2 Sheet 3.01

DEFINITIONS

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2.1 DEFINITIONS-(Continued)

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MISSOURI ISDN - Integrated Services Digital Network. A network service companishion allows the simultaneous transmission of information over a single facility incorporating the use of bearer channels (B channels) and a data channel (D channel).

ISDN Primary Rate Interface (PRI) - The term Primary Rate Interface denotes the connection of a 1.544 Mbps digital facility to the ISDN-PRI capable central office switch. The twenty four channels are typically divided into twenty-three "B" Channels plus 1 "D" Channel. Software in the ISDN-PRI equipped central office switch defines the type of services that will be carried within the 1.544 Mbps digital facility.

(MT) Kilobits Per Second (Kbps) - Equivalent to one thousand bits per second.

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Digital Link Services Tariff
Section 2
7th Revised Sheet 4
Replacing 6th Revised Sheet 4

#### **DEFINITIONS**

# 2.1 DEFINITIONS-(Continued)



<u>Kilosegment</u> - A segment is a means of measuring the volume of information transmitted. The segment size is the number of octets of data contained in a packet segment. The standard Telephone Company segment size is 64 octets. The number of segments in a packet is determined by dividing the number of octets of user data in a packet by 64 and rounding up. A kilosegment is 1000 segments.

<u>Link Extension</u> - A customer served by an office located outside of an established Primary Market Area (PMA) for Frame Relay or MicroLink I, but within the LATA, will be required to order a Link Extension. The Link Extension will consist of interoffice transport between the Site Link at the customer's serving central office and the nearest central office within the PMA. The Link Extension Charge is both distance and bandwidth dependent.

<u>Local Access and Transport Area (LATA)</u> - 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.

<u>Local Distribution Channel</u> - A two-point transmission path between a customer's premises and a Serving Office, or a Digital or NRS Hub which is also the customer's normal Serving Office.

<u>Logical Link</u> - The permanent virtual circuit between two customer Site Links which establishes a two-way connection which allows user data to flow. Includes the Frame Relay switch(es) and the trunking between switches.

(CT) (CT) <u>Magnetic Tape Report (MICROLINK II)</u> - Provides a magnetic tape which reflects call set-ups, connect time, and kilosegments transmitted and received for every session per customer account.

Megabits Per Second (Mbps) - Equivalent to one million bits per second.

<u>Menu Server</u> - Provides the option of accessing predetermined destinations in the Packet Switching Network.

<u>Move</u> - As used in connection with the application of move charges for Digital Link Services, 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 Telephone Company.

<u>National Security Emergency Preparedness (NSEP) Telecommunications Service</u> - Those services used to maintain a state of readiness or to respond to and manage any event or crisis, i.e., local, national or international, which causes or could cause injury or harm to the population, damage to or loss of property, or degrades or threatens the National Security Emergency Preparedness posture of the United States.

Issued: November 01, 1994 Effective: December 01, 1994



Digital Link Services Tariff
Section 2
6th Revised Sheet 4
Replacing 5th Revised Sheet 4
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#### DEFINITIONS

# 2.1 DEFINITIONS-(Continued)

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Kilocharacter (MICROLINK II) - Denotes a unit of measurement of 1000 characters, i.e., a standard bit representation of a symbol release number or punctuation mark. The measurement consists of user data only and not administrative data.

Link Extension - A customer served by an office located outside of an established Primary Market Area (PMA) for Frame Relay or MicroLink I, but within the LATA, will be required to order a Link Extension. The Link Extension will consist of interoffice transport between the Site Link at the customer's serving central office and the nearest central office within the PMA. The Link Extension Charge is both distance and bandwidth dependent.

Local Access and Transport Area (LATA) - 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 Channel - A two-point transmission path between a customer's premises and a Serving Office, or a Digital or NRS Hub which is also the customer's normal Serving Office.

Logical Link - The permanent virtual circuit between two customer Site Links which establishes a two-way connection which allows user data to flow. Includes the Frame Relay switch(es) and the trunking between switches.

Magnetic Tape Report (MICROLINK II) - Provides a magnetic Cape Which reflects call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

Megabits Per Second (Mbps) - Equivalent to one million bits per second.

Menu Server - Provides the option of accessing predetermine By the Packet Switching Network.

Menu Server - Provides the option of accessing predetermine By the Packet Switching Network.

Move - As used in connection with the application of move charges for Digital Link Services, 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 Telephone Company.

National Security Emergency Preparedness (NSEP) Telecommunications Service - Those services used to maintain a state of readiness or to respond to and manage any event or crisis, i.e., local, national or international, which, causes or could cause injury or harm to the population, damage to or foss of property, or degrades or threatens the National Security Emergency Preparedness posture of the United States.

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Digital Link Services Tariff
Section 2
5th Revised Sheet 4
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#### **DEFINITIONS**

# 2.1 DEFINITIONS-(Continued)

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Kilocharacter (MICROLINK II) - Denotes a unit of measurement Sirvice Commission characters, i.e., a standard bit representation of a symbol, Service Commission or punctuation mark. The measurement consists of user data only and not administrative data.

Link Extension - A customer served by an office located outside of an established Primary Market Area (PMA) for Frame Relay, but within the LATA, will be required to order a Link Extension. The Link Extension will consist of interoffice transport between the Site Link at the customer's serving central office and the nearest central office within the PMA.

Local Access and Transport Area (LATA) - 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 Channel - A two-point transmission path between a customer's premises and a Serving Office, or a Digital or NRS Hub which is also the customer's normal Serving Office.

Logical Link - The permanent virtual circuit between two customer Site Links which establishes a two-way connection which allows user data to flow. Includes the Frame Relay switch(es) and the trunking between switches.

Magnetic Tape Report (MICROLINK II) - Provides a magnetic tape which FIED reflects call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

Megabits Per Second (Mbps) - Equivalent to one million bits per settond 2 1994

Menu Server - Provides the option of accessing predetermined destination commission the Packet Switching Network.

Public Service Commission MISSOURI

Move - As used in connection with the application of move charges for Digital Link Services, 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 Telephone Company.

National Security Emergency Preparedness (NSEP) Telecommunications Service - Those services used to maintain a state of readiness or to respond to and manage any event or crisis, i.e., local, national or international, which causes or could cause injury or harm to the population, damage to or loss of property, or degrades or threatens the National Security Emergency Preparedness posture of the United States.

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MAR 29 1993

4th Revised Sheet 4

Replacing 3rd Revised Sheet 4

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Public Service Commission

2.1 DEFINITIONS-(Continued)

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Kilocharacter (MICROLINK II) - Denotes a unit of measurement of 1000 characters, i.e., a standard bit representation of a symbol, letter, number or punctuation mark. The measurement consists of user data only and not administrative data.

<u>Link Extension</u> - A customer served by an office located outside of an established Primary Market Area (PMA) for Frame Relay, but within the LATA, will be required to order a Link Extension. The Link Extension will consist of interoffice transport between the Site Link at the customer's serving central office and the nearest central office within the PMA.

Local Access and Transport Area (LATA) - 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.

<u>Local Distribution Channel</u> - A two-point transmission path between a customer's premises and a Serving Office, or a Digital or NRS Hub which is also the customer's normal Serving Office.

Logical Link - The permanent virtual circuit between two customer Site Links which establishes a two-way connection which allows user data to flow. Includes the interoffice circuit between the Frame Relay switch and the Link at both ends; the Frame Relay switch(es) and the trunk the switches.

Magnetic Tape Report (MICROLINK II) - Provides a magnetic tape (which 1993) reflects call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

Megabits Per Second (Mbps) - Equivalent to one million public per second.

(AT) Menu Server - Provides the option of accessing predetermined destinations in the Packet Switching Network.

Move - As used in connection with the application of move charges for Digital Link Services, 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 Telephone Company.

National Security Emergency Preparedness (NSEP) Telecommunications Service - Those services used to maintain a state of readiness or to respond to and manage any event or crisis, i.e., local, national or international, which causes or could cause injury or harm to the population, damage to or loss of property, or degrades or threatens the National Security Emergency Preparedness posture of the United States.

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Digital Link Services Tariff
Section 2
3rd Revised Sheet 4
Replacing 2nd Revised Sheet 4

**DEFINITIONS** 

2.1 DEFINITIONS-(Continued)

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Link Extension - A customer served by an office located outside of an established Primary Market Area (PMA) for Frame Relay, but within the same LATA, will be required to order a Link Extension. The Link Extension will consist of interoffice transport between the Site Link at Conference Serving central office and the nearest central office within the PMA.

Local Access and Transport Area (LATA) - 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 Channel - A two-point transmission path between a customer's premises and a Serving Office, or a Digital or NRS Hub which is also the customer's normal Serving Office.

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Logical Link - The permanent virtual circuit between two customer Site Links which establishes a two-way connection which allows user data to flow. Includes the interoffice circuit between the Frame Relay switch and the Site Link at both ends; the Frame Relay switch(es) and the trunking between switches.

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Magnetic Tape Report (MICROLINK II) - Provides a magnetic tape which reflects call set-ups, connect time, and kilocharacters transmitted Pand 1 1993 received for every session per customer account.

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Megabits Per Second (Mbps) - Equivalent to one million bit Public Service Commission MISSOURI

Move - As used in connection with the application of move charges for Digital Link Services, 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 Telephone Company.

National Security Emergency Preparedness (NSEP) Telecommunications Service - Those services used to maintain a state of readiness or to respond to and manage any event or crisis, i.e., local, national or international, which causes or could cause injury or harm to the population, damage to or loss of property, or degrades or threatens the National Security Emergency Preparedness posture of the United States.

Network Call Usage - The rate element applicable for chargeable time which contains the initial period charge or the initial period plus the additional time charge.

Network Interface - See Demarcation Point.

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Network Link - A facility used to connect two Frame Relay PMAs within the same LATA.

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Effective: AUG 1 7 1992

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Digital Link Services Tariff Section\_2 2nd Revised Sheet D Replacing 1st Revised Sheet 4 JUN 30 1992

DEFINITIONS

2.1 DEFINITIONS-(Continued)

Local Access and Transport Area (LATA) - Denotes a geographical MISSOURI (MT) established for the administration of communications service Commission encompasses designated local operating telephone company exchanges which are grouped to serve common social economic and miscellaneous purposes. (TM)

Local Distribution Channel - A two-point transmission path between a customer's premises and a Serving Office, or a Digital or NRS Hub which (AT) is also the customer's normal Serving Office.

> Magnetic Tape Report (MICROLINK II) - Provides a magnetic tape which reflects call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

> Megabits Per Second (Mbps) - Equivalent to one million bits per second.

Move - As used in connection with the application of move charges for Digital Link Services, 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 Telephone Company.

National Security Emergency Preparedness (NSEP) Telecommunications Service -Those services used to maintain a state of readiness or to respond to and manage any event or crisis, i.e., local, national or international, which causes or could cause injury or harm to the population, damage to or loss of property, or degrades or threatens the National Security Emergency Preparedness posture of the United States.

Network Call Usage - The rate element applicable for chargeable time which contains the initial period charge or the initial period plas Athe additional time charge.

Network Interface - See Demarcation Point.

AUG 17 1992 # BY 3 22 R.S Network Reconfiguration Service (NRS) - A central office based service which ion permits customers to remotely reconfigure their dedicated networks without normal Telephone company service order procedures.

Network Reconfiguration Service (NRS) Hub - A Designated Telephone Company office where NRS is provided. An NRS Hub may be collocated with a Digital Hub, but not all Digital Hubs are designated as NRS Hubs. NRS Hub locations are specified in the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff.

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Issued:

By A. D. ROBERTSON, Assistant Vice President-External Affairs Southwestern Bell Telephone Company St. Louis, Missouri

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Digital Link Services Tariff Section 2 1st Revised Sheet 4 Replacing Original Sheet 4

**DEFINITIONS** 

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2.1 DEFINITIONS-(Continued)

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Local Distribution Channel - A two-point transmission path between a customer's premises and a Serving Office, or a Digital Hub which is also the Public Service Commission

Magnetic Tape Report (MICROLINK II) - Provides a magnetic tape which (C) reflects call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

Megabits Per Second (Mbps) - Equivalent to one million bits per second.

Move - As used in connection with the application of move charges for Digital Link Services, 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 Telephone Company.

National Security Emergency Preparedness (NSEP) Telecommunications Service -Those services used to maintain a state of readiness or to respond to and manage any event or crisis, i.e., local, national or international, which causes or could cause injury or harm to the population, damage to or loss of property, or degrades or threatens the National Security Emergency Preparedness posture of the United States.

Network Call Usage - The rate element applicable for chargeable time which contains the initial period charge or the initial period plus the additional time charge.

(CT) Network Interface - See Demarcation Point.

> Obsolete - A classification indicating the restricted availability of a service offering. The extent of the restriction is denoted by annotations as follows: CANCELLED

Existing Locations:

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Can add to existing system.

Can transfer contract.

Cannot move from one premises to anotheric Service Commission

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Issued: **DEC 1** 0 1991

Effective:

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 2

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DEFINITIONS

JUN 28 1991

# 2.1 DEFINITIONS-(Continued)

MISSOURI Public Service Commission

Local Distribution Channel - A two-point transmission path between a customer's premises and a Serving Office, or a Digital Hub which is also the customer's normal Serving Office.

Magnetic Tape Report (MICROLINK II) - Provides a magentic tape which reflects call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

Megabits Per Second (Mbps) - Equivalent to one million bits per second.

Move - As used in connection with the application of move charges for Digital Link Services, 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 Telephone Company.

National Security Emergency Preparedness (NSEP) Telecommunications Service -Those services used to maintain a state of readiness or to respond to and manage any event or crisis, i.e., local, national or international, which causes or could cause injury or harm to the population, damage to or loss of property, or degrades or threatens the National Security Emergency Preparedness posture of the United States.

Network Call Usage - The rate element applicable for chargeable time which contains the initial period charge or the initial period plus the additional time charge.

Network Interface - The point of termination for the Telephone Company's regulated network services. It is the point of interconnection between Telephone Company provided and owned facilities and terminal equipment or inside wiring at the customer's premises and is a Telephone Company provided standard jack or its equivalent.

Obsolete - A classification indicating the restricted availability of a service offering. The extent of the restriction is denoted by annotations as follows:

Existing Locations:

CANCELLED

Can add to existing system. Can transfer contract. Cannot move from one premises to another.

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**Public Service Commission** MISSOURI

Issued:

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Effective: AUG - 2 '991

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 2
4th Revised Sheet 4.01
Replacing 3rd Revised Sheet 4.01

#### **DEFINITIONS**

#### 2.1 DEFINITIONS-(Continued)

<u>Network Call Usage</u> - The rates are applicable for chargeable time for calls that originate and terminate within the MicroLink I Primary Market Area and are limited to Local Exchange Carrier networks.

Network Interface - See Demarcation Point.

<u>Network Link</u> - A facility used to connect two Frame Relay PMAs within the same LATA.

<u>Network Reconfiguration Service (NRS)</u> - A central office based service which permits customers to remotely reconfigure their dedicated networks without normal Telephone company service order procedures.

Network Reconfiguration Service (NRS) Hub - A Designated Telephone Company office where NRS is provided. An NRS Hub may be collocated with a Digital Hub, but not all Digital Hubs are designated as NRS Hubs. NRS Hub locations are specified in the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff.

<u>Network Terminating Number (NTN)</u> - A telephone number used to identify Direct Access Stations attached to the packet switching network.

<u>Network to Network Interface (NNI)</u> - a frame relay local management protocol that describes how two frame relay networks interconnect and exchange status information. This protocol is available only with the 1.536 Mbps Site Link rate element.

Network User Identification (NUI) - Is a number that identifies the user to the Public Packet Switched Network (PPSN) for billing purposes or originating calls. It is entered as a string of digits (NUI) for validation. Validation of the NUI authorizes usage of the PPSN and usage of optional services that the customer has subscribed to in association with the NUI. customers can have one or multiple NUIs.

<u>Obsolete</u> - A classification indicating the restricted availability of a service offering. The extent of the restriction is denoted by annotations as follows:

**Existing Locations:** 

Can add to existing system.

Can transfer contract.

Cannot move from one premises to another.

Issued: January 20, 1995 Effective: February 22, 1995



Digital Link Services Tariff
Section 2
3rd Revised Sheet 4.01
Replacing 2nd Revised Sheet 4.01

#### DEFINITIONS

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# 2.1 DEFINITIONS-(Continued)

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Network Call Usage - The rates are applicable for chargeable time for calls that originate and terminate within the MicroLink I Primary Market Area and are limited to Local Exchange Carrier networks.

Network Interface - See Demarcation Point.

Network Link - A facility used to connect two Frame Relay PMAs within the same LATA.

Network Reconfiguration Service (NRS) - A central office based service which permits customers to remotely reconfigure their dedicated networks without normal Telephone company service order procedures.

Network Reconfiguration Service (NRS) Hub — A Designated Telephone Company office where NRS is provided. An NRS Hub may be collocated with a Digital Hub, but not all Digital Hubs are designated as NRS Hubs. NRS Hub locations are specified in the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff.

Network Terminating Number (NTN) - A telephone number used to identify Direct Access Stations attached to the packet switching network.

Network User Identification (NUI) - Is a number that identifies the user to the Public Packet Switched Network (PPSN) for billing purposes or originating calls. It is entered as a string of digits (NUI) for validation. Validation of the NUI authorizes usage of the PPSN and usage of optional services that the customer has subscribed to in association with the NUI. Customers can have one or multiple NUIs.

Obsolete - A classification indicating the restricted availability of a service offering. The extent of the restriction is denoted by annotations as follows:

Existing Locations:

Can add to existing system.

Can transfer contract.

Cannot move from one premises to another.

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Digital Link Services Tariff vised Sheet 4.01 R 29 1993 Replacing 1st

**DEFINITIONS** 

2.1 DEFINITIONS-(Continued)

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(TM) Network Call Usage - The rate element applicable for chargeable time which contains the initial period charge or the initial period plus the additional time charge.

Network Interface - See Demarcation Point.

Network Link - A facility used to connect two Frame Relay PMAs within the same LATA.

Network Reconfiguration Service (NRS) - A central office based service which permits customers to remotely reconfigure their dedicated networks without normal Telephone company service order procedures.

Network Reconfiguration Service (NRS) Hub - A Designated Telephone Company office where NRS is provided. An NRS Hub may be collocated with a Digital Hub, but not all Digital Hubs are designated as NRS Hubs. NRS Hub locations are specified in the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff.

Network Terminating Number (NTN) - A telephone number used to identify Direct Access Stations attached to the packet switching network.

Network User Identification (NUI) - Is a number that identifies the user to the Public Packet Switched Network (PPSN) for billing purposes or originating calls. It is entered as a string of digits (NUI) for validation. Validation of the NUI authorizes usage of the PPSN and usage of optional services that the customer has subscribed to in association with the NUI. Customers can have one or multiple NUIs.

Obsolete - A classification indicating the restricted availability of a service offering. The extent of the restriction is denoted by annotations CANCELLED as follows:

Existing Locations:

Can add to existing system.

Can transfer contract.

Public Service Commission Cannot move from one premises to anothery

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Issued:

MAR 2 6 1993

Effective:

APR 1 1 1993

Digital Link Services Tariff
Section 2
1st Revised Sheet 4.01
Replacing Original Sheet 4.01

**DEFINITIONS** 

JUL 17 1992

2.1 DEFINITIONS-(Continued)

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Network Reconfiguration Service (NRS) - A central office Gased service which permits customers to remotely reconfigure their dedicated networks without normal Telephone company service order procedures.

Network Reconfiguration Service (NRS) Hub - A Designated Telephone Company office where NRS is provided. An NRS Hub may be collocated with a Digital Hub, but not all Digital Hubs are designated as NRS Hubs. NRS Hub locations are specified in the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff.

Obsolete - A classification indicating the restricted availability of a service offering. The extent of the restriction is denoted by annotations as follows:

Existing Locations:

Can add to existing system.
Can transfer contract.
Cannot move from one premises to another.

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Issued: JUL 1 7 1992

Effective: AUG 1 7 1992

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Digital Link Services Tariff Section 2 Original Sheet 4.01 RECEIVED

**DEFINITIONS** 

JUN 30 1992

2.1 DEFINITIONS-(Continued)

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Obsolete - A classification indicating the restricted availability Service Commiss service offering. The extent of the restriction is denoted by annotations as follows:

Existing Locations:

Can add to existing system. Can transfer contract. Cannot move from one premises to another.

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Issued: JUN 3 Q 1992 Effective:

Digital Link Services Tariff
Section 2
Original Sheet 5

#### **DEFINITIONS**

# 2.1 DEFINITIONS-(Continued)

Obsolete - (Continued)

**Existing Installations:** 

Can transfer contract.

Cannot add to existing system.

Cannot move from one premises to another.

# **Existing Customers:**

Can add to existing system.

Can move from one premises to another.

Cannot transfer contract.

#### Existing Customers at Existing Locations:

Can add to existing system.

Cannot move from one premises to another.

Cannot transfer contract.

# Existing Installations at Existing Locations:

Can transfer contract.

Cannot add to existing system.

Cannot move from one premises to another.

# Existing Installation at Existing Locations for Existing Customers:

Cannot add to existing system.

Cannot move from one premises to another.

Cannot transfer contract.

# Existing Service Arrangement:

Can move from one premises to another.

Can transfer contract.

Cannot add to existing system.

#### **Existing Systems:**

Can move from one premises to another.

Can transfer contract.

Can add to existing system.

Issued: July 3, 1991 Effective: August 2, 1991



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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 2
2nd Revised Sheet 6
Replacing 1st Revised Sheet 6

#### **DEFINITIONS**

# 2.1 DEFINITIONS-(Continued)

<u>Packet (MICROLINK II)</u> - Denotes the continuous sequence of data, with associated control information, i.e., routing, sequencing and error checking information, that is switched and transmitted through the packet switching network. Multiple packets may be required to carry one complete document or a lengthy block of information.

<u>Packet Call Redirection</u> - Provides redirection of incoming calls to a secondary station on the network under predetermined conditions.

<u>Packet Direct Call</u> - Automatically establishes a virtual circuit to a predetermined address in the network when calls are placed without an address.

<u>Packet Hunt Group</u> - A grouping of direct access interfaces that can be called by indicating a single called address or one of several called addresses that apply to the entire group of interfaces. The network hunts for an available logical channel on the group of interfaces.

<u>Packet Switching Network (MICROLINK II)</u> - Consists of all the packet switches and the interswitch service components that connect those switches together within a LATA.

<u>Patron</u> - As used in connection with Composite Data Service, denotes a subscriber to the data switching services of a Composite Data Service Vendor.

<u>Permanent Virtual Circuit (PVC)</u> - Allows Direct Access customers to establish a dedicated virtual circuit between themselves and a specified location. This eliminates the need to build a virtual circuit prior to each transmission. The PVC simulates a dedicated two-point circuit.

<u>Polling</u> - A process by which a computer systematically contacts a terminal and/or another computer to send a message.

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Issued: March 26, 1993 Effective: April 11, 1993



Digital Link Services Tariff Section 2 1st Revised Sheet 6 Replacing Original Sheet 6

**DEFINITIONS** 

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#### 2.1 DEFINITIONS-(Continued)

Packet (MICROLINK II) - Denotes the continuous sequence of data, with associated control information, i.e., routing, sequencing and error checking information, that is switched and transmitted through the packet switching network. Multiple packets may be required to carry one complete document or a lengthy block of information.

Packet Switching Network (MICROLINK II) - Consists of all the packet switches and the inter-switch service components that connect those switches together within a LATA. CANCELLED

Patron - As used in connection with Composite Data Service, dengtes at 1993 subscriber to the data switching services of a Composite Data Service. Vendor.

Permanent Virtual Circuit (PVC) - Allows Direct Access customers to establish a dedicated virtual circuit between themselves and a MISSOURI location. This eliminates the need to build a virtual circuit prior to each transmission. The PVC simulates a dedicated two-point circuit.

Polling - A process by which a computer systematically contacts a terminal and/or another computer to send a message.

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 of the upper floor is directly above the portion occupied on the lower floor.

All the buildings are located on one continuous plot of property, all 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.

(AT) Primary Market Area (PMA) - The geographic area in which MicroLink and Frame Relay Services are offered as described in their respective tariff sections.

> Prime Service Vendor - The service vendor from whom the customer, or their authorized agent, orders NSEP Telecommunications Service.

> Private Dial Access (MICROLINK II) - The ability of a customer to reserve one or more dial access terminations for their exclusive use.

Issued: **JUL 1** 7 1992

Effective: AUG 1 7 1992

By A. D. ROBERTSON, Assistant Vice President-External Affairs Southwestern Bell Telephone Company St. Louis, Missouri

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Digital Link Services Tariff

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**DEFINITIONS** 

JUN 28 1991

# 2.1 DEFINITIONS-(Continued)

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Packet (MICROLINK II) - Denotes the continuous sequence of data, with
associated control information, i.e., routing, sequencing and error checking
information, that is switched and transmitted through the packet switching
network. Multiple packets may be required to carry one complete document or
a lengthy block of information.

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Polling - A process by which a computer systematically contacts a terminal and/or another computer to send a message.

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Premises - All portions of the same building occupied by the same rustomer, provided that:

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

All the buildings are located on one continuous plot of property, all 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.

<u>Prime Service Vendor</u> - The service vendor from whom the customer, or their authorized agent, orders NSEP Telecommunications Service.

Private Dial Access (MICROLINK II) - The ability of a customer to reserve one or more dial access terminations for their exclusive use.

Protocol - Set of rules for conducting interactions between two or more parties. These rules consist of syntax (header structure), semantics (actions and reactions that are supposed to occur) and timing (relative ordering and duration of states and events).

Issued: JUL - 3 1991

Effective: AU6 - 3 1991

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Digital Link Services Tariff
Section 2
4th Revised Sheet 7
Replacing 3rd Revised Sheet 7

#### **DEFINITIONS**

# 2.1 DEFINITIONS-(Continued)

<u>Premises</u> - 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 of the upper floor is directly above the portion occupied on the lower floor.

All the buildings are located on one continuous plot of property, all 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.

(AT) Primary Market Area (PMA) - The geographic area in which MicroLink, Frame Relay and
 (AT) SelectVideo Plus Services are offered as described in their respective tariff sections.

<u>Prime Service Vendor</u> - The service vendor from whom the customer, or their authorized agent, orders NSEP Telecommunications Service.

<u>Private Dial Access (MICROLINK II)</u> - The ability of a customer to reserve one or more dial access terminations for their exclusive use.

<u>Protocol</u> - Set of rules for conducting interactions between two or more parties. These rules consist of syntax (header structure), semantics (actions and reactions that are supposed to occur) and timing (relative ordering and duration of states and events).

<u>Public Dial Access (MICROLINK II)</u> - The capability to dial into the packet switching network at varying bit rates, depending upon the type of termination required.

<u>Px64 Standards Compliance</u> - Consultative Committee on International Telephony and Telegraphy (CCITT) established compressed digital video standards compliance that describes the video displays and compression requirements for digital services transmission.

<u>Rearrangement of User Facilities (MICROLINK II)</u> - User Facilities are standard protocol features which establish Access Termination parameters and must be agreed upon by both the customer and the Telephone Company at the time service is ordered as set forth in Section 6, Paragraph 6.3.2, preceding. Rearrangements of User Facilities are those changes or rearrangements made to these facilities subsequent to the installation of the service.

Issued: May 02, 1994 Effective: June 16, 1994



Digital Link Services Tariff
Section 2
3rd Revised Sheet 7
Replacing 2nd Revised Sheet 7

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DEFINITIONS

2.1 DEFINITIONS-(Continued)

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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 of the upper floor is directly above the portion occupied on the lower floor.

All the buildings are located on one continuous plot of property, all 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.

Primary Market Area (PMA) - The geographic area in which MicroLink and Frame Relay Services are offered as described in their respective tariff sections.

Prime Service Vendor - The service vendor from whom the customer, or their authorized agent, orders NSEP Telecommunications Service. CANCELLED

Private Dial Access (MICROLINK II) - The ability of a customer to reserve one or more dial access terminations for their exclusive use. JUN 161994

Protocol - Set of rules for conducting interactions between two of more parties. These rules consist of syntax (header structure), semantics Commission (actions and reactions that are supposed to occur) and the creating (relative RI ordering and duration of states and events).

Public Dial Access (MICROLINK II) - The capability to dial into the packet switching network at varying bit rates, depending upon the type of termination required.

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Issued: FEB 0 9 1993

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Effective: MAR 1 1 1993

By A. D. ROBERTSON, Assistant Vice President-External Affairape 19 1993
Southwestern Bell Telephone Company
St. Louis, Missouri
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Digital Link Services Tariff Section 2 Ased Sheet 7 Replander 25 1983 Visad Sheet 7

DEFINITIONS

2.1 DEFINITIONS-(Continued)

**MISSOURI Public Service Commission** 

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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 of the upper floor is directly above the portion occupied on the lower floor.

All the buildings are located on one continuous plot of property, all 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.

Primary Market Area (PMA) - The geographic area in which Microling End Frame Relay Services are offered as described in their research tariff sections.

Private Dial Access (MICROLINK II) - The ability of a customer this Source reserve one or more dial access terminations for their exclusions.

parties. These rules consist of syntax (header structure), semantics (actions and reactions that are supposed to occur) and timing (relative ordering and duration of states and events).

Public Dial Access (MICROLINK II) - The capability to dial into the packet switching network at varying bit rates, depending upon the type of termination required.

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Rearrangement of User Facilities (MICROLINK II) - User Facilities are standard protocol features which establish Access Termination parameters and must be agreed upon by both the customer and the Telephone Company at the time service is ordered as set forth in Section 6, Paragraph 6.3.2, preceding. Rearrangement of User Facilities are those changes or rearrangements made to these facilities subsequent to the installation of the service.

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Issued: MAR 2 6 1993

Effective: APR 1 1 1993

Digital Link Services Tariff
Section 2
1st Revised Sheet 7
Replacing Original Sheet 7

DEFINITIONS

2.1 DEFINITIONS-(Continued)

JUL 17 1992

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Protocol - Set of rules for conducting interactions between two lor more parties. These rules consist of syntax (header structure), semantics; (actions and reactions that are supposed to occur) and timing (relative ordering and duration of states and events).

Public Dial Access (MICROLINK II) - The capability to dial into the switching network at varying bit rates, depending upon the type CANCELLED termination required.

Registered Equipment - The customer's premises equipment (CPE) which with and has been approved within the Registration Provisions of Part 68 of the F.C.C.'s Rules and Regulations.

Restricted User Group - This allows customers to preselect a specific set of other customers with whom to communicate privately. Customer access lines of a restricted user group can only communicate with other access lines in that closed user group.

Service Arrangement (MICROLINK I) - An arrangement consisting of the appropriate software, located at Telephone Company serving wire centers' that is necessary to provide switched 56 Kbps service.

Service Components - All the plant and equipment of the Telephone Company, including all tangible and intangible real and personal property without limitation, and any and all means and instrumentalities in any manner owned, operated, leased, licensed, used, controlled, furnished or supplied for, by or in connection with the business of the Telephone Company, including any construction work in progress.

Service Point - Service Point denotes a point on a customer's premises, a Serving Office or a Digital Hub, at which a Digital Link Service is terminated.

Serving Office - The office from which a customer would normally be served for Local Exchange Telephone Service. Channels between the customer premises and Interoffice channels, if required are interconnected at the Service Office. Where the Serving Office is not located in the service area, a theoretical location may be established by the Telephone Company for billing purposes.

Session - This is the period of time that common control network service components are allocated to the establishment of a specific switched virtual call. It begins with call set-up and continues until the common control network service components are released for reuse by the network.

(AT) Site Link - The physical connection between the customer's premises and that customer's serving central office for Frame Relay Service.

Issued: JUL 1 7 1992

Effective: AUG 1 7 1982

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Original Sheet 7

JUN 28 1991

**DEFINITIONS** 

### 2.1 DEFINITIONS-(Continued)

MISSOURI
Public Service Commission

Public Dial Access (MICROLINK II) - The capability to dial into the packet switching network at varying bit rates, depending upon the type of termination required.

Registered Equipment - The customer's premises equipment (CPE) which complies with and has been approved within the Registration Provisions of Part 68 of the F.C.C.'s Rules and Regulations.

Restricted User Group - This allows customers to pre-select a specific set of other customers with whom to communicate privately. Customer access lines of a restricted user group can only communicate with other access lines in that closed user group.

Service Arrangement (MICROLINK I) - An arrangement consisting of the appropriate software, located at Telephone Company serving wire centers' that is necessary to provide switched 56 Kbps service.

Service Components - All the plant and equipment of the Telephone Company, including all tangible and intangible real and personal property without limitation, and any and all means and instrumentalities in any manner owned, operated, leased, licensed, used, controlled, furnished or supplied for, by or in connection with the business of the Telephone Company, including any construction work in progress.

Service Point - Service Point denotes a point on a customatics in premises, Serving Office or a Digital Hub, at which a Digital Link Service is terminated.

Public Service Commission

Serving Office - The office from which a customer would normally be served for Local Exchange Telephone Service. Channels between the customer premises and Interoffice channels, if required are interconnected at the Serving Office. Where the Serving Office is not located in the service area, a theoretical location may be established by the Telephone Company for billing purposes.

Session - This is the period of time that common control network service components are allocated to the establishment of a specific switched virtual call. It begins with call set-up and continues until the common control network service components are released for reuse by the network.

Subcontracting Service Vendor - The service vendor who, under contract or Tariff concurrence, agrees to provide a portion of an NSEP Telecommunications Service.

Summary Report - Provides a monthly total, on paper only, of call set-up, connect time, and kilocharacters transmitted and received by either User Name or originating city.

Issued:

JUL - 3 1991

Effective: AUG - 0

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 2 3rd Revised Sheet 8 Replacing 2nd Revised Sheet 8

#### DEFINITIONS

### 2.1 DEFINITIONS-(Continued)

<u>Recognized Private Operating Agency (RPOA) Preselection (MICROLINK II)</u> - Allows the customer to preselect an inter-network provider.

<u>Registered Equipment</u> - The customer's premises equipment (CPE) which complies with and has been approved within the Registration Provisions of Part 68 of the F.C.C.'s Rules and Regulations.

<u>Restricted User Group</u> - This allows customers to preselect a specific set of other customers with whom to communicate privately. Customer access lines of a restricted user group can only communicate with other access lines in that closed user group.

<u>Reverse Charge Acceptance</u> - Acceptance of MICROLINK II call charges by the terminating customer. The terminating customer agrees to pay all associated and applicable MICROLINK II usage charges incurred by the call originator

<u>Service Components</u> - All the plant and equipment of the Telephone Company, including all tangible and intangible real and personal property without limitation, and any and all means and instrumentalities in any manner owned, operated, leased, licensed, used, controlled, furnished or supplied for, by or in connection with the business of the Telephone Company, including any construction work in progress.

<u>Service Point</u> - Service Point denotes a point on a customer's premises, a Serving Office or a Digital Hub, at which a Digital Link Service is terminated.

<u>Serving Office</u> - The office from which a customer would normally be served for Local Exchange Telephone Service. Channels between the customer premises and Interoffice channels, if required are interconnected at the Service Office. Where the Serving Office is not located in the service area, a theoretical location may be established by the Telephone Company for billing purposes.

Issued: May 24, 1994 Effective: July 02, 1994



Digital Link Services Tariff Section 2 Replacing 1st Revised Sheet 8

DEFINITIONS

2.1 DEFINITIONS-(Continued)

### MISSOURI Public Service Commission

MAR 29 1993

- Recognized Private Operating Agency (RPOA) Preselection (MICROLINK II) (TA)
- (AT) Allows the customer to preselect an inter-network provider.
- (MT) Registered Equipment - The customer's premises equipment (CPE) which complies with and has been approved within the Registration Provisions of Part 68 of the F.C.C.'s Rules and Regulations.

Restricted User Group - This allows customers to preselect a specific set of other customers with whom to communicate privately. Customer access lines of a restricted user group can only communicate with other access lines in that closed user group.

- (MT)
- Reverse Charge Acceptance Acceptance of MICROLINK II call charges by the terminating customer. The terminating customer agrees to pay all (AT) associated and applicable MICROLINK II usage charges incurred by the (AT) call originator
- Service Arrangement (MICROLINK I) An arrangement consisting of the CELLED (MT) appropriate software, located at Telephone Company serving wire centers that is necessary to provide switched 56 Kbps service. <sub>ອີ</sub> 1994 JUL

Service Components - All the plant and equipment of the Telephone, Company, including all tangible and intangible real and personal olic Service Commissic property without limitation, and any and all means and instrumentalities in any manner owned, operated, leased, licensed, MISSOURI used, controlled, furnished or supplied for, by or in connection with the business of the Telephone Company, including any construction work in progress.

Service Point - Service Point denotes a point on a customer's premises, a Serving Office or a Digital Hub, at which a Digital Link Service is terminated.

Serving Office - The office from which a customer would normally be served for Local Exchange Telephone Service. Channels between the customer premises and Interoffice channels, if required are interconnected at the Service Office. Where the Serving Office is not located in the service area, a theoretical location may be established by the Telephone Company for billing purposes.

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Issued: MAR 2 6 1993

Effective:

APR 1 1 1993

Digital Link Services Tariff Section 2 1st, Revised Sheet 8 Replacing Original Sheet 8

DEFINITIONS

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DEFINITIONS-(Continued) Public Service Commission

(AT) Special Access Link - The equivalent of a Site Link which is used to connect interexchange facilities or other Frame Relay Networks to the Frame Relay network. This can be either a 56 Kbps MegaLink Data Service or 1.544 Mbps High Capacity Service ordered from Section 7 of the Access Tariffs. This circuit must be brought to a central office within the established PMA. This connection is not available in this tariff but can be used to terminate Logical Links from this tariff by subscribers to Site Link conenctions. (AT)

Subcontracting Service Vendor - The service vendor who, under contract or Tariff concurrence, agrees to provide a portion of an NSEP Telecommunications Service.

Summary Report - Provides a monthly total, on paper only, of call set-up, connect time, and kilocharacters transmitted and received by either User Name or originating city.

Synchronous - Denotes a type of data transmission where the characters or bits are sent at a fixed rate, with the transmitting and receiving devices synchronized, so that start and stop bits are not required.

Telecommunications Service Priority (TSP) Authorization Code - A special 12 digit code assigned by the TSP Program Office, which authoriz SANGERLED provisioning and/or restoration designations for NSEP Telecommunications Services. APR 11 1993

Telecommunications Service Priority (TSP) System

The priority provisioning and restoration of services offered undession tariff relative to the National Security Emergency Preparedness (NSEP) Telecommunications Service Priority (TSP) System shall be pursuant to the regulations and rates as delineated in Section 7, following.

For application in this tariff, such regulations, rates and charges shall be interpreted to apply on a "per request, per circuit" basis.

Telephone Company - The Southwestern Bell Telephone Company.

Telephone Service Line (MICROLINK I) - Composed of the serving central office line equipment, all outside plant facilities needed to connect the serving central office with the customer premises and the network interface. These facilities are Telephone Company furnished and maintained and provide access to and from the telecommunications network for data only information transport. The MICROLINK I Telephone Service Line is subject to the nonrecurring charges specified in Section 5.7 of this tariff.

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Issued: JUL 1 7 1992

Effective: AUB 1 7

Digital Link Services Tariff Original Sheet 8 JUN 28 1991

**DEFINITIONS** 

### 2.1 DEFINITIONS-(Continued)

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Public Service Commission

Synchronous - Denotes a type of data transmission where the characters or bits are sent at a fixed rate, with the transmitting and receiving devices synchronized, so that start and stop bits are not required.

Telecommunications Service Priority (TSP) Authorization Code - A special 12 digit code assigned by the TSP Program Office, which authorizes priority provisioning and/or restoration designations for NSEP Telecommunications Services.

Telecommunications Service Priority (TSP) System

The priority provisioning and restoration of services offered under this tariff relative to the National Security Emergency Preparedness (NSEP) Telecommunications Service Priority (TSP) System shall be pursuant to the regulations and rates as delineated in Section 7, following.

For application in this tariff, such regulations, rates and charges shall be interpreted to apply on a "per request, per circuit" basis.

Telephone Company - The Southwestern Bell Telephone Company. BY 1 of R.

Public Service Commission Telephone Service Line (MICROLINK I) - composed of the serving central, office line equipment, all outside plant facilities needed to connect the serving central office with the customer premises and the network interface. These facilities are Telephone Company furnished and maintained and provide access to and from the telecommunications network for data only information transport. The MICROLINK I Telephone Service Line is subject to the nonrecurring charges specified in Section 5.7 of this tariff.

Telephone Service Line Conditioning - The unique effort required to provision the customer's loop facility for transporting digital signals of up to 56 Kbps.

User - A person firm or corporation designated by the customer as a user of Digital Link Services 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.

User Name (MICROLINK II) - This is the identification code of each customer. It is a required input at log-on to verify user access to the common control network service components.

Virtual Circuit (MICROLINK II) - A logical channel established as a result of the call set-up procedures to a network address that exists until the common control network service components are released for reuse by the network.

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#### **DEFINITIONS**

### 2.1 DEFINITIONS-(Continued)

<u>Session</u> - This is the period of time that common control network service components are allocated to the establishment of a specific switched virtual call. It begins with call set-up and continues until the common control network service components are released for reuse by the network.

<u>Site Link (Frame Relay)</u> - The physical connection between the customer's premises and the Frame Relay network. Includes the local loop, interoffice facilities between the Serving Central Office and the Frame Relay Office, and the termination on the Frame Relay Switch.

<u>Site Link (MicroLink I)</u> - The physical connection to a customer's premises that supports single or multiple 56 Kbps switched circuits. It includes the facility between the customer premises and the serving central office, the circuit(s) between the MICROLINK I switch node and the customer's serving central office, and the node termination. Each Site Link is assigned a unique telephone number. If two or more single channel Site Links (2-wire of 4-wire) are purchased to the same node, hunting capability is available at no additional charge.

<u>Subcontracting Service Vendor</u> - The service vendor who, under contract or Tariff concurrence, agrees to provide a portion of an NSEP Telecommunications Service.

(CT) <u>Summary Report</u> - Provides a monthly total, on paper only, of call set-up, connect time, and (CT) kilosegments transmitted and received by either User Name or originating city.

<u>Synchronous</u> - Denotes a type of data transmission where the characters or bits are sent at a fixed rate, with the transmitting and receiving devices synchronized, so that start and stop bits are not required.

<u>Telecommunications Service Priority (TSP) Authorization Code</u> - A special 12 digit code assigned by the TSP Program Office, which authorizes priority provisioning and/or restoration designations for NSEP Telecommunications Services.

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### DEFINITIONS

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### 2.1 DEFINITIONS-(Continued)

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Session - This is the period of time that common control network service components are allocated to the establishment of a specific service common control call. It begins with call set-up and continues until the common control network service components are released for reuse by the network.

(AT) Site Link (Frame Relay) - The physical connection between the customer's premises and the Frame Relay network. Includes the local loop, interoffice facilities between the Serving Central Office and the Frame Relay Office, and the termination on the Frame Relay Switch.

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<u>Subcontracting Service Vendor</u> - The service vendor who, under contract or <u>Tariff concurrence</u>, agrees to provide a portion of an NSEP <u>Telecommunications Service</u>.

<u>Summary Report</u> - Provides a monthly total, on paper only, of call set-up, connect time, and kilocharacters transmitted and received by either User Name or originating city.

<u>Synchronous</u> - Denotes a type of data transmission where the characters or bits are sent at a fixed rate, with the transmitting and receiving devices synchronized, so that start and stop bits are not required.

<u>Telecommunications Service Priority (TSP) Authorization Code</u> - A special 12 digit code assigned by the TSP Program Office, which authorizes priority provisioning and/or restoration designations for NSEP Telecommunications Services.

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2.1 DEFINITIONS-(Continued)

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Session - This is the period of time that common control network service components are allocated to the establishment of a specific service components call. It begins with call set-up and continues until the common control network service components are released for reuse by the network.

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Site Link - The physical connection between the customer's premises and the Frame Relay network. Includes the local loop, interoffice facilities between the Serving Central Office and the Frame Relay Office, and the termination on the Frame Relay Switch.

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Subcontracting Service Vendor - The service vendor who, under contract or Tariff concurrence, agrees to provide a portion of an NSEP Telecommunications Service.

Summary Report - Provides a monthly total, on paper only, of call set-up, connect time, and kilocharacters transmitted and received by either User Name or originating city.

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Telecommunications Service Priority (TSP) Authorization Code - A special 12 digit code assigned by the TSP Program Office, which authorizes priority provisioning and/or restoration designations for NSEP Telecommunications Services.

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DEFINITIONS

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2.1 DEFINITIONS-(Continued)

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Session - This is the period of time that common control network service components are allocated to the establishment of a specific switched virtual call. It begins with call set-up and continues until the common control network service components are released for reuse by the network.

<u>Site Link</u> - The physical connection between the customer's premises and that customer's serving central office for Frame Relay Service.

Special Access Link - The equivalent of a Site Link which is used to connect interexchange facilities or other Frame Relay Networks to the Frame Relay network. This can be either a 56 Kbps MegaLink Data Service or 1.544 Mbps High Capacity Service ordered from Section 7 of the Access Tariffs. This circuit must be brought to a central office within the established PMA. This connection is not available in this tariff but can be used to terminate Logical Links from this tariff by subscribers to Site Link connections.

Subcontracting Service Vendor - The service vendor who, under con CANCELLED or Tariff concurrence, agrees to provide a portion of an NSEP Telecommunications Service.

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Summary Report - Provides a monthly total, on paper only, of call set-up, connect time, and kilocharacters transmitted and receign by either User Name or originating city.

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Synchronous - Denotes a type of data transmission where the characters or bits are sent at a fixed rate, with the transmitting and receiving devices synchronized, so that start and stop bits are not required.

Telecommunications Service Priority (TSP) Authorization Code - A special 12 digit code assigned by the TSP Program Office, which authorizes priority provisioning and/or restoration designations for NSEP Telecommunications Services.

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By A. D. ROBERTSON, Assistant Vice President-External Affairs Southwestern Bell Telephone Company St. Louis, Missouri

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**DEFINITIONS** 

2.1 DEFINITIONS-(Continued)

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Telephone Service Line Conditioning - The unique effort required to provision the customer's loop facility for transporting digital signals of up to 56 Kbps.

 $\overline{\text{Digi}}$  tal Link Services 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.

<u>User Name (MICROLINK II)</u> - This is the identification code of each customer. It is a required input at log-on to verify user access to the common control network service components.

<u>Virtual Circuit (MICROLINK II)</u> - A logical channel established as a result of the call set-up procedures to a network address that exists until the common control network service components are released for reuse by the network.

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#### **DEFINITIONS**

### 2.1 DEFINITIONS-(Continued)

<u>Telecommunications Service Priority (TSP) System</u> - The priority provisioning and restoration of services offered under this tariff relative to the National Security Emergency Preparedness (NSEP) Telecommunications Service Priority (TSP) System shall be pursuant to the regulations and rates as delineated in Section 7, following.

For application in this tariff, such regulations, rates and charges shall be interpreted to apply on a "per request, per circuit" basis.

<u>Telephone Company</u> - The Southwestern Bell Telephone Company.

<u>User</u> - A person firm or corporation designated by the customer as a user of Digital Link Services furnished to the customer and who may are such service with the customer in accordance with tariff provisions. A user must be specifically named in the customer's application for service.

<u>User to Network Interface (UNI)</u> - the standard frame relay local management protocol that describes how customer premises equipment (CPE) interconnect and exchange status information with the frame relay network.

<u>Virtual Circuit (MICROLINK II)</u> - A logical channel established as a result of the call set-up procedures to a network address that exists until the common control network service components are released for reuse by the network.



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2.1 DEFINITIONS-(Continued)

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Telecommunications Service Priority (TSP) System

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Public Service Commission
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For application in this tariff, such regulations, rates and charges shall be interpreted to apply on a "per request, per circuit" basis.

Telephone Company - The Southwestern Bell Telephone Company.

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User - A person firm or corporation designated by the customer as a user of Digital Link Services furnished to the customer and who may are such service with the customer in accordance with tariff provisions. A user must be specifically named in the customer's application for service.

Virtual Circuit (MICROLINK II) - A logical channel established as a result of the call set-up procedures to a network address that exists until the common control network service components are released for reuse by the network.

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Virtual Circuit (MICROLINK II) - A logical channel established as a result of the call set-up procedures to a network address that exists until the common control network service components are released for reuse by the network reuse by the network.

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Ву	R. D. BARRON, President-Misso	ouri Divis	ion	

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company

Public Service Commission

St. Louis, Missouri

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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By HORACE WILKINS, JR. President-Missouri Southwestern Bell Telephone St. Louis, Missouri

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company

St. Louis, Missouri JUL 8

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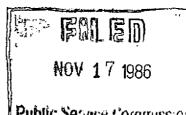
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Digital Link Services Tariff No supplement to this tariff will be issued Section 3 except for the purpose of canceling this tariff. INDEX JUL 1 1 1986 MEGALINK IISM - PREMIUM DIGITAL SERVICE 国で対抗に **Public Service Commission** <del>--18-2</del>4-22-24 24-28 24 24,25 26 26 27,28 28,29 28,29 OCT306 1987 MISBOURI 31,32 32-34 32 33 33,34 35 35 35,36



Public Service Commission

Issued: JUL 15 1986

NOV 17 1986

Effective: 15 15

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Section 3
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Original Sheet 3

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Effective: September 18, 1999

Issued: August 19, 1999

Digital Link Services Tariff
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5th Revised Sheet 1
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### MEGALINK II®- PREMIUM DIGITAL SERVICE (1)

### 3.1 UNDERTAKING OF THE TELEPHONE COMPANY

### 3.1.1 Scope

- A. This Tariff section contains the general regulations and definitions governing MEGALINK II Premium Digital Service furnished by the Telephone Company.
- B. MEGALINK II Premium Digital Service is the furnishing of Telephone 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 Telephone Company only or those of the Telephone Company and other telephone companies.
- C. The Telephone Company does not undertake to transmit messages, but offers the use of its service components, where available, to customers for such purposes.
- (CT) D. This service is competitively classified.

#### 3.1.2 Limitations

- A. 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.
- B. The furnishing of service under this Tariff will require certain physical arrangements of the service components of the Telephone Company and is, therefore, subject to the availability of such service components.
- C. MEGALINK II Premium Digital Service may be limited in order to comply with orders issued under wartime authority of the President of the United States.

### 3.1.3 Liability

- A. The Telephone 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 Telephone 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. No other liability shall in any case attach to the Telephone Company in consideration of such interruptions.
- (1) Obsolete to existing customers.

Issued: February 20, 2002 Effective: March 29, 2002



<sup>&</sup>lt;sup>®</sup> Registered Service Mark of Southwestern Bell Telephone Company

Digital Link Services Tariff
Section 3
4th Revised Sheet 1

CANCEL En Replacing 3rd Revised Sheet 1 MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

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Missouri Public Service Commission

3.1 UNDERTAKING OF THE TELEPHONE COMPANIAR 2 9 2002

3.1.1 Scope

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- A. This Tariff section contains the general regulations and definitions governing MEGALINK II Premium Digital Service furnished by the Telephone Company.
- B. MEGALINK II Premium Digital Service is the furnishing of Telephone 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 Telephone Company only or those of the Telephone Company and other telephone companies.
- C. The Telephone Company does not undertake to transmit messages, but offers the use of its service components, where available, to customers for such purposes.
- D. This service was classified as transitionally competitive effective January 10, 1993.

### 3.1.2 Limitations

- A. 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.
- B. The furnishing of service under this Tariff will require certain physical arrangements of the service components of the Telephone Company and is, therefore, subject to the availability of such service components.
- C. MEGALINK II Premium Digital Service may be limited in order to comply with orders issued under wartime authority of the President of the United States.

### 3.1.3 Liability

A. The Telephone 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 Telephone 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. No other liability shall in any case attach to the Telephone Company in consideration of such interruptions.

(1) Obsolete to existing customers.

(8) Registered Service Mark of Southwestern Bell Telephone Company

FILED SEP 1 8 1999

Issued: August 19, 1999 Effective: September 18, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

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Section 3
3rd Revised Sheet 1
Replacing 2nd Revised Sheet 1

MEGALINK IISM - PREMISSODRITAL SERVICE

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3.1 UNDERTAKING OF THE TELEPHONE COMPANY

MAR 24 1997

### 3.1.1 Scope

MISSOURI Public Service Commission

- A. This Tariff section contains the general regulations and definitions governing MEGALINK II
   Premium Digital Service furnished by the Telephone Company.
- B. MEGALINK II Premium Digital Service is the furnishing of Telephone 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 Telephone Company only or those of the Telephone Company and other telephone companies.
- C. The Telephone Company does not undertake to transmit messages, but offers the use of its service components, where available, to customers for such purposes.
- D. This service was classified as transitionally competitive effective January 10, 1993.

### 3.1.2 Limitations

- A. 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.
- B. The furnishing of service under this Tariff will require certain physical arrangements of the service components of the Telephone Company and is, therefore, subject to the availability of such service components.
- C. MEGALINK II Premium Digital Service may be limited in order to comply with orders issued under wartime authority of the President of the United States.

### 3.1.3 Liability

A. The Telephone 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 Telephone 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. No other liability shall in any case attach to the Telephone Company in consideration of such interruptions.

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SMService Mark of Southwestern Bell Telephone Company

Issued:

MAR 24 1997

Effective: **APR 3 0 1997 APA** 

By KAREN JENNINGS, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri APR 3 0 1997

Digital Link Services Tariff Section 3 2nd Revised Sheet 1 Replacing 1st Revised Sheet 1

MEGALINK II SM - PREMIUM DIGITAL SERVICE

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3.1 UNDERTAKING OF THE TELEPHONE COMPANY

MAR 10 1995

3.1.1 Scope

MISSOURI

- A. This Tariff section contains the general regulations and definitions Commission governing MEGALINK II - Premium Digital Service furnished by the Telephone
- MEGALINK II Premium Digital Service is the furnishing of Telephone 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 Telephone Company only or those of the Telephone Company and other telephone companies.
- The Telephone Company does not undertake to transmit messages, but offers the use of its service components, where available, to curtant flor such purposes.
- D. This service was classified as transitionally competitive effective 997

3.1.2 Limitations

- A. The use and restoration of service shall be in accordance with Sche Federal Communications Commission's Rules and Regulations which specific rederal priority system for any large transfer and restoration of service shall be in accordance with Sche Federal priority system. priority system for such activities.
- B. The furnishing of service under this Tariff will require certain physical arrangements of the service components of the Telephone Company and is, therefore, subject to the availability of such service components.
- C. MEGALINK II Premium Digital Service may be limited in order to comply with orders issued under wartime authority of the President of the United States.

### 3.1.3 Liability

The Telephone 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 Telephone 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. Except as specifically set forth in the General Exchange Tariff, Section 17, Paragraph 17.8.6, no other liability shall in any case attach to the Telephone Company in consideration of such interruptions.

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Service Mark of Southwestern Bell Telephone Company

Issued: MAR 1 0 1995, HORACE WILKINS, JR., President-Missouri Southwestern Bell Telephone Company

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St. Louis, Missouri

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Digital Link Services Tariff Section 3 1st Revised Sheet 1 Replacing Original Sheet 1

MEGALINK II SM - PREMIUM DIGITAL SERVICE

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3.1 UNDERTAKING OF THE TELEPHONE COMPANY

SEP 29 1992

3.1.1 Scope

MISSOURI Public Service Commission

- This Tariff section contains the general regulations and definitions governing MEGALINK II - Premium Digital Service furnished by the Telephone Company.
- MEGALINK II Premium Digital Service is the furnishing of Telephone 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 Telephone Company only or those of the Telephone Company and other telephone companies.
- The Telephone Company does not undertake to transmit messages, but offers the use of its service components, where available, to customers can be serviced to the components of the components of the customers of the c
- (AT) D. This service was classified as transitionally competitive effective (AT) January 10, 1993.
  - 3.1.2 Limitations
  - A. The use and restoration of service shall be in accordance which specific Commission Communications Commission's Rules and Regulations which specific priority system for such actions.
  - B. The furnishing of service under this Tariff will require certain physical arrangements of the service components of the Telephone Company and is, therefore, subject to the availability of such service components.
  - C. MEGALINK II Premium Digital Service may be limited in order to comply with orders issued under wartime authority of the President of the United States.

### 3.1.3 Liability

The Telephone 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 Telephone 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.

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Service Mark of Southwestern Bell Telephone Company

Effective: Issued:

JAN 1 0 1993

OCT 0 1 1992

By A. D. ROBERTSON, Assistant Vice President-External Affairs JAN 10 1993

MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL CERVICE 101993

3.1 UNDERTAKING OF THE TELEPHONE COMPANY

### 3.1.1 Scope

A. This Tariff section contains the general regulations and definite Service Commission governing MEGALINK II - Premium Digital Service furnished by the Telephone Company.

Digital Link Services Tariff

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Section 3

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- MEGALINK II Premium Digital Service is the furnishing of Telephone 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 Telephone Company only or those of the Telephone Company and other telephone companies.
- C. The Telephone Company does not undertake to transmit messages, but offers the use of its service components, where available, to customers for such purposes.

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- 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.
- The furnishing of service under this Tariff will require certain physical arrangements of the service components of the Telephone Company and is, therefore, subject to the availability of such service components.
- C. MEGALINK II Premium Digital Service may be limited in order to comply with orders issued under wartime authority of the President of the United States.

### 3.1.3 Liability

The Telephone 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 Telephone 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 exercise 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.

Service Mark of Southwestern Bell Telephone Company

Public Service Commission

NOV 17 1986

JUL 15 1986 Issued:

Effective: CPP-15-1983

Digital Link Services Tariff
Section 3
2nd Revised Sheet 2
Replacing 1st Revised Sheet 2

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

- 3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)
  - 3.1.3 Liability-(Continued)
    - B. The Telephone Company shall be indemnified and saved harmless by the customer or user against:
      - 1. Claims for libel, slander and infringement of copyright arising from the material transmitted over the service components;
      - 2. Claims for infringement of patents arising from combining with, or using in connection with, service components furnished by the Telephone Company, apparatus and systems of the customer or user; and
      - 3. All other claims arising out of any act of omission of the customer or user in connection with the service components provided by the Telephone Company.
    - C. The Telephone 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 Telephone 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 Telephone 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.

- D. The Telephone 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 Telephone 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 Telephone Company.
- E. The Telephone Company shall in no way be liable for any harm or any damages arising in connection with any failure to properly ground or bond the service, the premises, any structure in which the service is to be provided or used, or any service components, equipment, or associated wiring.
- (AT) (1) Obsolete to existing customers.



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Digital Link Services Tariff Section 3

1st Revised Sheet 2

Replacing Original Sheet 2

MEGALINK II SM - PREMIUM DIGITAL SERVICE

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3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)

DEC 9 1991.

3.1.3 Liability-(Continued)

MISSOURI Public Service Commission

B. The Telephone Company shall be indemnified and saved harmless by the customer or user against:

- 1. Claims for libel, slander and infringement of copyright arising from the material transmitted over the service components;
- 2. Claims for infringement of patents arising from combining with, or using in connection with, service components furnished by the Telephone Company, apparatus and systems of the customer or user; and
- 3. All other claims arising out of any act of omission of the customer or user in connection with the service components provided by the Telephone Company.
- C. The Telephone 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 Telephone 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 Telephone 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.

- D. The Telephone 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 Telephone 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 Telephone Company.
- E. The Telephone Company shall in no way be liable for any harm or any damages arising in connection with any failure to properly ground or bond the service, the premises, any structure in which the service is to be provided or used, or any servance or used, or any servance or used. 9 1992

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

- 3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)
- 3.1.3 Liability-(Continued)
  - B. The Telephone Company shall be indemnified and saved the Service Commission customer or user against:
    - 1. Claims for libel, slander and infringement of copyright arising from the material transmitted over the service components;
    - with, or using in connection with, service components fur CANCELLED nished by the Telephone Company apparatus 2. Claims for infringement of patents arising from combining the customer or user; and
    - 3. All other claims arising out of any act of omission of the by late customer or user in connection with the service components C Service Commission provided by the Telephone Company.
  - The Telephone 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 Telephone 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 Telephone 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.

The Telephone 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 Talanhara Common to the associated wiring. furnished by the Telephone Company on such premises or by the installation or removal thereof, when such defacement or damage his not New 17 1986 result of negligence of the agents or employees of the Telephone Company.

Public Service Commission |

Issued: JUL 15 1986

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Digital Link Services Tariff
Section 3
2nd Revised Sheet 3
Replacing 1st Revised Sheet 3

### (AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

- 3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)
  - 3.1.4 Provision of Service Components
    - A. The Telephone Company will provide all service components necessary for MEGALINK II Premium Digital Service up to the demarcation point 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.
    - B. MEGALINK II Premium Digital Service furnished by the Telephone 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 Paragraph 3.4.4 of this Tariff, or contract beyond the initial period, or both.
    - C. The charges specified in the Tariff do not contemplate installation, maintenance or repair work being performed by the Telephone Company employees involved at a time when overtime wages apply as a result of customer requests, not 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 Telephone Company's convenience.

In situations where the customer requests that "standby" Telephone 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.

- D. When serving office boundary realignments are necessary at the discretion of the Telephone Company, those MEGALINK II Premium Digital Services affected by the change will be reconfigured, and this may result in increases or decreases in charges. Any change in charges billed to a MEGALINK II Premium Digital Service customer will become effective when the serving office area transfer is made.
- (AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999



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Digital Link Services Tariff
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Replacing Original Sheet 3

MEGALINK IISM - PREMIUM DIGITAL SERVICE

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3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)

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3.1.4 Provision of Service Components

- A. The Telephone Company will provide all service components necessary for MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the MEGALINK II Premium Digital Service up to the demarcation point of the
- B. MEGALINK II Premium Digital Service furnished by the Telephone 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 Paragraph 3.4.4 of this Tariff, or contract beyond the initial period, or both.
- C. The charges specified in this Tariff do not contemplate installation, maintenance or repair work being performed by the Telephone 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 Telephone Company's convenience.

In situations where the customer requests that "standby" Telephone 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.

D. When serving office boundary realignments are necessary at the discretion of the Telephone Company, those MEGALINK II - Premium Digital Services affected by the change will be reconfigured, and this may result in increases or decreases in charges. Any change in charges billerical MEGALINK II - Premium Digital Service customer will become effective when the serving office area transfer is made.

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 3

Original Sheet 3

JUL 1 1 1986

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# 3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)

- 3.1.4 Provision of Service Components
  - A. The Telephone Company will provide all service components Public Services Commission MEGALINK II - Premium Digital 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.
  - MEGALINK II Premium Digital Service furnished by the Telephone 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 Paragraph 3.4.4 of this Tariff, or contract beyond the initial period, or both.
  - C. The charges specified in this Tariff do not contemplate installation, maintenance or repair work being performed by the maintenance or repair. maintenance or repair work being performed by the Telephone Company 9 1992 employees involved at a time when overtime wages apply as a result of customer requests, nor do they contemplate work once begun beine tublic Service Commissio: interrupted by the customer.

If the customer requests that labor be performed at hours of the May 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 Telephone Company's convenience.

In situations where the customer requests that "standby" Telephone 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.

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Public Service Commission !

Issued: JUL 15 1986

NOV 17 1986 Effective: CED 15 1006

Digital Link Services Tariff
Section 3
3rd Revised Sheet 4
Replacing 2nd Revised Sheet 4

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

- 3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)
  - 3.1.4 Provision of Service Components-(Continued)
    - E. When the customer requires the modification of standard service components not otherwise provided in this tariff, the modification can be furnished by the Telephone 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.
    - F. The network interface shall be located in a manner consistent with federal and state regulatory requirements, as set forth in the definition of Demarcation Point in Section 2, Paragraph 2.1, preceding.

(AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999

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(CT) MEGALINK II® - PREMIUM DIGITAL SERVICE

3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)

DEC 9 1991:

3.1.4 Provision of Service Components-(Continued)

MISSOURI Public Service Commission

- E. When the customer requires the modification of standard service components not otherwise provided in this tariff, the modification can be furnished by the Telephone 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.
- (RT) F. The network interface shall be located in a manner consistent with federal
   (AT) and state regulatory requirements, as set forth in the definition of
   (AT) Demarcation Point in Section 2, Paragraph 2.1, preceding.

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Issued: DEC 1 0 1991

Effective: MAY - 9 1992

Digital Link Services Tariff
Section 3
1st Revised Sheet 4
Replacing Original Sheet 4

MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

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3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)

SEP 12 1988

3.1.4 Provision of Service Components-(Continued)

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- E. When the customer requires the modification of standaudice Service of more most otherwise provided in this tariff, the modification can be furnished by the Telephone 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.
- F. The placement of the network interface shall be located in a manner consistent with federal and state regulatory requirements. This location will be at each customer's premises, unless specified otherwise by the customer or building/land owner and agreed to by the Telephone Company.
- G. The network interface may be placed on each floor of the customer's premises at a mutually agreed upon location, which is accessible to both the customer and the Telephone Company. This location, which will be common to all services, will take into account technical service parameters and typically will be within twenty-five feet of the PBX, key or multifunction customer premises equipment.
- H. The Telephone Company may also provide a secondary network interface location at the same customer's premises for high density concentrations of twenty-four or more circuit equivalents (e.g., one 1.544 Mbps or twenty-five or more pairs, or multiplexed services) at locations such as computer centers, command posts, etc.

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Issued: SEP 1 2 1988

Effective: OCT 12 1988

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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Digital Link Services Tariff Section 3

Original Sheet 4

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# MEGALINK IISM - PREMIUM DIGITAL SERVICE

- 3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)
- 3.1.4 Provision of Service Components-(Continued)
- E. When the customer requires the modification of standard yell itervices commission not otherwise provided in this Tariff, the modification can be furnished by the Telephone 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.

#### 3.1.5 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 MEGALINK II - Premium Digital Service is operating at an error performance level that is unsatisfactory to the customer, and the Telephone 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 Paragraph 3.4.8, C., of this Tariff. All such credit allowances shall begin from the time of notice by the customer or user to the Telephone Company that an unsatisfactory performance level has occurred, provided that the customer promptly releases the service as requested by the Telephone Company to perform testing and maintenance.

#### 3.2 USE

MEGALINK II - Premium Digital Service may be used in Paragraph 3.2.1, following.

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3.2.1 Authorized Use

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- A. MEGALINK II Premium Digital Service may Public Service Communications to or from the customer's service points Service points Service to the customer's business.
- B. MEGALINK II Premium Digital 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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Issued: JUL 15 1986

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Effective 15 500

Digital Link Services Tariff
Section 3
2nd Revised Sheet 4.01
Replacing 1st Revised Sheet 4.01

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

#### 3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)

#### 3.1.5 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 of the channel for operation at all transmission speeds offered in this tariff. When MEGALINK II - Premium Digital Service is operating at an error performance level that is unsatisfactory to the customer, and the Telephone 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 Paragraph 3.4.8, C., of this tariff. All such credit allowance shall begin from the time of notice by the customer or user to the Telephone Company that an unsatisfactory performance level has occurred, provided that the customer promptly releases the service as requested by the Telephone Company to perform testing and maintenance.

#### 3.2 USE

MEGALINK II - Premium Digital Service may be used for the purposes specified in Paragraph 3.2.1, following.

#### 3.2.1 Authorized Use

- A. MEGALINK II Premium Digital Service may be used for transmission of communications to or from the customer's service points and relating to the customer's business.
- B. MEGALINK II Premium Digital 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.

(AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999

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Digital Link Services Tariff
Section 3
1st Revised Sheet 4.01
Replacing Original Sheet 4.01

MEGALINK II SM - PREMIUM DIGITAL SERVICE

DEC 9 1991

3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)

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3.1.5 Service Guarantee

**Public Service Commission** 

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3.2 USE

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Digital Link Services Tariff Section 3 Original Sheet 4.01

MEGALINK II SM - PREMIUM DIGITAL SERVICE

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3.1 UNDERTAKING OF THE TELEPHONE COMPANY-(Continued)

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3.1.5 Service Guarantee

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Digital Link Services Tariff Section 3 1st Revised Sheet 5 Replacing Original Sheet 5

### (AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

#### 3.2 USE-(Continued)

#### 3.2.2 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 Telephone company will refuse to furnish service when it has reasonable grounds to believe that such service will be used in violation of the law.

#### 3.2.3 Resale of Use to Others

MEGALINK II - Premium Digital 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 another 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.

#### 3.2.4 Shared Use

- A. 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 Paragraph 3.6.2, following.
- B. The Telephone 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 Telephone Company only from the customer.

(AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999

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Digital Link Services Tariff
Section 3

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

3.2 USE-(Continued)

3.2.2 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 Telephone Company will refuse to furnish service when it has reasonable grounds to believe that such service will be used in violation of the law.

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- B. The Telephone 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 Telephone Company only from the customer.

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Issued: JUL 15 1986

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Digital Link Services Tariff
Section 3
1st Revised Sheet 6
Replacing Original Sheet 6

## (AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

- 3.2 USE-(Continued)
  - 3.2.4 Shared Use-(Continued)
    - C. The charges for MEGALINK II Premium Digital 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 MEGALINK II Premium Digital Service shall not exceed the total charge billed to the customer by the Telephone Company.

#### 3.3 OBLIGATIONS OF THE CUSTOMER

3.3.1 Customer Responsibilities

The customer shall be responsible for:

- A. Damages to service components of the Telephone 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.
- B. Reimbursing the Telephone Company for an loss through theft of the service components on the customer's premises.
- C. The provision, installation and maintenance of sealed conduit with explosive-proof fittings between service components furnished by the Telephone Company in explosive atmospheres and points outside the hazardous area where connection may be made with regular service components of the Telephone Company and may be required to install and maintain Telephone Company service components within the hazardous area if, in the opinion of the Telephone Company, injury or damage to Telephone Company employees or property might result from installation or maintenance by the Telephone Company.
- D. Obtaining permission for Telephone 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 Telephone Company.
- E. Service components on the customer's premises shall be and remain the property of the Telephone Company.

(AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999

Southwestern Bell Telephone Company St. Louis, Missouri

By JAN NEWTON, President-Missouri



Digital Link Services Tariff Section 3

Original Sheet 6

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

3.2 USE-(Continued)

3.2.4 Shared Use-(Continued)

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C. The charges for MEGALINK II - Premium Digital Service shell be Service Commission as provided in this Tariff, and all charges for the service will be billed to the customer. The charges allocated by the customer for MEGALINK II - Premium Digital Service shall not exceed the total charge billed to the customer by the Telephone Company.

#### 3.3 OBLIGATIONS OF THE CUSTOMER

3.3.1 Customer Responsibilities

The customer shall be responsible for:

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- B. Reimbursing the Telephone Company for any loss through theft of the service components on the customer's premises.
- C. The provision, installation and maintenance of sealed conduit with explosive-proof fittings between service components furnished by the Telephone Company in explosive atmospheres and points outside the hazardous area where connection may be made with regular service components of the Telephone Company and may be required to install and maintain Telephone Company service components within the hazardous area if, in the opinion of the Telephone Company, injury or damage to Telephone Company employees or property might result from installation or maintenance by the Telephone Company.
- D. Obtaining permission for Telephone 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 Telephone Company.

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Issued: JUL 15 1986

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Digital Link Services Tariff
Section 3
2nd Revised Sheet 7
Replacing 1st Revised Sheet 7

MEGALINK II<sup>®</sup> - PREMIUM DIGITAL SERVICE(1)

### 3.3 OBLIGATIONS OF THE CUSTOMER-(Continued)

- 3.3.1 Customer Responsibilities-(Continued)
  - F. Furnishing and maintaining poles and/or underground service components on private property. The Telephone Company will not provide on-premises service components for the provision of MEGALINK II Premium Digital Service.
  - G. Grounding and/or bonding the premises and any structure in which service is to be provided or used, as well as any equipment and associated wiring.
- 3.3.2 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 on the Telephone Company side of the Demarcation Point, except upon the written consent of the Telephone Company.

3.3.3 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 service charges if the service is assumed exactly as provided to the previous customer.

#### 3.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

- 3.4.1 Payment of Charges and Deposits
  - A. Advance Payments

Applicants for service who have no account with the Telephone 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 Telephone Company, equal to the service 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.

B. Payment for Service

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

(AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999



Digital Link Services Tariff Section 3 1st Revised Sheet 7 Replacing Original Sheet 7

MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

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3.3 OBLIGATIONS OF THE CUSTOMER-(Continued)

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3.3.1 Customer Responsibilities-(Continued)

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- F. Furnishing and maintaining poles and/or underground service components on private property. The Telephone Company will not provide on-premises service components for the provision of MEGALINK II - Premium Digital Service.
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3.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES

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3.4.1 Payment of Charges and Deposits

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A. Advance Payments

Advance Payments

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Applicants for service who have no account with the Perephones Europeany 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 Telephone Company, equal to the service charges, if applicable, and at least one month's charges for the service provided. amount of the advance payment is credited to the customer's account as applying to any indebtedness of the customer for the service furnished.

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Issued:

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Digital Link Services Tariff Section 3

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

- 3.3 OBLIGATIONS OF THE CUSTOMER-(Continued)
- 3.3.1 Customer Responsibilities-(Continued)
- F. Furnishing and maintaining poles and/or underground service components on private property. The Telephone Company will not provide on-premises service components for the provision of MEGALINK II - Premium Digital Service.
- 3.3.2 Rearrangements and Repairs

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3.3.3 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 service charges if the service is assumed exactly as provided to the previous customer.

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- 3.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES
- 3.4.1 Payment of Charges and Deposits
- A. Advance Payments

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B. Payment for Service

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

Public Service Commission

Issued: JUL 15 1986

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Digital Link Services Tariff
Section 3
1st Revised Sheet 8
Replacing Original Sheet 8

MEGALINK II<sup>®</sup> - PREMIUM DIGITAL SERVICE(1)

- 3.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES-(Continued)
  - 3.4.1 Payment of Charges and Deposits-(Continued)
  - C. Deposits

The Telephone Company may require an applicant or a present customer to post a deposit in accordance with the provisions of the Rules and Regulations Applying to all Customers" Contracts Section of the General Exchange Tariff.

3.4.2 Cancellation for Cause

The Telephone 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.

- 3.4.3 Minimum and Fractional Rates and Charges
- A. The minimum service period is one month, except when the cost of special construction is such as to necessitate a longer contract period.
- B. 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 MEGALINK II - Premium Digital 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 MEGALINK II - Premium Digital 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.

- C. 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.
- (AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999



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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 3 Original Sheet 8

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3.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES-(Continued)

3.4.1 Payment of Charges and Deposits-(Continued)

C. Deposits

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Issued: JUL 15 1986

NOV 17 1986 Effective:

Digital Link Services Tariff Section 3 1st Revised Sheet 9 Replacing Original Sheet 9

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

- 3.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES-(Continued)
  - 3.4.4 Special Construction
  - A. Rates and charges for special construction will be provided as set forth in Section 14 of the Access Services Tariff.
  - B. Special Construction is that construction undertaken:
    - 1. Where service components are not presently available, and there is no other requirement for the service components so constructed.
    - 2. Of a type other that that which the Telephone Company would normally utilize in the furnishing of its services.
    - 3. Over a route other than that which the Telephone Company would normally utilize in the furnishing of its services.
    - 4. In a quantity greater than that which the Telephone Company would normally construct to serve the customer's needs.
    - 5. On a temporary basis until permanent service components are available.
    - 6. Involving abnormal costs.
    - 7. In advance of the normal construction on an expedited basis.
  - C. A request for charges for special construction will be subject to a special Quotation Charge for the Direct administrative and engineering costs associated with the preparation of that particular quotation. The amount of such charges will be credited to the account of the customer when an order for that particular special construction is received within 90 days of the quotation. The customer will authorize, through a designated representative, the request for a quotation before the Telephone Company undertakes any work involved in developing such quotations.

(AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 3

Original Sheet 9

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3.4.4 Special Construction

- A. Rates and charges for special construction will be provide Service Commission in Section 14 of the Access Services Tariff.
- B. Special Construction is that construction undertaken:

3.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES-(Continued)

- 1. Where service components are not presently available, and there is no other requirement for the service components so constructed.
- 2. Of a type other than that which the Telephone Company would normally utilize in the furnishing of its services.
- 3. Over a route other than that which the Telephone Company would normally utilize in the furnishing of its services.
- 4. In a quantity greater than that which the Telephone Company would normally construct to serve the customer's needs.
- 5. On a temporary basis until permanent service components are available.
- Involving abnormal costs.
- In advance of the normal construction on an expedited basis.
- C. A request for charges for special construction will be subject to a special Quotation Charge for the direct administrative and engineering costs associated with the preparation of that particular quotation. The amount of such charges will be credited to the account of the customer when an order for that particular special construction is received within 90 days of the quotation. The customer will authorize, through a designated representative, the request for a quotation before the Telephone Company undertakes any work involved in developing such quotations.

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Issued: JUL 15 1986

NOV 17 1986 Effective:

Digital Link Services Tariff Section 3 1st Revised Sheet 10 Replacing Original Sheet 10

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

#### 3.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES-(Continued)

#### 3.4.5 Change in Service Arrangement

The service 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 Telephone Company.

#### 3.4.6 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 that 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.

#### 3.4.7 Temporary Surrender of a Service

When, at the request of the Telephone 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.

#### 3.4.8 Allowance for Interruptions

If the service is interrupted other than by the negligence of 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 Telephone company.

(AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri



Digital Link Services Tariff Section 3

Original Sheet 10

MEGALINK IISM - PREMIUM DIGITAL SERVICE

3.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES-(Continued)

JUL 1 1 1986

3.4.5 Change in Service Arrangement

Wi2207KI The service charge for the applicable operating specific Service Commission the customer requests a change in service arrangement that results

in a change in operation of the service components provided by the

Telephone Company.

3.4.6 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.

3.4.7 Temporary Surrender of a Service

When, at the request of the Telephone 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.

3.4.8 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 Telephone Company.

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Public Service Commission

Issued: JUL 15 1986

NOV 17\_1988 Effective

Digital Link Services Tariff
Section 3
1st Revised Sheet 11
Replacing Original Sheet 11

### (AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

#### 3.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES-(Continued)

- 3.4.8 Allowances for Interruptions-(Continued)
- A. 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.
- B. 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.
- C. For periods of substandard performance as specified in Paragraph 3.1.5 of this Tariff, credit allowance from the time of notice by the customer shall be provided as follows:

Length of Interruptions	Credit
Less than 30 minutes	None
30 minutes up to 3 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

#### 3.4.9 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.

- A. A charge equal to the estimated costs incurred in such installation, less estimated net salvage.
- B. 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.
- C. Installation of service components for a customer is considered to have started when the Telephone 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 Telephone Company for provision of service.
- (AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999



Digital Link Services Tariff Section 3 Original Sheet 11

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

3.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES-(Continued)

JUL 1 1 1986

3.4.8 Allowances for Interruptions-(Continued)

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- A. No credit is allowed for interruption of less than 24 hours (exceptive Commission 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.
- B. 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.
- C. For periods of substandard performance as specified in Paragraph 3.1.5 of this Tariff, credit allowance from the time of notice by the customer shall be provided as follows:

Length of Interruptions	Credit CANCELLED
Less than 30 minutes 30 minutes up to 3 hours 3 hours up to 6 hours 6 hours up to 9 hours 9 hours up to 12 hours Over 12 hours	None 1/10 day SEP 1 8 1998 1/5 day 2/5 day By Service Commission One day  None SEP 1 8 1998  SEP 1 8 1 8 1998  SEP

3.4.9 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.

A. A charge equal to the estimated costs incurred in such installation, less estimated net salvage.

B. 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.

C. Installation of service components for a customer is considered to have started when the Telephone Company incurs any expense, including COMMISSION engineering, in connection therewith, or in preparation therefore, which would not otherwise have been incurred, provided the customer has placed an order with the Telephone Company for provision of service.

Issued: JUL 15 1986

Effective AFF 13 1886

Digital Link Services Tariff
Section 3

4<sup>th</sup> Revised Sheet 12
Replacing 3<sup>rd</sup> Revised Sheet 12
Original Sheet 13
2nd Revised Sheet 14
3rd Revised Sheet 15
1st Revised Sheet 16

Original Sheet 17

(AT) MEGALINK II<sup>®</sup> - PREMIUM DIGITAL SERVICE(1)

3.5 DEFINITIONS

Definitions previously appearing on Sheets 12 through 18 can now be found in Section 2.1 of this tariff.

(AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999



P.S.C. Mo.-No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 3

3rd Revised Sheet 12

Replacing 2nd Revised Sheet 12

Original Sheet 13

2nd Revised Sheet 14

3rd Revised Sheet 15 1st Revised Sheet 16

Original Sheet 17
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MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

JUN 28 1991

3.5 DEFINITIONS

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Definitions previsouly appearing on Sheets 12 through 18 can now be found in Section 2.1 of this tariff.

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SEP 1 8 1998

Public Service Commission MISSOURI

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Effective: AUG - 2 CC1

AUG 2 1991

Digital Link Services Tariff Section 3 2nd Revised Sheet 12 Replacing 1st Revised Sheet 12

MEGALINK II SM - PREMIUM DIGITAL SERVICE

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3.5 DEFINITIONS

SEP 25 1989

Telephone Company - The Southwestern Bell Telephone Company. MISSOUS! Public Service Commission Accessories - Devices which are mechanically attached to, or used with, the service components furnished by the Telephone Company and which are independent of, and not electrically, acoustically or inductively connected to the conductors in the communications path of the Telephone Company service components.

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

Channel - a path (or paths) for intraLATA digital transmission between (CT) customer premises, a customer's premises and a Digital Hub, or between (CT) Digital Hubs. A channel is comprised of local distribution and (CT)

interoffice components as required. A channel may be furnished in such manner as the Telephone Company may elect, whether by wire, radio or a combination thereof and whether or not by means of a single physical facility or route.

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 Telephone 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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Issued: SEP 2 5 1989

OCT 1 SH-ED Effective:

Digital Link Services Tariff Section 3 1st Revised Sheet 12 Replacing Original Sheet 12

# MEGALINK IISM - PREMIUM DIGITAL SERVICE RECEIVED

#### 3.5 DEFINITIONS

JUN 22 1988

Telephone Company - The Southwestern Bell Telephone Company. MISSOURI

Accessories - Devices which are mechanically attached ctoorgroused mathematical service components furnished by the Telephone Company and which are independent of, and not electrically, acoustically or inductively connected to the conductors in the communications path of the Telephone Company service components.

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

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 Telephone Company may elect, whether by wire, radio or a combination thereof and whether or not by means of a single physical facility or route.

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BY 3 CON R. S. #12 Public Service Commission MISSOURI

(CP)

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 Telephone 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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Effective: JUL 8

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

JUL 8 1988

Public Service Commission

Digital Link Services Tariff Section 3

MEGALINK IISM - PREMIUM DIGITAL SERVICE

JUL 1 1 1986

3.5 DEFINITIONS

Telephone Company - The Southwestern Bell Telephone Company Public Service Commission

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

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

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 Telephone 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 - A Channel Service Unit (CSU) for MEGALINK II - Premium Digital Service, or its functional equivalent is required at each customer's terminal location on a MEGALINK II-Premium Digital Service facility. The CSU may perform such functions as: proper termination of the facility, amplification, signal shaping and remote loop back. CSU's installed, owned or on order by the Telephone Company prior to November 18, 1983, can be provided by Southwestern Bell Telephone Company. These embedded CSU's may be moved, rearranged or reconnected for the life of the equipment. The CSU or its functional equivalent, other than the embedded CSU's discussed herein, will be provided by the customer. CSU's or their functional equivalents must be connected in accordance with the regulations as set forth in this Tariff.

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 Telephone 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 Adviction as amended, to acquire and operate service components to perform data switching for others. A customer shall be classified as a Composite Pata Service Vendor only with respect to use of those exchange services which are utilized for the provision of Composite Data ServiED CANCELLED Public Service Commission

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Issued: JUL 15 1986

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BY R. D. BARRON MPresident-Missouri Division Southwestern Bell Telephone Company

St. Louis, Missouri

Digital Link Services Tariff

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

JUL 1 1 1986

### 3.5 DEFINITIONS-(Continued)

Concurring Carrier - Any carrier (other than a Confection Concerning Carrier - Any carrier (other than a Confection Concerning Carrier is fully subject to the Communications Act of 1934, as amended which, instead of filing its own tariffs, concurs in and assents to schedules of charges and regulations filed in its behalf by an Issuing Carrier. (An Issuing Carrier is a carrier, subject to the Communications Act of 1934, as amended, which publishes and files tariffs with the Federal Communications Commission.)

Connecting Company - A corporation, association, firm or individual owning and operating one or more exchanges and with whom traffic is interchanged.

<u>Customer</u> - The person, firm or corporation which orders service and is responsible for the payment of charges and compliance with Telephone Company regulations. A customer for MEGALINK II - Premium Digital 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 MEGALINK II Premium Digital 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 service components provided by a customer or user which are capable, when not connected to MEGALINK II - Premium Digital 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.

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Digital Link Services Tariff
Section 6
3rd Revised Sheet 14
Replacing 2nd Revised Sheet 14

MICROLINK II - PACKET SWITCHING DIGITAL SERVICE

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6.7 RATES AND CHARGES-(Continued)

MAR 29 1993

(RT) 6.7.1 Rate Applications-(Continued)

MISSOURI

(FC) H. Call Establishment(1)

RATE @ ublic Service Commission

1. Call Set Up, Per Set Up

\$0.005

(FC) I. Character Transmission Charge(2)(4)

 Without Protocol Conversion, Per Kilocharacter

\$0.020

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- (1) This charge does not apply to sessions involving Permanent Virtual Circuits.
- (2) Call sessions are rated based upon rates in effect at the time the call is initiated. In cases where a call begins in one rate period and ends in another, the rate in effect in each period applies to the portion of the session occurring within that rate period.

(3) These charges can be paid by either the call originating end or the call destination end.

(4) Protocol Conversion of basic MICROLINK II -Packet Switching Digital Service traffic is available on a detariffed basis via separate contractual arrangements with Southwestern Bell Telephone Company.

Issued:

Effective:

MAR 2 6 1993

APR 1 1 1993

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff
Section 3
2nd Revised Sheet 14
Replacing 1st Revised Sheet 14
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MEGALINK II SM - PREMIUM DIGITAL SERVICE

SEP 25 1989

3.5 DEFINITIONS-(Continued)

Data Switching - As used in connection with Composite Data Service, denotes sion 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.

(AT) Digital Connectivity - The availability of digital facilities to connect all customer premises on a specific circuit. Special routing may be required in certain instances to provide digital connectivity.

(CT) Digital Hub - Designated Telephone Company office where certain Additional Service Features can be provided for MEGALINK II - Premium Digital Service Channels. Digital Hub locations are specified in the appropriate National Exchange Carrier Association, Inc. Wire Center Information Tariff.

<u>Duplex</u> - An operation which permits customers to communicate in both directions simultaneously.

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MEGALINK II SM - PREMIUM DIGITAL SERVICE

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3.5 DEFINITIONS-(Continued)

JUN 22 1988

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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 Hub - Designated Telephone Company office where MEGALINK II -Premium Digital 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.

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

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Section 3

Digital Link Services Tariff

3.5 DEFINITIONS-(Continued)

Data Service Unit - A service component which performs the processing rime-tions, such as coding and decoding of signals, timing recovery commission sampling, formatting and the generation and recognition of control signals: The Data Service Unit is not a component of MEGALINK II - Premium Digital Service and is considered Customer Premises Equipment.

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 Hub - Designated Telephone Company office where MEGALINK II - Premium Digital 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.

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> JUL 8 1988 Public Service Commission

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MEGALINK II SM - PREMIUM DIGITAL SERVICE

SEP 25 1989

#### 3.5 DEFINITIONS-(Continued)

MISSOURI

Exchange - Denotes a unit established by the Telephone Company or a connecting company for the administration of telecommunication 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.

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).

Interoffice Channel - A two-point transmission path between Serving Offices (CT) (CT) or a Serving Office and a Digital Hub.

> IntraLATA - MEGALINK II - Premium Digital Service where the originating service point location and the terminating service point location are all within the same Local Access and Transport Area (LATA).

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.

(CT) Local Distribution Channel - a two-point transmission path between a

(AT) customer's premises and a Serving Office, or a Digital Hub which is

(AT) also the customer's normal Serving Office.

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Digital Link Services Tariff Section 3 2nd Revised Sheet 15 Replacing 1st Revised Sheet 15

MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

3.5 DEFINITIONS-(Continued)

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Exchange - Denotes a unit established by the Telephone Company Spauri connecting company for the administration of telecommunication of telecommunication 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.

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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).

Interoffice Section - A two-point transmission path between a Serving Office and a Digital Hub.

IntraLATA - MEGALINK II - Premium Digital Service where the originating service point location and the terminating service point location are all within the same Local Access and Transport Area (LATA).

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.

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3.5 DEFINITIONS-(Continued)

MISSOURI Exchange - Denotes a unit established by the Telephone Company or a connecting company for the administration of telecommunication 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.

Interface - Denotes that point at the premises of the customer at which provision is made for connection of other than Telephone company-provided service components to service components provided by the Telephone Company.

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> 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).

Interoffice Section - A two-point transmission path between a Serving Office and a Digital Hub.

IntraLATA - MEGALINK II - Premium Digital Service where the originating service point location and the terminating service point location are all within the same Local Access and Transport Area (LATA).

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.

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**Public Service Commission** MISSOURI

Issued: JUN 2 2 1988 THE REPORT OF STREET

**Effective:** 

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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Public Service Commission

Digital Link Services Tariff Section 3

Original Sheet 15

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

### 3.5 DEFINITIONS-(Continued)

Exchange - Denotes a unit established by the Telephone Company quasconnation of telecommunication service in a specified area which usually embraces a metropolitan area. Chipenton communication 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.

Interface - Denotes that point at the premises of the customer at which provision is made for connection of other than Telephone Company-provided service components to service components provided by the Telephone Company. The Telephone Company-provided Channel Service Unit is the interface between the MEGALINK II - Premium Digital 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).

<u>Interoffice Section</u> - A two-point transmission path between a Serving Office and a Digital Hub.

<u>IntraLATA</u> - MEGALINK II - Premium Digital Service where the originating service point location and the terminating service point location are all within the same Local Access and Transport Area (LATA).

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.

<u>Local Distribution Section</u> - A two-point transmission path between a customer's premises and a Serving Office.

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Public Service Commission

Issued: JUL 15 1986

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Digital Link Services Tariff Section 3 1st Revised Sheet 16 Replacing Original Sheet 16

MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

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### 3.5 DEFINITIONS-(Continued)

SEP 1 2 1988

Move - As used in connection with the application of move charges Spural MEGALINK II - Premium Digital Service, denotes a changeublictherwice Commission 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 Telephone Company.

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Network Interface - The point of termination for the Telephone Company's regulated network services. It is the point of interconnection between Telephone Company provided and owned facilities and terminal equipment or inside wiring at the customer's premises and is a Telephone Company provided standard jack or its equivalent.

Obsolete - A classification indicating the restricted availability of a service offering. The extent of the restriction is denoted by annotations as follows:

Existing Locations:

Can add to existing system. Can transfer contract. Cannot move from one premises to another.

Existing Installations:

Can transfer contract. Cannot add to existing system. Cannot move from one premises to another.

Existing Customers:

Can add to existing system. Can move from one premises to another. Cannot transfer contract.

Existing Customers at Existing Locations:

Can add to existing system. Cannot move from one premises to another. Cannot transfer contract.

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MISSOURI

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Digital Link Services Tariff Section 3

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

3.5 DEFINITIONS-(Continued)

JUL 1 1 1986

Move - As used in connection with the application of move charges WASSURI MEGALINK II - Premium Digital Service, denotes a change in place of the commission location (whether on the same or different premises), when made at the commission request of the customer without discontinuance of service, of service components provided by the Telephone Company.

Obsolete - A classification indicating the restricted availability of a service offering. The extent of the restriction is denoted by annotations as follows:

### Existing Locations:

Can add to existing system.
Can transfer contract.
Cannot move from one premises to another.

### Existing Installations:

Can transfer contract.
Cannot add to existing system.
Cannot move from one premises to another.

### Existing Customers:

Can add to existing system.

Can move from one premises to another.

Cannot transfer contract.

### Existing Customers at Existing Locations:

Can add to existing system. Cannot move from one premises to another. Cannot transfer contract.

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OCT 1 2 1988

BY Lat. R.S. #16 Public Service Commission MISSOURI NOV 1 7 1986
Public Service Commission

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Digital Link Services Tariff Section 3 Original Sheet 17

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MISSOURI

**Public Service Commission** 

MEGALINK IISM - PREMIUM DIGITAL SERVICE

3.5 DEFINITIONS-(Continued)

Obsolete-(Continued)

Existing Installations at Existing Locations:

Can transfer contract.

Cannot add to existing system.

Cannot move from one premises to another.

Existing Installations at Existing Locations for Existing Customers:

Cannot add to existing system.

Cannot move from one premises to another.

Cannot transfer contract.

Existing Service Arrangements:

Can move from one premises to another.

Can transfer contract.

Cannot add to existing system.

Existing Systems:

Can move from one premises to another.

Can transfer contract.

Can add to existing system.

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AUG 2 1991 BY 24 R.S. #12

Public Service Commission MISSOURI

<u>Patron</u> - As used in connection with Composite Data Service, denotes a subscriber to the data switching services of a Composite Data Service Vendor.

<u>Premises</u> - 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.

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

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Public Service Commission

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Digital Link Services Tariff
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### MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

#### 3.6 CONNECTIONS

### 3.6.1 General

Customer Premises Equipment and Communications Systems provided by the customer may be connected at the customer's premises to MEGALINK II - Premium Digital Service furnished by the Telephone 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 Exchange Tariff.

### 3.6.2 Responsibility of the Customer

A. 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 Telephone Company, cause electrical hazards to Telephone Company personnel, damage to Telephone Company service components, malfunction of Telephone Company billing equipment or degradation of service to persons other than the user of the subject Customer Premises Equipment of Communications System. Upon notice from the Telephone 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.

(AT) (1) Obsolete to existing customers.

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Digital Link Services Tariff
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MEGALINK IISM - PREMIUM DIGITAL SERVICE

3.5 DEFINITIONS-(Continued)

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Service Components - All the plant and equipment of the Telephone Company, including all tangible and intangible real and personal property victoutssion limitation, and any and all means and instrumentalities in any manner owned, operated, leased, licensed, used, controlled, furnished or supplied for, by or in connection with the business of the Telephone Company, including any construction work in progress.

Serving Office - The office from which a customer would normally be served for Local Exchange Telephone Service. The Local Distribution Channel and Interoffice Channel between the customer's premises and/or 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 Telephone Company for billing purposes.

Service Point - Service point denotes a point on a customer's premises or a Digital Hub at which a MEGALINK II - Premium Digital Service channel is terminated.

User - A person, firm or corporation designated by the customer as a user of MEGALINK II - Premium Digital 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.

1.6 CONNECTIONS

**CANCELLED** 

3.6.1 General

Customer Premises Equipment and Communications Systems provided by the customer may be connected at the customer's premises Service Communication Premium Digital Service furnished by the Telephone Computes Old 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 Exchange Tariff.

3.6.2 Responsibility of the Customer

A. 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 Telephone Company, cause electrical hazards to Telephone Company personnel, damage to Telephone Company service components, malfunction of Telephone Company billing equipment or degradation of service to persons other than the user of the subject Customer Premises Equipment of Communications System. Upon notice from the Telephone 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.

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Public Service Commission

MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

3.5 DEFINITIONS-(Continued)

JUL 1 1 1986 Service Components - All the plant and equipment of the Telephone Company, including all tangible and intangible real and personal property without R including all tangible and intengent real controlled furnished or supprised for operated, leased, licensed, used, controlled, furnished or st or in connection with the business of the Telephone Company, including any construction work in progress.

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 Telephone Company for billing purposes.

Service Point - When used in connection with MEGALINK II - Premium Digital Service, service point denotes a point on a customer's premises at which a MEGALINK II - Premium Digital Service channel is terminated.

User - A person, firm or corporation designated by the customer as a user of MEGALINK II - Premium Digital Service furnished to the customer and who may share such service with the customer in accordance with tariff provisidaED A user must be specifically named in the customer's application Gastrice. OCT 1 1989

### 3.6 CONNECTIONS

3.6.1 General

Customer Premises Equipment and Communications Systems provided by the Commission customer may be connected at the customer's premises to MEGANINE TAISBOURI are made in accordance with a service furnished by the Telephone Company where the customer's premise to MEGANINE TAISBOURI Connections of Terminal Equipment and Communications Systems Section of the General Exchange Tariff.

3.6.2 Responsibility of the Customer

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 Telephone Company, cause electrical hazards to Telephone Company personnel, damage to Telephone Company service components, malfunction of Telephone 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 Telephone 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.

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(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

- 3.6 CONNECTIONS-(Continued)
  - 3.6.2 Responsibility of the Customer-(Continued)
  - B. The customer shall be responsible for the payment of a nonrecurring Customer Owned Equipment Trouble Isolation Charge as found in the Restoration of Service Section of the General Exchange Tariff 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.
  - C. The customer shall be responsible for ordering and specifying the type of MEGALINK II Premium Digital Service required for operation with Customer Premises Equipment or Communications Systems provided by the customer.
  - D. Where a customer elects to connect a customer-provided communications system to MEGALINK II Premium Digital Service, the customer shall be responsible for:
    - 1. Compatibility of the connected communications system to MEGALINK II -Premium Digital Service. This includes the replacing of Network Channel Terminating Equipment (NCTE) due to technological changes in the network.
    - 2. Testing, sectionalization and clearance of trouble conditions or service difficulties on any communications system which is connected to MEGALINK II Premium Digital Service.
  - 3.6.3 Responsibility of the Telephone Company
  - A. MEGALINK II Premium Digital 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 MEGALINK II Premium Digital Service, the responsibility of the Telephone Company shall be limited to the furnishing of service components suitable for MEGALINK II Premium Digital Service and to the maintenance and operation of such service components in a manner proper for such digital service. Subject to this responsibility, the Telephone Company shall not be responsible for: (1) the through transmission of signals generated by the Customer Premises Equipment of 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.
- (AT) (1) Obsolete to existing customers.

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri



Effective: September 18, 1999

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1st Revised Sheet 19
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HEGALINK IISM - PREMIUM DIGITAL SERVICE RECEIVED

3.6 CONNECTIONS-(Continued)

JUN 22 1988

- 3.6.2 Responsibility of the Customer-(Continued)
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    B. The customer shall be responsible for the payment of a nonrecurring Customer Owned Equipment Trouble Isolation Charge as found in the Restoration of Service Section of the General Exchange Tariff 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.
  - C. The customer shall be responsible for ordering and specifying the type of MEGALINK II - Premium Digital Service required for operation with Customer Premises Equipment or Communications Systems provided by the customer.
- D. Where a customer elects to connect a customer-provided communications system to MEGALINK II Premium Digital Service, the customer shall be responsible for:
- 1. Compatibility of the connected communications system to MEGALINK II (CT) Premium Digital Service. This includes the replacing of Network
  Channel Terminating Equipment (NCTE) due to technological changes in
  the network.
  - 2. Testing, sectionalization and clearance of trouble conditions or service difficulties on any communications system which is connected to MEGALINK II Premium Digital Service.
  - 3.6.3 Responsibility of the Telephone Company
  - A. MEGALINK II Premium Digital 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 MEGALINK II Premium Digital Service, the responsibility of the Telephone Company shall be limited to the furnishing of service components suitable for MEGALINK II Premium Digital Service and to the maintenance and operation of such service components in a manner proper for such digital service. Subject to this responsibility, the Telephone Company shall not be responsible for: (1) the through transmission of signals generated by the Customer Premises Equipment of 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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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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Public Service Commission

MEGALINK IISM - PREMIUM DIGITAL SERVICE

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

3.6 CONNECTIONS-(Continued)

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<u>Original Sheet 19</u>

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3.6.2 Responsibility of the Customer-(Continued)

- B. The customer shall be responsible for the payment of a public Service Commission Customer Owned Equipment Trouble Isolation Charge as found in the "Restoration of Service" Section of the General Exchange Tariff 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.
- C. The customer shall be responsible for ordering and specifying the type of MEGALINK II - Premium Digital Service required for operation with Customer Premises Equipment or Communications Systems provided by the customer.
- D. Where a customer elects to connect a customer-provided communications system to MEGALINK II - Premium Digital Service, the customer shall be responsible for:
  - Compatibility of the connected communications system to MEGALINK II - Premium Digital Service. This includes the replacing of Channel Service Units due to technological changes in the network.
  - Testing and sectionalization and clearance of trouble conditions or service difficulties on any communications system which ELED connected to MEGALINK II - Premium Digital Service. CANCELLED

3.6.3 Responsibility of the Telephone Company

A. MEGALINK II - Premium Digital Service is not represented adapted transsion the use of the Customer Premises Equipment or Communications Systems. Where such Customer Premises Equipment or Communications MEGALINK II - Premium Digital Service, the responsibility of the Telephone Company shall be limited to the furnishing of service components suitable for MEGALINK II - Premium Digital Service and to the maintenance and operation of such service components in a manner proper for such digital service. Subject to this responsibility, the Telephone 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 defects in, such transmission, or (2) the reception of signals by Cush tomer Premises Equipment or Communications Systems, &r (3) damage to Customer Premises Equipment or Communications Systems due to Vestingas

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff Section 3 3rd Revised Sheet 20 Replacing 2nd Revised Sheet 20

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

- 3.6 CONNECTIONS-(Continued)
  - 3.6.3 Responsibility of the Telephone Company-(Continued)
  - B. The Telephone 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 MEGALINK II Premium Digital Service.
  - C. The Telephone 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 Telephone Company used in providing MEGALINK II - Premium Digital Service.
  - 3.6.4 Violation of Regulations

When any Customer Premises Equipment or Communications System is used with MEGALINK II - Premium Digital Service in violation of any of the provisions in this Section, the Telephone Company will take such immediate action as necessary for the protection of the telecommunications network and Telephone 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 Telephone 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.

- 3.6.5 Connections of Customer Premises Equipment and Communications Systems
- A. The customer shall be responsible for providing any required Digital Network Channel Terminating Equipment (NCTE). The undertaking of the Telephone Company is to furnish MEGALINK II Premium Digital Service as ordered and specified by the customer up to the Demarcation Point.

(AT) (1) Obsolete to existing customers.

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Digital Link Services Tariff Section 3

2nd Revised Sheet 20

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3.6 CONNECTIONS-(Continued)

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- 3.6.3 Responsibility of the Telephone Company-(Continued)Public Service Commission
- B. The Telephone 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 MEGALINK II Premium Digital Service.
- C. The Telephone 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 Telephone Company used in providing MEGALINK II - Premium Digital Service.
- 3.6.4 Violation of Regulations

When any Customer Premises Equipment or Communications System is used with MEGALINK II — Premium Digital Service in violation of any of the provisions in this Section, the Telephone Company will take such immediate action as necessary for the protection of the telecommunications network and Telephone 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 Telephone 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.

3.6.5 Connections of Customer Premises Equipment and Communications Systems

(AT) A. The customer shall be responsible for providing any required Digital Network Channel Terminating Equipment (NCTE). The undertaking of the Telephone Company is to furnish MEGALINK II - Premium Digital Service as ordered and specified by the customer up to the Demarcation Point.

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Digital Link Services Tariff
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3.6 CONNECTIONS-(Continued)

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- 3.6.3 Responsibility of the Telephone Company-(Continued) MISSOURI
  - B. The Telephone 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 MEGALINK II Premium Digital Service.
- C. The Telephone 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 Telephone Company used in providing MEGALINK II - Premium Digital Service.
- 3.6.4 Violation of Regulations

When any Customer Premises Equipment or Communications System is used with MEGALINK II - Premium Digital Service in violation of any of the provisions in this Section, the Telephone Company will take such immediate action as necessary for the protection of the telecommunications network and Telephone 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 Telephone 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.

(CP) 3.6.5 Connections of Customer Premises Equipment and Communications Systems

The customer shall be responsible for providing any required Digital Network Channel Terminating Equipment (NCTE). The undertaking of the Telephone Company is to furnish MEGALINK II - Premium Digital Service as ordered and specified by the customer up to the network interface.

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

3.6 CONNECTIONS-(Continued)

3.6.3 Responsibility of the Telephone Company-(Continued)

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- B. The Telephone 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 MEGALINK II Premium Digital Service.
- C. The Telephone 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 Telephone Company used in providing MEGALINK II Premium Digital Service.

### 3.6.4 Violation of Regulations

When any Customer Premises Equipment or Communications System is used with MEGALINK II - Premium Digital Service in violation of any of the provisions in this Section, the Telephone Company will take such immediate action as necessary for the protection of the telecommunications network and Telephone 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 Telephone 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.

3.6.5 Connections of Customer Premises Equipment and Communications Systems

The customer shall be responsible for ordering and specifying the type of Data Service Unit and Channel Service Unit (when provided by the Telephone Company as described in Paragraph 3.7.4, A. and B., following). The undertaking of the Telephone Company is to furnish MEGALINK II - Premium Digital Service as described and specified by the customer.

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Issued: JUL 15 1986

Effective: \_\_\_\_

CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 3 1st Revised Sheet 20.01 Replacing Original Sheet 20.01

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

- 3.6 CONNECTIONS-(Continued)
  - 3.6.5 Connections of Customer Premises Equipment and Communications Systems-(Continued)
  - B. Unless a specific waiver has been granted by the Federal Communications Commission, or except as otherwise provided in C., following, all connections of registered equipment to services furnished by the Telephone Company will be made through a point of demarcation. In most cases, this will be through a Telephone Company-provided standard jack. For simple wiring where there is no Telephone Company provided standard jack at the Demarcation Point, customers may make connections by direct attachment to Company-installed wiring at points on the customer's side up to and including at the Demarcation Point. In the case of registered communications systems utilizing complex wiring, a method of connection, jacks, terminal strips, etc., will be provided by the Telephone Company.
  - C. The requirement for the use of standard jacks as described in B., preceding, is waived for registered equipment which is located in hazardous or inaccessible locations.

(AT) (1) Obsolete to existing customers.

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3.6 CONNECTIONS-(Continued)

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- 3.6.5 Connections of Customer Premises Equipment and Communications Systems mmission (Continued)
- B. Unless a specific waiver has been granted by the Federal Communications Commission, or except as otherwise provided in C., following, all connections of registered equipment to services furnished by the Telephone Company will be made through a point of demarcation. In most cases, this will be through a Telephone Company-provided standard jack. For simple wiring where there is no Telephone Company provided standard jack at the Demarcation Point, customers may make connections by direct attachment to Company-installed wiring at points on the customer's side up to and including at the Demarcation Point. In the case of registered communications systems utilizing complex wiring, a method of connection, jacks, terminal strips, etc., will be provided by the Telephone Company.
- C. The requirement for the use of standard jacks as described in B., preceding, is waived for registered equipment which is located in hazardous or inaccessible locations.

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(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

### 3.6 CONNECTIONS-(Continued)

#### 3.6.6 Accessories

Accessories provided by customers may be used with MEGALINK II - Premium Digital Service provided that such accessories comply with the provisions of Paragraph 3.6.2., preceding.

### 3.6.7 Channel Derivation Devices

- A. Customer-provided channel derivation devices that are used to create additional channels in accordance with Paragraphs 3.6.7, B. and C., following, may be connected to MEGALINK II Premium Digital Service subject to Paragraph 3.6.2., preceding.
- B. Subject to the normal transmission characteristics of the MEGALINK II Premium Digital 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.
- C. The Telephone 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.
- D. 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 Telephone Company tariffs for these other services.
- 3.6.8 Connection to Other Services Furnished by the Telephone Company to the Same Customer or Different Customers

MEGALINK II - Premium Digital Service provided by the Telephone Company may be connected to another MEGALINK II - Premium Digital Service or the following other services provided by the Telephone Company at the Customer's premises:

- Local Exchange Telephone Service
- Private Line Service
- Long Distance Message Telecommunications Service
- Wide Area Telecommunications Service

(AT) (1) Obsolete to existing customers.

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Issued: August 19, 1999 Effective: September 18, 1999



MEGALINK IISM - PREMIUM DIGITAL SERVICE

3.6 CONNECTIONS-(Continued)

3.6.6 Accessories

Accessories provided by customers may be used with RECALLING TYPE Commission mium Digital Service provided that such accessories comply with the provisions of Paragraph 3.6.2., preceding.

3.6.7 Channel Derivation Devices

- A. Customer-provided channel derivation devices that are used to create additional channels in accordance with Paragraphs 3.6.7, B. and C., following, may be connected to MEGALINK II Premium Digital Service subject to Paragraph 3.6.2., preceding.
- B. Subject to the normal transmission characteristics of the MEGALINK II Premium Digital 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.
- C. The Telephone 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.
- D. 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 Telephone Company tariffs for these other services.
- 3.6.8 Connection to Other Services Furnished by the Telephone Company to the Same Customer or Different Customers

MEGALINK II - Premium Digital Service provided by the Telephone Company may be connected to another MEGALINK II - Premium Digital Service or the following other services provided by the Telephone Company at the customer's premises:

- Local Exchange Telephone Service

- Private Line Service

- Long Distance Message Telecommunications Service

- Wide Area Telecommunications Service

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

- 3.6 CONNECTIONS-(Continued)
  - 3.6.8 Connection to Other Services Furnished by the Telephone Company to the Same Customer or Different customers-(Continued)

MEGALINK II - Premium Digital Service may be connected to a MEGALINK III - Wideband Digital Service/1.544 Mbps provided by the Telephone Company at a designated Digital Hub location through the use of certain Additional Service Features available in MEGALINK III, Section 4, of Tariff.

- 3.6.9 Connection to Interexchange Customer-Provided Communications Systems
- A. Connections of MEGALINK II Premium Digital Service to Interexchange Customer-Provided Communications Systems can be made at the premises of the customer in accordance with the preceding regulations in this Tariff. All arrangements concerning the connection to an Interexchange Customer-Provided Communications System to MEGALINK II Premium Digital Service shall be made by the customer with the Interexchange Customer. The furnishing of MEGALINK II Premium Digital Service by the Telephone Company is not a joint undertaking with the Interexchange Customer.
- B. The Interexchange Customer referenced in this Section are as follows:

### Interexchange Customer

None

3.6.10 Connection of Network Channel Terminating Equipment

Effective January 2, 1986, in accordance with the Federal Communication Commission's Memorandum Opinion and Order in CC Docket 81-216, (FCC 85-564), Part 68 of the Federal Communications Commission's Rules and Regulations (Registration Program), was amended to provide for inclusion of Network Channel Terminating Equipment (NCTE) for direct connection to subrate and high capacity digital services. The following dates and regulations were established.

- A. Grandfathered Equipment Terminal equipment, including its premises wiring and protective apparatus (if any) and multiline terminating systems that were directly connected to subrate digital services on January 2, 1986, may remain connected and be reconnected to such digital services for life without registration, unless subsequently modified.
- (AT) (1) Obsolete to existing customers.

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MEGALINK IISM - PREMIUM DIGITAL SERVICE SEP 25 1989

3.6 CONNECTIONS-(Continued)

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3.6.8 Connection to Other Services Furnished by the Telephone Company to the Same Customer or Different Customers-(Continued)

(AT)

MEGALINK II - Premium Digital Service may be connected to a MEGALINK III - Wideband Digital Service/1.544 Mbps provided by the Telephone Company at a designated Digital Hub location through the use of certain Additional Service Features available in MEGALINK III, Section 4, of this Tariff.

- 3.6.9 Connection to Interexchange Customer-Provided Communications Systems
- A. Connections of MEGALINK II Premium Digital Service to Interexchange Customer-Provided Communications Systems can be made at the premises of the customer in accordance with the preceding regulations in this Tariff. All arrangements concerning the connection to an Interexchange Customer-Provided Communications System to MEGALINK II Premium Digital Service shall be made by the customer with the Interexchange Customer. The furnishing of MEGALINK II Premium Digital Service by the Telephone Company is not a joint undertaking with the Interexchange Customer.
- B. The Interexchange Customer referenced in this Section are as follows:

### Interexchange Customer

None

3.6.10 Connection of Network Channel Terminating Equipment

Effective January 2, 1986, in accordance with the Federal Communication Commission's Memorandum Opinion and Order in CC Docket 81-216, (FCC 85-564), Part 68 of the Federal Communications Commission's Rules and Regulations (Registration Program), was amended to provide for inclusion of Network Channel Terminating Equipment (NCTE) for direct connection to subrate and high capacity digital services. The following dates and regulations were established.

A. Grandfathered Equipment - Terminal equipment, including its premises wiring and protective apparatus (if any) and multiline terminating systems that were directly connected to subrate digital services on January 2, 1986, may remain connected and be reconnected to such digital services for life without registration, unless subsequently modified.

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Public Service Commission

Issued: SEP 2 5 1989 by 300 RS 2 Effective: OCT 1 1989

By R. D. BARROW President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff Section 3 1st Revised Sheet 22 Replacing Original Sheet 22

MEGALINK II SM - PREMIUM DIGITAL SERVICE

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3.6 CONNECTIONS-(Continued)

JUN 22 1988

- 3.6.9 Connection to Interexchange Customer-Provided Communications Gympems
  - A. Connections of MEGALINK II Premium Digital Service to Interexchange Customer-Provided Communications Systems can be made at the premises of the customer in accordance with the preceding regulations in this Tariff. All arrangements concerning the connection to an Interexchange Customer-Provided Communications System to MEGALINK II - Premium Digital Service shall be made by the customer with the Interexchange Customer. The furnishing of MEGALINK II - Premium Digital Service by the Telephone Company is not a joint undertaking with the Interexchange Customer.
  - B. The Interexchange Customer referenced in this Section are as follows:

### Interexchange Customer

None

(CP) 3.6.10 Connection of Network Channel Terminating Equipment

Effective January 2, 1986, in accordance with the Federal Communication Commission's Memorandum Opinion and Order in CC Docket 81-216, (FCC 85-564), Part 68 of the Federal Communications Commission's Rules and Regulations (Registration Program), was amended to provide for inclusion of Network Channel Terminating Equipment (NCTE) for direct connection to subrate and high capacity digital services. The following dates and regulations were established.

Grandfathered Equipment - Terminal equipment, including its premises wiring and protective apparatus (if any) and multiline terminating systems that were directly connected to subrate digital services on January 2, 1986, may remain connected and be reconnected to such digital services for life without registration, unless subsequently modified CANCELLED

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Public Service Commission

Digital Link Services Tariff Section 3

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

3.6 CONNECTIONS-(Continued)

3.6.9 Connection to Interexchange Customer-Provided Communications Systems"

I Public Service Commission

- A. Connections of MEGALINK II Premium Digital Service to Interexchange Customer-Provided Communications Systems can be made at the premises of the customer in accordance with the preceding regulations in this Tariff. All arrangements concerning the connection to an Interexchange Customer-Provided Communications System to MEGALINK II - Premium Digital Service shall be made by the customer with the Interexchange Customer. The furnishing of MEGALINK II - Premium Digital Service by the Telephone Company is not a joint undertaking with the Interexchange Customer.
- B. The Interexchange Customers referenced in this Section are as follows:

### Interexchange Customer

None

3.6.10 Connection of Channel Service Units

The following Program is established to accommodate the connection of Channel Service Units (CSU's) to MEGALINK II - Premium Digital Service during the pendency of proposed Rulemaking to modify the Federal Communications Commission's Rules and Regulations (Registration Program) to include such equipment. The Program is established in accordance with the Federal Communications Commission's Third Notice of Proposed Rulemaking.

A. CSU's of a type listed on the Program Summary may be connected at the customer's or interexchange customer's premises to a MEGALINK II - Premium Digital Service. (A copy of the Program Summary is available from the Federal Communications Commission, Room BB300, Washington, D.C. 20554.) Additional types of equipment may be added to the Program Summary in one of the following ways:

By being directly connected to any Telephone Company-provided MEGALINK II - Premium Digital Service or digital service component as of November 18, 1983.

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BY LAT A S. # 22 Public Service Commission

Public Service Commission

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Issued: JUL 15 1986

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CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 3
2nd Revised Sheet 23
Replacing 1st Revised Sheet 23

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

- 3.6 CONNECTIONS-(Continued)
  - 3.6.10 Connection of Network Channel Terminating Equipment-(Continued)
  - B. Interim Installations An interim program established by the Federal Communications Commission and the Telephone Company allowed for connection of terminal equipment, including premises wiring and protective apparatus (if any) to be installed (including additions to existing systems) up to June 30, 1987, without registration of any terminal equipment involved, provided that these terminal equipments were of a type directly connected to subrate or 1.544 Mbps digital services as of January 2, 1986, or they appeared on the interim program summary for approved equipment. Any equipment connected pursuant to this interim program may require modification at the owners expense in response to Part 68 of the Rules as adopted by the Federal Communications Commission.
  - C. Registered Only Equipment Any terminal equipment connected to subrate or 1.544 Mbps digital services after June 30, 1987 must comply with Part 68 of the Federal Communications Commission's Rules and Regulations (Registration Program). The equipment must also comply with the requirements of Technical Reference Publications 62411 and/or 62310.

(1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999

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Digital Link Services Tariff
Section 3
1st Revised Sheet 23
Replacing Original Sheet 23

MEGALINK IISM - PREMIUM DIGITAL SERVICE RECEIVED

3.6 CONNECTIONS-(Continued)

JUN 22 1988

- (CP) 3.6.10 Connection of Network Channel Terminating Equipment-(Continged) [2]
  - B. Interim Installations An interim program established by the Federal Communications Commission and the Telephone Company allowed for connection of terminal equipment, including premises wiring and protective apparatus (if any) to be installed (including additions to existing systems) up to June 30, 1987, without registration of any terminal equipment involved, provided that these terminal equipments were of a type directly connected to subrate or 1.544 Mbps digital services as of January 2, 1986, or they appeared on the interim program summary for approved equipment. Any equipment connected pursuant to this interim program may require modification at the owners expense in response to Part 68 of the Rules as adopted by the Federal Communications Commission.
  - C. Registered Only Equipment Any terminal equipment connected to subrate or 1.544 Mbps digital services after June 30, 1987 must comply with Part 68 of the Federal Communications Commission's Rules and Regulations (Registration Program). The equipment must also comply with the requirements of Technical Reference Publications 62411 and/or 62310.

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Digital Link Services Tariff Section 3 Original Sheet 23

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MISSUURI Public Service Commission

## MEGALINK IISM - PREMIUM DIGITAL SERVICE

- 3.6 CONNECTIONS-(Continued)
  - 3.6.10 Connection of Channel Service Units-(Continued)
  - A. (Continued)
    - 2. When the manufacturer of the CSU submits a notarized affidavit to the Federal Communications Commission, Chief, Domestic Services Branch, Room BB300, Washington, D.C. 20554, attesting the following:
      - The equipment meets the proposed technical requirements for connections to a Telephone Company-provided MEGALINK II -Premium Digital Service or digital service component. The technical requirements are those that have been proposed by the Telephone Company to the Federal Communications Commission for inclusion in its Rules. (Copy available from the Federal Communications Commission, Room BB300, Washington, D.CANCELLED
      - The equipment complies with the requirements of the Bell JUL 8 1988 System Technical Reference Publication 62310. This Center, Inc., P.O. Box C738, Pratt Street Station, BY PARS#23
        Brooklyn New York 11205 publication will be available from Publishers' Data Public Service Commission Brooklyn, New York 11205.
  - Until expiration of the Program, CSU's that are listed on the Program Summary may be connected to a MEGALINK II - Premium Digital Service.
  - Any CSU connected pursuant to this Program may require modification in response to the Rules adopted by the Federal Communications Commission.
  - D. CSU's that are connected under the Program may remain connected and be moved and reconnected for the life of the equipment, except as may be required in response to the Rules adopted by the Federal Communications Commission.
  - The Telephone Company may invoke extraordinary procedures to protect a MEGALINK II - Premium Digital Service. Extraordinary procedures may be applied when one or more of the following conditions are present:
    - Information provided in the affidavit gives reason to believe that a violation of the Program is likely.
    - Harm has occurred, and there is reason to believe this harm was caused by the CSU.

**Public Service Commission** 

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Digital Link Services Tariff
Section 3
4th Revised Sheet 24
Replacing 3rd Revised Sheet 24

MEGALINK II<sup>®</sup> - PREMIUM DIGITAL SERVICE(1)

#### 3.7 METHOD OF APPLYING RATES

#### 3.7.1 General

(AT)

The method of applying rates for MEGALINK II - Premium Digital Service channels and Additional Service Features is provided in Paragraphs 3.7.2 and 3.7.3, following.

### 3.7.2 Channels

### A. Local Distribution Channel

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

#### B. Interoffice Channel

Interoffice Channel mileage charges for the requested transmission speed shall apply for each interoffice channel required to connect Local Distribution Channels served from different Serving Offices or to connect a Serving Office to a Digital or NRS Hub.

Interoffice Channel mileage charges will also apply for each channel used to connect two Digital Hub locations or to connect a Digital Hub to an NRS Hub location.

Charges are based on the Vertical and Horizontal (V-H) distance between Serving Offices, the Serving Office and the Digital or NRS Hub, Digital and NRS Hubs, or Digital Hubs within the same LATA for the customer. The appropriate rate schedule for the mileage band corresponding to the V-H distance should be used. Charges will consist of a fixed charge and a per mile charge for each Interoffice Channel. Refer to the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff for the V-H coordinates of the Serving Office and the Digital or NRS Hubs.

### C. Service Charges

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

### D. Exceptions

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

(AT) (1) Obsolete to existing customers.

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P.S.C. Mo.-No. 38

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Services Tariff Section 3 3rd Revised Sheet 24 Replacing 2nd Revised Sheet 24

(CT) MEGALINK IIR - PREMIUM DIGITAL SERVICE

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3.7 METHOD OF APPLYING RATES

JUN 30 1992

3.7.1 General

The method of applying rates for MEGALINK II - Premium Digital Service channels and Additional Service Research channels and Additional Service Features is provided in Faragraphs 3.7.2 and 3.7.3, following. CANCELLED

3.7.2 Channels

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A. Local Distribution Channel

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

B. Interoffice Channel (FC)

> Interoffice Channel mileage charges for the requested transmission speed shall apply for each interoffice channel required to connect Local Distribution Channels served from different Serving Offices or to connect a Serving Office to a Digital or NRS Hub.

Interoffice Channel mileage charges will also apply for each channel used to (AT) connect two Digital Hub locations or to connect a Digital Hub to an NRS Hub (TA) location.

Charges are based on the Vertical and Horizontal (V-H) distance between Serving Offices, the Serving Office and the Digital or NRS Hub, Digital and NRS Hubs, (AT) or Digital Hubs within the same LATA for the customer. The appropriate rate (AT) schedule for the mileage band corresponding to the V-H distance should be used. Charges will consist of a fixed charge and a per mile charge for each

> Interoffice Channel. Refer to the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff for the V-H coordinates of the Serving Office and the Digital or NRS Hubs.

(FC) C. Service Charges

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

(FC) D. Exceptions

> In those cases where one customer premises involved in an intraLATA interexchange MEGALINK II - Premium Digital Service is located in a different Local Exchange Telephone Company's operating territory than the other premises location(s) associated with the service, the method of 0 1992 applying rates will be as follows:

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Digital Link Services Tariff
Section 3

2nd Revised Sheet 24

riff. Replacing 1st Revised Sheet 24 MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

(CP) 3.7 METHOD OF APPLYING RATES

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3.7.1 General

SEP 25 1989

The method of applying rates for MEGALINK II - Premium Digital Service channels and Additional Service Features is provided in Paragraphs 3.7.2 and 3.7.3, following.

Public Service Commission

3.7.2 Channels

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A. Local Distribution Channel

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1. Local Distribution Channel

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A Local Distribution Channel charge for the requested transmission speed shall apply for each termination on the premises SEGUES tomer.

2. Interoffice Channel

Interoffice Channel mileage charges for the requested transmission speed shall apply for each interoffice channel required to connect Local Distribution Channels served from different Serving Offices, a Serving Office to a Digital Hub, or to connect two Digital Hubs.

Charges are based on the Vertical and Horizontal (V-H) distance between Serving Offices, the Serving Office and the Digital Hub, or Digital Hubs within the same LATA for the customer. The appropriate rate schedule for the mileage band corresponding to the V-H distance should be used. Charges will consist of a fixed charge and a per mile charge for each Interoffice Channel. Refer to the National Exchange Carrier Association, Inc., Wire Center Information Tariff for the V-H coordinates of the Serving Offices and the Digital Hubs.

B. Service Charges

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

C. Exceptions

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

1. The service components for that portion of the intraLATA interexchange MEGALINK II - Premium Digital Service located wholly within each exchange will be rated pursuant to that Local Exchange Telephone Company's Tariff.

Issued: SEP 2 5 1989 R. D. BARRON, President-Missouri DfwightenService Commission.

Southwestern Bell Telephone Company

St. Louis, Missouri

Digital Link Services Tariff
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# MEGALINK IISM - PREMIUM DIGITAL SERVICE CEIVED

3.6 CONNECTIONS-(Continued)

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### 3.7 METHOD OF APPLYING RATES

3.7.1 General

The method of applying rates for MEGALINK II - Premium Digital Service channels and Additional Service Features is provided in Paragraphs 3.7.2 and 3.7.3, following.

### 3.7.2 Channels

- A. Access Channels to a Digital Hub
  - 1. Local Distribution Section

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

2. 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.

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JUL 8 1988 FILED

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company JUL 8 1988
St. Louis, Missouri

3.6 CONNECTIONS-(Continued)

MEGALINK IISM - PREMIUM DIGITAL SERVICE

# Section 3

Digital Link Services Tariff

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### 3.6.10 Connection of Channel Service Units-(Continued)

F. In such cases, the extraordinary procedures which can be public Service Commission Telephone Company include requiring the customer to provide protective apparatus or disconnecting service.

- G. A charge equal to the Customer Owned Equipment Trouble Isolation Charge will apply when it is necessary to send a repair person to the premises where the connection is made because of a harm or suspected violation and failure to comply with the Program is disclosed. The Customer Owned Equipment Trouble Isolation Charge is provided in the Restoration of Service Section of the General Exchange Tariff.
- The Program will expire on adoption of final Federal Communications Commission's Rules, unless sooner canceled, changed or extended.
- I. Effective November 18, 1983, in accordance with the Federal Communication Commission's decision, Customer Premises Equipment (CPE) will be provided by the Telephone Company for use with new or existing service only so long as such CPE is available from Telephone Company inventory acquired prior to November 18, 1983, except as otherwise permitted by the Federal Communications Commission.
- CSU's may be provided by the Telephone Company or its functional equivalent may be provided by the customer. CSU's provided by the customer are also subject to the regulations set forth in Paragraph 3.6.2, preceding.

### 3.7 METHOD OF APPLYING RATES

### 3.7.1 General

The method of applying rates for MEGALINK II Pemium Digital Service channels and Additional Service Features is provided in Paragraphs 3.7.2 and 3.7.3, following

### 3.7.2 Channels

A. Access Channels to a Digital Hub

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

2. 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.

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Digital Link Services Tariff Section 3 3rd Revised Sheet 25 Replacing 2nd Revised Sheet 25

MEGALINK II® - PREMIUM DIGITAL SERVICE(1) (AT)

### 3.7 METHOD OF APPLYING RATES

- 3.7.2 Channels-(Continued)
- D. Exceptions-(Continued)
  - 1. The service components for that portion of the intraLATA interexchange MEGALINK II -Premium Digital Service located wholly within each exchange will be rated pursuant to that Local Exchange Telephone Company's Tariff.
  - 2. The rate for the applicable intraLATA interoffice per mile mileage will be the rate in each Local Exchange Telephone Company's tariff. Each Local Exchange Telephone Company's charge for the per mile mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Telephone Company's rate for the airline (V-H) mileage between the customer's Serving Offices, the Serving Office and a Digital Hub or between Digital Hubs.
  - 3. The rate for the applicable intraLATA interoffice fixed mileage will be one-half (50 percent) of the rate in each Local Exchange Telephone Company's tariff.

### 3.7.3 Additional Service Features

Rate elements for Additional Service Features should be applied when these features are used in conjunction with MEGALINK II channels. See 3.10.2 following for the description and application of these Additional Service Features.

Multistation Arrangement

A multistation arrangement charge applies when three or more channels are interconnected at a Digital Hub on the same service. A charge applies for each Local Distribution channel or Interoffice Channel terminating at the Digital Hub.

Secondary Channel Capability

A charge applies for each Local Distribution Channel connected on the service.

Transfer Arrangement

A charge applies for each arrangement installed.

(AT) (1) Obsolete to existing customers.

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Digital Link Services Tariff Section 3 2nd Revised Sheet 25 Replacing 1st Revised Sheet 25

(CT) MEGALINK IIR - PREMIUM DIGITAL SERVICE

3.7 METHOD OF APPLYING RATES

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3.7.2 Channels-(Continued)

D. Exceptions-(Continued) (FC)

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- The service components for that uplic Service Commission interexchange MEGALINK II Premium Digital Service Total Wholly within each exchange will be rated pursuant to that local Exchange Company's Tariff.
- 2. The rate for the applicable intraLATA interoffice per mile mileage will be the rate in each Local Exchange Telephone Company's tariff. Each Local Exchange Telephone Company's charge for the per mile mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Telephone Company's rate for the airline (V-H) mileage between the customer's Serving Offices, the Serving Office and a Digital Hub or between Digital Hubs.
- 3. The rate for the applicable intraLATA interoffice fixed mileage will be one-half (50 percent) of the rate in each Local Exchange Telephone Company's tariff.
- 3.7.3 Additional Service Features

Rate elements for Additional Service Features should be applied when these features are used in conjunction with MEGALINK II channels. See 3.10.2 following for the description and application of these Additional Service Features.

- Multistation Arrangement

A multistation arrangement charge applies when three or more channels are interconnected at a Digital Hub on the same service. A charge applies for each Local Distribution channel or Interoffice Channel terminating at the Digital Hub.

Secondary Channel Capability

A charge applies for each Local Distribution Channel connected on the service.

- Transfer Arrangement

A charge applies for each arrangement installed.

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Issued: JUN 3 0 1992

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Replacing Original Sheet 25
Original Sheet 25.01
1st Revised Sheet 26

MEGALINK II SM - PREMIUM DIGITAL SERVICE

SEP 25 1989

### (CP) 3.7 METHOD OF APPLYING RATES

3.7.2 Channels-(Continued)

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- C. Exceptions-(Continued)
  - 2. The rate for the applicable intraLATA interoffice per mile mileage will be the rate in each Local Exchange Telephone Company's tariff. Each Local Exchange Telephone Company's charge for the per mile mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Telephone Company's rate for the airline (V-H) mileage between the customer's Serving Offices, the Serving Office and a Digital Hub or between Digital Hubs.
  - The rate for the applicable intraLATA interoffice fixed mileage will be one-half (50 percent) of the rate in each Local Exchange Telephone Company's tariff.
- 3.7.3 Additional Service Features

Rate elements for Additional Service Features should be applied when these features are used in conjunction with MEGALINK II channels. See 3.10.2 following for the description and application of these Additional Service Features.

Multistation Arrangement

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A multistation arrangement charge applies when the same services of imore channels are interconnected at a Digital Hub on the same services when the same applies for each Local Distribution channel or Interoffice Channel terminating at the Digital Hub.

- Secondary Channel Capability

A charge applies for each Local Distribution Channel connected on the service.

- Transfer Arrangement

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A charge applies for each arrangement installed.

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Digital Link Services Tariff Section 3 Original Sheet 25

MEGALINK IISM - PREMIUM DIGITAL SERVICE

- 3.7 METHOD OF APPLYING RATES-(Continued)
- 3.7.2 Channels-(Continued)
- A. Access Channels to a Digital Hub-(Continued)
  - Interoffice Section-(Continued)

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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.

B. 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.

C. Service Charges

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

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3.7 METHOD OF APPLYING RATES-(Continued)

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3.7.2 Channels-(Continued)

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(AT) D. Exceptions

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

- The service components for that portion of the intraLATA interexchange MEGALINK II - Premium Digital Service located wholly within each exchange will be rated pursuant to that Local Exchange Telephone Company's tariff.
- 2. The rate for the applicable intraLATA interoffice per mile mileage will be the rate in each Local Exchange Telephone Company's tariff. Each Local Exchange Telephone Company's charge for the per mile mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Telephone Company's rate for the airline (V-H) mileage between the Digital Hub and its serving office.
- 3. The rate for the applicable intraLATA interoffice fixed mileage will be one-half (50 percent) of the rate in each Local Exchange Telephone Company's tariff.

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MEGALINK II SM - PREMIUM DIGITAL SERVICE

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METHOD OF APPLYING RATES-(CONTINUED)

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3.7.3 Additional Service Features

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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 interconnect three or more access channels to a Digital Hub and/or channels between Digital Hubs.

3.7.4 Additional Service Components

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Effective: Je

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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Public Service Commission

Digital Link Services Tariff Section 3 Original Sheet 26

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

3.7 METHOD OF APPLYING RATES-(Continued)

3.7.3 Additional Service Features

Multistation Arrangement

Public Service Commission 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 interconnect three or more access channels to a Digital Hub and/or channels between Digital Hubs.

# 3.7.4 Additional Service Components

A. Channel Service Unit

A Channel Service Unit (CSU) provided by the customer or the Telephone Company, at the customer's option, is required CAN use omer's premises to perform such functions as:

-Proper termination of the service.

-Amplification.

-Signal shaping.

-Remote loop-back.

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CSU's must be connected in accordance with regulations set forth in Paragraph 3.6.10, preceding.

#### Data Service Unit

- 1. A Data Service Unit furnished by the Telephone Company, except as specified in Paragraph 2., following, is required for each station at a customer's or user's premises to perform such functions as:
  - -Proper coding and decoding of signals.

-Timing recovery.

-Synchronous sampling.

-Formatting.

-Generation and recognition of control signals

2. When customer-provided terminal equipment, customer-provided derivation equipment, customer-provided communications systems of Other Participating Carrier-provided communications systems are connected with MEGADINK II -Premium Digital Service the Data Service Unit may, at the option of the customer or user, be furnished by the Telephone Company or in lieu thereof, the customer or user may provide his own equipment to perform the function of the Data Service Unit.

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Section 3
3rd Revised Sheet 27
Replacing 2nd Revised Sheet 27

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

# 3.7 METHOD OF APPLYING RATES-(CONTINUED)

# 3.7.4 Determination of V-H Mileages

The rate distances for MEGALINK II - Premium Digital Service channels should be determined as follows:

# A. Determination of V-H Coordinates

- Interoffice Channels

The rate distance is measured between Serving Offices or the Serving Office and a Digital or NRS Hub or between Digital or NRS Hubs, within the same LATA for the Interoffice Channel. The V-H coordinates for the Serving Offices, Digital Hubs and NRS Hubs are listed in the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff.

# B. Calculation of V-H Mileage

- 1. Determine the difference between the "V" coordinates for the Serving Offices, or the Digital or NRS 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.
- 2. Square each difference obtained in Paragraph 1., above.
- 3. Add the squares of the "V" difference and the "H" difference obtained in Paragraph 2., above.
- 4. Divide the sum of the squares obtained in Paragraph 3., above, by ten.
- 5. Obtain the square root of the result obtained in Paragraph 4., above. This distance is the rate distance in V-H miles. Fractional mileage distances should be rounded to the next higher full mile.

(AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999

Southwestern Bell Telephone Company St. Louis, Missouri

By JAN NEWTON, President-Missouri



Digital Link Services Tariff Section 3 2nd Revised Sheet 27 Replacing 1st Revised Sheet 27

(CT) MEGALINK IIR - PREMIUM DIGITAL SERVICE

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3.7 METHOD OF APPLYING RATES-(CONTINUED)

JUN 30 1992

3.7.4 Determination of V-H Mileages

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The rate distances for MEGALINK II - Premium Digital Service Channels Should be determined as fall and the determined and the determined as fall and the determined and t should be determined as follows:

- Determination of V-H Coordinates
  - Interoffice Channels

The rate distance is measured between Serving Offices or the Serving (AT) Office and a Digital or NRS Hub or between Digital or NRS Hubs, within the same LATA for the Interoffice Channel. The V-H coordinates for the (AT) Serving Offices, Digital Hubs and NRS Hubs are listed in the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff.

B. Calculation of V-H Mileage

(TA)

- Determine the difference between the "V" coordinates for the Serving Offices, or the Digital or NRS 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.
- 2. Square each difference obtained in Paragraph 1., above.
- Add the squares of the "V" difference and the "H" difference obtained in Paragraph 2., above.
- Divide the sum of the squares obtained in Paragraph 3., above, by ten.
- Obtain the square root of the result obtained in Paragraph 4., above. This distance is the rate distance in V-H miles. Fractional mileage distances should be rounded to the next higher full mile.

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Digital Link Services Tariff Section 3 1st Revised Sheet 27 Replacing Original Sheet 27

# MEGALINK IISM - PREMIUM DIGITAL SERVICETOETVED

(CP) 3.7 METHOD OF APPLYING RATES-(CONTINUED)

SEP 2.5 1989

3.7.4 Determination of V-H Mileages

MISSOURI

The rate distances for MEGALINK II - Premium Dbgittalerservice channels should be determined as follows:

- A. Determination of V-H Coordinates
  - Interoffice Channels

The rate distance is measured between Serving Offices or the Serving Office and a Digital Hub or between Digital Hubs, within the same LATA for the Interoffice Channel. The V-H coordinates for the Serving Offices and the Digital Hubs are listed in the National Exchange Carrier Association, Inc., Wire Center Information Tariff.

- B. Calculation of V-H Mileage
  - 1. Determine the difference between the "V" coordinates for the Serving Offices, or the Serving Office and the Digital Hub or between Digital Hubs, 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.
  - 2. Square each difference obtained in Paragraph 1., above.
  - Add the squares of the "V" difference and the "H" difference obtained in Paragraph 2., above.
  - 4. Divide the sum of the squares obtained in Paragraph 3., above, by ten.
  - 5. Obtain the square root of the result obtained in Paragraph 4., above. This distance is the rate distance in V-H miles. Fractional mileage distances should be rounded to the next higher full mile.

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**Public Service Commission** MISSOURI

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Digital Link Services Tariff Section 3

Original Sheet 27

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MEGALINK II<sup>SM</sup> PREMIUM DIGITAL SERVICE

- 3.7 METHOD OF APPLYING RATES-(Continued)
- 3.7.5 Determination of V-H Mileages

The rate distances for MEGALINK II - Premium Digital Sepublic Screige Commission should be determined as follows:

- A. 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 the Digital Hubs are provided in Paragraph 3.13 of this Tariff. The V-H coordinates for respective Serving Offices are the same as used for mileage calculations in the Private Line Service Tariff.

- B. Calculation of V-H Mileage
  - 1. 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.
  - Square each difference obtained in Paragraph 1., above.
  - 3. Add the squares of the "V" difference and the "H" difference obtained in Paragraph 2., above.
  - 4. Divide the sum of the squares obtained in Paragraph 3., above,
  - 5. Obtain the square root of the result obtained in Paragraph 4., above. This distance is the rate distance in V-H miles. Fractional mileage distances should be rounded to the next higher full mile.

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Issued: JUL 15 1986

CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 3
2nd Revised Sheet 28
Replacing 1st Revised Sheet 28

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

- 3.7 METHOD OF APPLYING RATES-(CONTINUED)
  - 3.7.5 Determination of V-H Mileages-(Continued)
  - B. Calculation of V-H Mileage-(Continued)
    - 5. (Continued)

Examples:

- Interoffice Channel to a Digital Hub

Ladue Digital Hub 
$$\frac{V}{6818}$$
  $\frac{H}{3517}$  Sappington Serving Office  $\frac{6839}{3502}$   $\frac{3502}{21}$   $\frac{3502}{15}$  sum of the squares =  $441 + 225 = 666$ 

$$\sqrt{\frac{6 \ 6 \ 6}{1 \ 0}} = 8 \ .1 \ 6} = 9 \text{ V-H Miles}$$

- 3.8 SPECIAL TAXES, FEES AND CHARGES
  - 3.8.1 General
  - 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 Telephone Company by any taxing body or authority, whether by statute, ordinance, law or otherwise, and whether presently due to hereafter become due.
  - B. On and after the effective date thereof, any subsequent increase, de-crease, 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.
- (AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri



Digital Link Services Tariff Section 3 1st Revised Sheet 28 Replacing Original Sheet 28

MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

(CP) 3.7 METHOD OF APPLYING RATES-(CONTINUED)

SEP 25 1989

3.7.4 Determination of V-H Mileages-(Continued)

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B. Calculation of V-H Mileage-(Continued)

Public Sarvice Commission

(Continued)

Examples:

- Interoffice Channel to a Digital Hub

	V	H
Ladue Digital Hub	6818	<del>3517</del>
Sappington Serving Office	6839	3502
difference	21	15
sum of the squares $\pm 441 + 225$	= 666	

$$\frac{666}{10} = 8.16 = 9 \text{ V-H Miles}$$

## 3.8 SPECIAL TAXES, FEES AND CHARGES

#### 3.8.1 General

- 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 Telephone Company by any taxing body or authority, whether by statute, ordinance, law or otherwise, and whether presently due to hereafter become due.
- 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.

# CANCELLED

SEP 1 8 1998 Public Service Commission MISSOURL

SEP 2 5 1989 Issued:

Effective:

OCT 1 1989 OCT 1 1989

By R. D. BARRON, President-Missouri Division Division Service Commission Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff Section 3 Original Sheet 28

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# MEGALINK IISM - PREMIUM DIGITAL SERVICE

- 3.7 METHOD OF APPLYING RATES-(Continued)
- 3.7.5 Determination of V-H Mileages-(Continued)
  - B. Calculation of V-H Mileage-(Continued)
    - (Continued)

Examples:

- Access channel to a Digital Hub

	<u></u>	<u>H</u>
St. Louis Digital Hub	6807	3482
Ladue "569" Serving Office	6817	3517
difference	10	35
sum of the squares = $100 + 1225 =$	1325	

$$\frac{1325}{10}$$
 = 11.5 = 12 V-H Miles

3.8 SPECIAL TAXES, FEES AND CHARGES

## 3.8.1 General

- 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 Telephone Company by any taxing body or authority, whether by statute, ordinance, law or otherwise, and whether presently due or to hereafter become due.
- 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.

Public Service Commission

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 3
1st Revised Sheet 29
Replacing Original Sheet 29

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

- 3.8 SPECIAL TAXES, FEES AND CHARGES-(Continued)
  - 3.8.1 General-(Continued)
  - 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 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.

- 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.

(AT) (1) Obsolete to existing customers.

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By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff
Section 3
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# MEGALINK IISM - PREMIUM DIGITAL SERVICE

- 3.8 SPECIAL TAXES, FEES AND CHARGES-(Continued)
- 3.8.1 General-(Continued)
- C. When such a tax or taxes are imposed in terms of a flat suitchestical commission 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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Digital Link Services Tariff Section 3 6th Revised Sheet 30 Replacing 5th Revised Sheet 30

#### MEGALINK II® - PREMIUM DIGITAL SERVICE(1) (AT)

#### 3.9 SERVICES AND RATES

# 3.9.1 Service Description

MEGALINK II - Premium Digital Service provides channels suitable for duplex transmission of synchronous digital signals at transmission speeds of 2.4, 4.8, 9.6 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 MEGALINK II - Premium Digital Service channels.

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

# 3.9.2 Service Responsibility

The Telephone Company has overall responsibility for provision and maintenance of MEGALINK II - Premium Digital Service up to and including the Demarcation Point of the channel on the customer's premises. The service guarantee specified in Paragraph 3.1.5 of this tariff is provided up to and including the Demarcation Point of the channel.

# 3.10 DESCRIPTION AND APPLICATION OF SERVICES

MEGALINK II - Premium Digital Service channels provide the transmission paths for digital signals between customer locations within the same LATA. Provision of the service between customer locations or between a customer location and a Digital Hub, may require the application of the Local Distribution Channel and Interoffice Channel rate elements. In cases where customer locations access different Digital Hubs within the same LATA, channels between those Digital Hubs require the application of the Interoffice Channel rate element.

Rate elements for Additional Service Features should be applied when these features are used in conjunction with MEGALINK II - Premium Digital Service Channels. Certain Additional Service Features can only be provided at a Digital Hub location.

(AT) (1) Obsolete to existing customers.

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> > By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri



Digital Link Services Tariff Section 3

5th Revised Sheet 30

Replacing 4th Revised Sheet 30

MEGALINK II SM - PREMIUM DIGITAL SERVICE

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3.9 SERVICES AND RATES

3.9.1 Service Description

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Public Service Commission

MEGALINK II - Premium Digital Service provides channels suitable for duplex transmission of synchronous digital signals at transmission speeds of 2.4, 4.8, 9.6 or 56 kilobits per second (kbps) between 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 MEGALINK II - Premium Digital Service channels.

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

3.9.2 Service Responsibility

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The Telephone Company has overall responsibility for provision and maintenance of MEGALINK II - Premium Digital Service up to and including the Demarcation Point of the channel on the customer's premises. The service guarantee specified in Paragraph 3.1.5 of this Tariff is provided up to and including the Demarcation Point of the channel.

3.10 DESCRIPTION AND APPLICATION OF SERVICES

MEGALINK II - Premium Digital Service channels provide the transmission paths for digital signals between customer locations within the same LATA. Provision of the service between customer locations or between a customer location and a Digital Hub, may require the application of Local Distribution Channel and Interoffice Channel rate elements. In cases where customer locations access different Digital Hubs within the same LATA, channels between those Digital Hubs require the application of the Interoffice Channel rate element.

Rate elements for Additional Service Features should be applied when these features are used in conjunction with MEGALINK II - Premium Digital Service Channels. Certain Additional Service Features can only be provided at a Digital Hub location.

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MAY - 9 1992

Public Service Commission MISSOURI

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Digital Link Services Tariff
Section 3
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Replacing 3rd Revised Sheet 30

MEGALINK IISM - PREMIUM DIGITAL SERVICE RECENTED

(CI') 3.9 SERVICES AND RATES

SEP 25 1989

3.9.1 Service Description

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MEGALINK II - Premium Digital Service provides channels suitable for aduplex transmission of synchronous digital signals at transmission speeds of 2.4, 4.8, 9.6 or 56 kilobits per second (kbps) between 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 MEGALINK II - Premium Digital Service channels.

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

3.9.2 Service Responsibility

The Telephone Company has overall responsibility for provision and maintenance of MEGALINK II - Premium Digital Service up to and including the network interface of the channel on the customer's premises. The service guarantee specified in Paragraph 3.1.5 of this this tariff is provided up to and including the network interface of the channel.

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MAY 9 - 1992 BY 5 th R.S. # 3

(CF) 3.10 DESCRIPTION AND APPLICATION OF SERVICES

Public Service Commission
MISSOURI

MEGALINK II - Premium Digital Service channels provide the transmission paths for digital signals between customer locations within the same LATA. Provision of the service between customer locations or between a customer location and a Digital Hub, may require the application of Local Distribution Channel and Interoffice Channel rate elements. In cases where customer locations access different Digital Hubs within the same LATA, channels between those Digital Hubs require the application of the Interoffice Channel rate element.

Rate elements for Additional Service Features should be applied when these features are used in conjunction with MEGALINK II - Premium Digital Service Channels. Certain Additional Service Features can only be provided at a Digital Hub location.

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

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3.9 SERVICES AND RATES

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3.9.1 Service Description

MISSOURI

MEGALINK II - Premium Digital Service provides channebicsbetting Gemmission duplex transmission of synchronous digital signals at transmission speeds of 2.4, 4.8, 9.6 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 MEGALINK II - Premium Digital Service channels.

The service is furnished for duplex operations on a 24-hours ANCEAN, seven-days-per-week basis for a minimum period of one month. OCT 1 1989

3.9.2 Service Responsibility

The Telephone Company has overall responsibility for provision andce Commaintenance of MEGALINK II - Premium Digital Service including the network include maintenance of MEGALINK II - Premium Digital Service up to including the network interface of the channel on the company has overall responsibility for provision andce Commission including the network interface of the channel on the company has Source premises. The service grant of the channel on the company has overall responsibility for provision and commission and commission including the network interface of the channel on the commission and commission including the network interface of the channel on the commission and company has overall responsibility for provision and commission and company has overall responsibility for provision and commission and company has overall responsibility for provision and co including the network interface of the channel on the customer's MISSOURI premises. The service guarantee specified in Participation of the customer's MISSOURI premises. this tariff is provided up to and including the network interface of the channel.

3.9.3 Service Availability

MEGALINK II - Premium Digital Service is available to customers within specific exchanges where the Telephone Company determines that access to a Digital Hub can be provided. Digital Hubs are listed in Paragraph 3.13 of this tariff.

3.10 DESCRIPTION AND APPLICATION OF SERVICES

MEGALINK II - Premium Digital 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 MEGALINK II - Premium Digital Service channels at the Digital Hub.

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company Public Service Commission St. Louis, Missouri

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Digital Link Services Tariff
Section 3
2nd Revised Sheet 30
Replacing 1st Revised Sheet 30

MEGALINK IISM - PREMIUM DIGITAL SERVICE

# 3.9 SERVICES AND RATES

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# 3.9.1 Service Description

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MEGALINK II. - Premium Digital Service provides channels Swifted For duplex transmission of synchronous digital signals of CtCansing Compression of 2.4, 4.8, 9.6 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 Peatures provided at Digital Hubs are available to improve the utility of MEGALINK II - Premium Digital Service channels.

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

# 3.9.2 Service Responsibility

The Telephone Company has overall responsibility for provision and maintenance of MEGALINK II - Premium Digital Service up to the demarcation point (network interface) of the channel on the customer's premises. The service guarantee specified in Paragraph 3.1.5 of this Tariff is provided up to the demarcation point (network interface) of the channel.

# 3.9.3 Service Availability

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MEGALINK II - Premium Digital Service is available to customers within specific exchanges where the Telephone Company determines that access to a Digital Hubs Carried In Paragraph 3.13 of this Tariff.

3.10 DESCRIPTION AND APPLICATION OF SERVICES

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MEGALINK II - Premium Digital 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 MEGALINK II - Premium Digital Service channels at the Digital Hub.

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Public Service Commission

JUL 8 1988

Digital Link Services Tariff Section 3 1st Revised Sheet 30 Replacing Original Sheet 30

MEGALINK II SM - PREMIUM DIGITAL SERVICE

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3.9 SERVICES AND RATES

SEP 2.5 1987

3.9.1 Service Description

MISSOURI

MEGALINK II - Premium Digital Service provides channe நாகும் இறங்கு Commission duplex transmission of synchronous digital signals at transmission speeds of 2.4, 4.8, 9.6 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 availablle to improve the utility of MEGALINK II - Premium Digital Service channels.

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

3.9.2 Service Responsibility

The Telephone Company has overall responsibility for provision and maintenance of MEGALINK II - Premium Digital Service up to the demarcation point (interface) of the channel on the customer's premises. The service guarantee specified in Paragraph 3.1.5 of this Tariff is provided up to the demarcation point (interface) of the channel.

3.9.3 Service Availability

MEGALINK II - Premium Digital Service is available to restomers within specific exchanges where the Telephone company Generalities that access to a Digital Hub can be provided. Digital Hubs are listed in Paragraph 3.13 of this Tariff.

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3.10 DESCRIPTION AND APPLICATION OF SERVICES

Public Service Commission

Public 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 MEGALINK II - Premium Digital Service channels at the Digital Hub.

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Effective: **DCT** 26 1987

Digital Link Services Tariff Section 3

MEGALINK IISM - PREMIUM DIGITAL SERVICE

JUL 1 1 1986

MISSOURI

# 3.9 SERVICES AND RATES

# 3.9.1 Service Description

Public Service Commission MEGALINK II - Premium Digital Service provides channels suitable for duplex transmission of synchronous digital signals at transmission speeds of 2.4, 4.8, 9.6 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 MEGALINK II - Premium Digital Service channels.

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

3.9.2 Service Responsibility

The Telephone Company has overall responsibility for provision and maintenance of MEGALINK II - Premium Digital Service up to the demaration point (interface) of the channel on the customer septiem service guarantee specified in Paragraph 3.1.5 of this Tariff is provided up to the demarcation point (interface) of the channel

3.9.3 Service Availability

MEGALINK II - Premium Digital Service is available to customers within specific exchanges where the Telephone Company determines that access to a Digital Hub can be provided. Digital Hubs are listed in Paragraph 3.13 of this Tariff. Exchanges where MEGALINK II - Premium Digital Service is available are listed in Paragraph 3.14.

3.10 DESCRIPTION AND APPLICATION OF SERVICES

MEGALINK II - Premium Digital Service channels provide the transmission paths for digital signals between two or more customer Tocations within the same LATA. Access to a Digital Hub from a customer's premises requires the application of Local Distribution Section and Interoffice Section Water elements provided for this purpose. In cases where customer locations access different Digital Hubs within the same LATA, channels between 1986 Digital Hubs require the application of the rate element provided for this purpose. **Public Service Commission** 

Effective:

Rate elements for Additional Service Features should be applied when these features are used in conjunction with MEGALINK II - Premium Digital Service channels at the Digital Hub.

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JUL 15 1986

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff
Section 3
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Replacing 2nd Revised Sheet 31

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

# 3.10 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

#### 3.10.1 Channels

Digital Service Channel

## - 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 and 56 kbps, respectively, are provided.

- Interoffice Channel

This rate element represents a two-point transmission path between Serving offices, a Serving Office and a Digital Hub or between Digital Hubs within the same LATA where MEGALINK II - Premium digital Service is available. Interoffice Channels suitable for synchronous data rates of 2.4, 4.8, 9.6 and 56 kbps, respectively, are provided.

## 3.10.2 Additional Service Features

# A. Multistation Arrangement

This arrangement provides the capability to connect multiple MEGALINK II - Premium Digital 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 communication 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.

# B. Secondary Channel Capability

This arrangement provides for a secondary channel which operates at a speed equivalent to one third of the primary channel speed. This secondary channel operates independently from, but over the same physical facility as the primary channel, and is normally used by the customer for performing network management Operations such as on-line diagnostics, data monitoring, traffic measurements and network configuration management.

(AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999



Digital Link Services Tariff
Section 3
2nd Revised Sheet 31
Replacing 1st Revised Sheet 31

MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

(CP) 3.10 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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3.10.1 Channels

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SEP 25 1989

Digital Service Channels

SEP 1 8 1998 Public Service Commission By 3 Page 18

-Local Distribution Section

This rate element representation Sawiga Commission path between a customer's premises and that president serving office. Local Distribution Channels suitable for synchronous data rates of 2.4, 4.8, 9.6 and 56 kbps, respectively, are provided.

-Interoffice Channel

This rate element represents a two-point transmission path between Serving Offices, a Serving Office and a Digital Hub or between Digital Hubs within the same LATA where MEGALINK II - Premium Digital Service is available. Interoffice Channels suitable for synchronous data rates of 2.4, 4.8, 9.6 and 56 kbps, respectively, are provided.

# 3.10.2 Additional Service Features

A. Multistation Arrangement

This arrangement provides the capability to connect multiple MEGALINK II - Premium Digital 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 Multistation Arrangements 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.

B. Secondary Channel Capability

This arrangement provides for a secondary channel which operates at a speed equivalent to one third of the primary channel speed. This secondary channel operates independently from, but over the same physical facility as the primary channel, and is normally used by the customer for performing Network Management Operations such as on-line diagnostics, data monitoring, traffic measurements and network configuration management.

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Digital Link Services Tariff Section 3 1st Revised Sheet 31 Replacing Original Sheet 31

MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

3.10 DESCRIPTION AND APPLICATION OF SERVICES—(Continued)

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3.10.1 Channels

JUN 22 1988

Access Channels to a Digital Hub

MISSOURI Public Service Commission

-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 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 MEGALINK II -Premium Digital Service is available. Interoffice Sections suitable for synchronous data rates of 2.4, 4.8, 9.6 and 56 kbps, respectively, are provided.

3.10.2 Additional Service Features

Multistation Arrangement

This arrangement provides the capability to connect multiple MEGALINK II -Premium Digital 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 arrange allows customers to simultaneously transmit communication 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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JUN 2 2 1988 By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company

JUL 8 1988 Public Service Commission

St. Louis, Missouri

Digital Link Services Tariff Section 3 Original Sheet 31

JUL 8 1988

NOV 17 1986

MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

3.10 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

3.10.1 Channels

Access Channels to a Digital Hub

-Local Distribution Section

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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 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 MEGALINK II - Premium Digital Service is available. Interoffice Sections suitable for synchronous data rates of 2.4, 4.8, 9.6 and CANCELLED 56 kbps, respectively, are provided.

3.10.2 Additional Service Features

Multistation Arrangement

BY MARS#3 This arrangement provides the capability to connect quality of EGALINK II - Premium Digital Service channels at a Digital Hub. A Moderation 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.

3.10.3 Additional Service Components

A. Channel Service Unit

Public Service Commission The Channel Service Unit performs such functions as proper termination of

the service, amplification, signal shaping and remote loop-back. Channel Service Units must be connected in accordance with regulations set forth in Paragraph 3.6.10, preceding.

Issued: JUL 15 1986

NOV 17 1986 Effective:

Digital Link Services Tariff
Section 3
4th Revised Sheet 32
Replacing 3rd Revised Sheet 32

(AT)

# MEGALINK II® - PREMIUM DIGITAL SERVICE(2)

# 3.10 DESCRIPTION AND APPLICATION OF SERVICE-(Continued)

- 3.10.2 Additional Service Features-(Continued)
  - B. Secondary Channel Capability-(Continued)

Secondary Channel Capability is available on point-to-point or multipoint services which utilize nonrepeated Local Distribution Channels. Secondary Channel Capability can only be provided at a Digital Hub for MEGALINK II - Premium Digital Service.

Complementary customer provided terminal equipment must be coupled with this service.

C. Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in their use of a MegaLink Service on a 1XN basis. The arrangement can be utilized to transfer a leg of a MegaLink Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone company designated hub. A key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as a part of the option.

## **3.11 RATES**

3.11.1 Channels

Digital Service Channels(1)

(1) See Supplemental Schedule for current effective rates.

(AT) (2) Obsolete to existing customers.

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Issued: August 19, 1999 Effective: September 18, 1999



Digital Link Services Tariff
Section 3
3rd Revised Sheet 32
Replacing 2nd Revised Sheet 32

MEGALINK IIR - PREMIUM DIGITAL SERVICE

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3.10 DESCRIPTION AND APPLICATION OF SERVICE-(Continued)

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3.10.2 Additional Service Features-(Continued)

MISSOURI
Public Service Commission

B. Secondary Channel Capability-(Continued)

Secondary Channel Capability is available on point-to-point or multipoint services which utilize nonrepeatered Local Distribution Channels. Secondary Channel Capability can only be provided at a Digital Hub for MEGALINK II - Premium Digital Service.

Complementary customer provided terminal equipment must be coupled with this service.

C. Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in their use of a MegaLink Service on a 1XN basis. The arrangement can be utilized to transfer a leg of a MegaLink Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone company designated hub. A key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as a part of the option.

## 3.11 RATES

3.11.1 Channels

(AT) Digital Service Channels(1)

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Public Service Commission

(RT)

(AT) (1) See Supplemental Schedule for current effective rates.

Issued: APR 1 0 1905

Effective:

APR 1 1 1995

By HORACE WILKINS, JR., President - Missouri Southwestern Bell Telephone Company St. Louis, Missouri

APR 1 1 1995

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Digital Link Services Tariff
Section 3
2nd Revised Sheet 32
Replacing 1st Revised Sheet 32

MEGALINK IISM - PREMIUM DIGITAL SERVICE RECENTED

(CP) 3.10 DESCRIPTION AND APPLICATION OF SERVICE-(Continued)

SEP 25 1989

3.10.2 Additional Service Features-(Continued)

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B. Secondary Channel Capability-(Continued)

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Secondary Channel Capability is available on point-to-point or multipoint services which utilize nonrepeatered Local Distribution Channels. Secondary Channel Capability can only be provided at a Digital Hub for MEGALINK II - Premium Digital Service.

Complementary customer provided terminal equipment must be coupled with this service.

C. Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in their use of a MegaLink Service on a lxN basis. The arrangement can be utilized to transfer a leg of a MegaLink Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone Company designated hub. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as a part of the option.

(CP) 3.11 RATES

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3.11.1 Channels

Digital Service Channels

- Local Distribution Section

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ublic Service Commission

MISSOURI

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

For Transmission	Monthly	Service
Speed of:	Rate	Charge
2.4 kbps (lL7AJ)	(CR) \$ 92.85	(CR) S340.00
4.8 kbps (lL7BJ)	94.00	345.00
9.6 kbps (1L7CJ)	92.95	325.00
56 kbps (1L7DJ)	(CR) 171.35	(CR) 355.00

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Issued: SEP 2 5 1989

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Digital Link Services Tariff
Section 3
1st Revised Sheet 32
Replacing Original Sheet 32

# MEGALINK II SM - PREMIUM DIGITAL SERVICE

3.10 DESCRIPTION AND APPLICATION OF SERVICE-(Continued)

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3.11 RATES

3.11.1 Channels

Access Channels to a Digital Hub

- Local Distribution Section

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BY 2 RS Commission

MISSOURI

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

For Transmission	Monthly	Service
Speed of:	Rate	Charge
2.4 kbps (lL7AJ)	\$ 35.00	\$ 75.00
4.8 kbps (lL7BJ)	45.00	75.00
9.6 kbps (1L7CJ)	55.00	75.00
56 kbps (1L7DJ)	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.

		Moi	nthly
Mileage Band	For Transmission Speed of:	Fixed Charge	Rate Per Mile
Band 1 - For mileage of	2.4 kbps (1L7A1)	\$ 59.10	none
O or over, but less than	4.8 kbps (1L7B1)	82.60	none
5 miles	9.6 kbps (1L7C1)	114.60	none
	56 kbps (1L7D1)	150.60	none
Band 2 - For mileage of	2.4 kbps (1L7A2)	101.00	\$ 1.05
5 miles or over	4.8 kbps (1L782)	124.60	1.55
	9.6 kbps (1L7C2)	148.10	2.20
	56 kbps (1L7D2)	234.45	10.00

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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Digital Link Services Tariff Section 3

<u>Original Sheet 32</u>

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Public Service Commission

MEGALINK IISM - PREMIUM DIGITAL SERVICE

- 3.10 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
- 3.10.3 Additional Service Components-(Continued)
  - B. Data Service Unit

The rates set forth below apply for Data Service Units furnished by the Telephone Company as described in Paragraph 3.7.4, B., preceding.

RATES

3.11 RATES

3.11.1 Channels

Access Channels to a Digital Hub.

JUL 8 1988

BY 1 P.S.#32

Public Service Commission

MISSOURI

- Local Distribution Section

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

For Transmission Speed of:	Monthly Rate	Service Charge
2.4 kbps (1L7AJ) 4.8 kbps (1L7BJ)	\$ 35.00 45.00	\$ 75.00 75.00
9.6 kbps (1L7CJ)	55.00	75.00
56 kbps (1L7DJ)	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.

		Monthly
Mileage Band	For Transmission Speed of:	Fixed Rate Per Charge Mile
111110080 Dana		
Band 1 - For mileage of	2.4 kbps (1L7A1)	\$ 59.10 none
O or over, but less than	4.8 kbps (1L7B1)	82.60 none
5 miles	9.6 kbps (1L7C1)	114.60 none
	56 kbps (1L7D1)	150.60 none
Band 2 - For mileage of	2.4 kbps (1L7A2)	101.00 \$ 1.05
5 miles or over	4.8 kbps (1L7B2)	124,60 F D 1.55 148.10 2.20
	9.6 kbps (1L7C2)	
	56 kbps (1L7D2)	234.45 10.00
,		NOV 17 1986
		Public Service Commission

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Digital Link Services Tariff Section 3 5th Revised Sheet 33 Replacing 4th Revised Sheet 33

(AT) MEGALINK II<sup>®</sup> - PREMIUM DIGITAL SERVICE(2)

- 3.11 RATES-(Continued)
  - 3.11.1 Channels-(Continued)
    - Interoffice Channel(1)

(1) See Supplemental Schedule for current effective rates.

(AT) (2) Obsolete to existing customers.

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Digital Link Services Tariff
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Replacing 3rd Revised Sheet 33

MEGALINK IIR - PREMIUM DIGITAL SERVICE

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3.11 RATES-(Continued)

3.11.1 Channels-(Continued)

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- Interoffice Channel(1)

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By Service Commission
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(AT) (1) See Supplemental Schedule for current effective rates.

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By HORACE WILKINS, JR., President - Missouri Southwestern Bell Telephone Company St. Louis, Missouri

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Digital Link Services Tariff 3rd Revised Sheet 33 Replacing 2nd Revised STEWED

(CT) MEGALINK IIR - PREMIUM DIGITAL SERVICE

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3.11 RATES-(Continued)

3.11.1 Channels-(Continued)

MISSOURI Public Service Commission

- Interoffice Channel

(AT) (AT) Per V-H mile between Serving Offices, between Digital or NRS Hubs and a Serving Office, or between a Digital or NRS Hubs within the same LATA for the mileage portion plus the fixed charge.

		Мо	nthly
	For Transmission	Fixed	Rate Per
Mileage Band	Speed of:	Charge	<u>Mile</u>
0	2.4 kbps (1L7A1)	None	None
	4.8 kbps (1L7B1)	None	None
	9.6 kbps (1L7C1)	None	None
	56 kbps (1L7D1)	None	None
Over O to 4	2.4 kbps (1L7A2)	\$ 62.75	\$ 2.25
	4.8 kbps (1L7B2)	63.65	1.70
•	9.6 kbps (1L7C2)	87.55	2.65
	56 kbps (1L7D2)	134.85	8.10
Over 4 to 8	2.4 kbps (1L7A3)	\$ 67.00	\$ 1.20
	4.8 kbps (1L7B3)	63.65	1.70
	9.6 kbps (1L7C3)	87.75	2.65
	56 kbps (1L7D3)	145.15	5.55
Over 8 to 25	2.4 kbps (1L7A4)	\$ 70.45	\$ .75
•	4.8 kbps (1L7B4)	68.85	1.05
	9.6 kbps (1L7C4)	91.95	2.10
	56 kbps (1L7D4)	160.65	3.60
Over 25 to 50	2.4 kbps (3LBSE)	\$ 73.85	\$ .60
	4.8 kbps (3LBPE)	69.85	1.00
	9.6 kbps (3LBQE)	94.55	2.00
	56 kbps (3LBLE)	160.65	3.60
Over 50	2.4 kbps (3LBSF)	\$ 76.85	\$ .55
CELLED	4.8 kbps (3LBPF)	69.85	1.00
CANUCLE	9.6 kbps (3LBQF)	94.55	2.00
CANCELLED	56 kbps (3LBLF)	161.00	3.460.
. 1095	o koha (ammi)	101.00	J. 00

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Digital Link Services Tariff Section 3 2nd Revised Sheet 33 Replacing 1st Revised Sheet 33

MEGALINK II SM - PREMIUM DIGITAL SERVICE

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(CP) 3.11 RATES-(Continued)

SEP 25 1989

3.11.1 Channels-(Continued)

MISSOUNI Public Service Commission

- Interoffice Channel

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

	_	Monthly
	For Transmission	Fixed Rate Per
Mileage Band	Speed of:	Charge Mile
0	2.4 kbps (1L7A1)	(CR) None (CR) None
	4.8 kbps (1L7B1)	None None
	9.6 kbps (1L7C1)	None None
	56 kbps (1L7D1)	(CR) None (CR) None CELLED
Over 0 to 4	2.4 kbps (1L7A2)	(CR)\$ 62.75 (CR)\$ 2.25
	4.8 kbps (1L7B2)	63.65 AGG760 1992
	9.6 kbps (1L7C2)	87.55 By 2.65( R 427
	56 kbps (1L7D2)	(CR) 134.85, (CR) 8.10 Commission
0	0 / 11 /117403	Oleghilling Constitution Control
Over 4 to 8	2.4 kbps (1L7A3)	(NR)\$ 67.00 (NR)\$\frac{1}{1}\$20\to URI
	4.8 kbps (1L783)	63.65 1.70
	9.6 kbps (1L7C3)	87.75 2.65
	56 kbps (1L7D3)	145.15 5.55
Over 8 to 25	2.4 kbps (1L7A4)	\$ 70.45 \$ .75
	4.8 kbps (1L7B4)	68.85 1.05
	9.6 kbps (1L7C4)	91.95 2.10
	56 kbps (1L7D4)	160.65 3.60
Over 25 to 50	2.4 kbps (3LBSE)	\$ 73.85 \$ .60
	4.8 kbps (3LBPE)	69.85 1.00
	9.6 kbps (3LBQE)	94.55 2.00
	56 kbps (3LBLE)	160.65 3.60
Over 50	2.4 kbps (3LBSF)	\$ 76.85 \$ .55
	4.8 kbps (3LBPF)	69.85 1.00
	9.6 kbps (3LBQF)	94.55 2.00
	56 kbps (3LBLF)	(NR) 161.00 (NR) 3.60
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Digital Link Services Tariff Section 3 1st Revised Sheet 33 Replacing Original Sheet 33

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3.11 RATES-(Continued)

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3.11.2 Additional Service Features

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**Multistation Arrangement** 

**MISSOURI** 

- Per channel connected at a Digital Hub

Public Service Commission

For all speeds (DDZ). . . .

\$25.20

Monthly Rate

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By R. D. BARRON, President Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

JUL 8 1988

Public Service Commission

Digital Link Services Tariff Section 3 Original Sheet 33

MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

3.11 RATES-(Continued)

3.11.2 Additional Service Features

Multistation Arrangement

- Per channel connected at a Digital Hub

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MISSOURI

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Monthly Rate

For all speeds (DDZ). . . .

\$25.20

3.11.3 Additional Service Components

Channel Service Unit, Per Unit

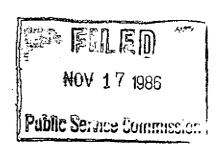
For Transmission Speeds of:	Monthly Rate(1)	Service Charge
2.4 kbps (U24)	\$15.00	None
4.8 kbps (U48)	15.00	None
9.6 kbps (U96)	15.00	None
56 kbps (U56)	15.00	None

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(1) Rate applies per Local Distribution Section with which associated.

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Effective:

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Digital Link Services Tariff
Section 3
Supplemental Schedule
3<sup>rd</sup> Revised Sheet 33.01
Replacing 2<sup>nd</sup> Revised Sheet 33.01

MEGALINK II® - PREMIUM DIGITAL SERVICE(2)

Digital Service Channels

- Local Distribution Section (1)

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

For Transmission	Monthly	Service
Speed of:	_Rate_	<u>Charge</u>
2.4 kbps (1L7AJ)	\$ 92.85	\$340.00
4.8 kbps (1L7BJ)	94.00	345.00
9.6 kbps (1L7CJ)	92.95	325.00
56 kbps (1L7DJ)	171.35	355.00

## - Interoffice Channel

Per V-H mile between Serving Offices, between Digital or NRS Hubs and a Serving Office, or between a Digital or NRS Hubs within the same LATA for the mileage portion plus the fixed charge.

1 1	8	Monthly	
	For Transmission	Fixed	Rate Per
Mileage Band	Speed of:	<u>Charge</u>	Mile
0	2.4kbps (1L7A1)	None	None
U	4.8kbps (1L7B1)	None	None
	9.6 kbps (1L7C1)	None	None
	56 kbps (1L7D1)	None	None
Over 0 to 4	2.4 kbps (1L7A2)	\$ 62.75	\$2.25
	4.8 kbps (1L7B2)	63.65	1.70
	9.6 kbps (1L7C2)	87.55	2.65
	56 kbps (1L7D2)	134.85	8.10
Over 4 to 8	2.4 kbps (1L7A3)	\$ 67.00	\$1.20
	4.8 kbps (1L7B3)	63.65	1.70
	9.6 kbps (1L7C3)	87.75	2.65
	56 kbps (1L7D3)	145.15	5.55

(MT)

Pursuant to Section 392.510.3 R.S.Mo. 1994

- (1) When service terminates in a channel port of an Access Advantage Plus Service, a Local Distribution Channel charge will not apply for that location. All other appropriate circuit charges specified in this tariff will apply to the remainder of the circuit.
- (AT) (2) Obsolete to existing customers.

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Digital Link Services Tariff Section 3 Supplemental Schedule

2nd Revised Sheet 33.01 Replacing 1st Revised Sheet 33.01

MEGALINK II® – PREMIUM DIGITAL SERVICE

JUL - 7 1999

Digital Service Channels

Local Distribution Section (1)

MO. PUBLIC SERVICE COMM

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

For Transmission	Monthly	CANCELLED	Service
Speed of:	_Rate		Charge
2.4 kbps (1L7AJ)	\$ 92.85		\$340.00
4.8 kbps (1L7BJ)	94.00	SEP, 1 8 1998	345.00
9.6 kbps (1L7CJ)	92.95	3(U/S33.0)	325.00
56 kbps (117DJ)	<sup>171.3</sup> ֆս <b>b</b>	lic Service Commussi	on 355.00
Intereffice Channel		MISSOURI	

Interoffice Channel

Per V-H mile between Serving Offices, between Digital or NRS Hubs and a Serving Office, or between a Digital or NRS Hubs within the same LATA for the mileage portion plus the fixed charge.

		Monthly	
	For Transmission	Fixed	Rate Per
Mileage Band	Speed of:	Charge	Mile
0	2.4kbps (1L7A1)	None	None
	4.8kbps (1L7B1)	None	None
	9.6 kbps (1L7C1)	None	None
	56 kbps (1L7D1)	None	None
Over 0 to 4	2.4 kbps (1L7A2)	\$ 62.75	\$2.25
	4.8 kbps (1L7B2)	63.65	1.70
	9.6 kbps (1L7C2)	87.55	2.65
	56 kbps (1L7D2)	134.85	8.10
Over 4 to 8	2.4 kbps (1L7A3)	\$ 67.00	\$1.20
	4.8 kbps (1L7B3)	63.65	1.70
	9.6 kbps (1L7C3)	87.75	2.65
	56 kbps (1L7D3)	145.15	5.55
Over 8 to 25	2.4 kbps (1L7A4)	\$ 70.45	\$ .75
	4.8 kbps (1L7B4)	_68 <b>185</b> j©9	quri Public
	9.6 kbps (1L7C4)	<b>திழ்</b> சிக்க	Commission
	56 kbps (1L7D4)	160,65 НЕЕД Д	UG - 6 1999

Pursuant to Section 392.510.3 R.S.Mo. 1994

When service terminates in a channel port of an Access Advantage Plus Service, a Local Distribution Channel charge will not apply for that location. All other appropriate circuit charges specified in this tariff will apply to the remainder of the circuit.

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**JULY 7, 1999** 

Effective

**AUGUST 6, 1999** 

Digital Link Services Tariff
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1st Revised Sheet 33.01
Replacing Original Sheet 33.01

MEGALINK II® - PREMIUM DIGITAL SERVICE

Missouri Public Sorvice Commission

(AT)

Digital Service Channels

- Local Distribution Section (1)

RECID LER 8 3 1999

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

For Transmission	Monthly		Service
Speed of:	Rate_	CANCELLED	Charge
2.4 kbps (IL7AJ)	\$ 92.85	CHIACEFFFF	\$340.00
4.8 kbps (1L7BJ)	94.00	4000	345.00
9.6 kbps (1L7CJ)	92.95	AUG 0 6 1999	325.00
56 kbps (117DJ)	171.35	$\sim 1000$	355.00
- Interoffice Channel	Pul	By rollic Service Commission MISSOURI	n

Per V-H mile between Serving Offices, between Digital or NRS Hubs and a Serving Office, or between a Digital or NRS Hubs within the same LATA for the mileage portion plus the fixed charge.

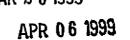
1	3	M	<b>f</b> onthly
	For Transmission	Fixed	Rate Per
Mileage Band	Speed of:	Charge	Mile
0	2.4kbps (1L7A1)	None	None
	4.8kbps (1L7B1)	None	None
	9.6 kbps (1L7C1)	None	None
	56 kbps (1L7D1)	None	None
Over 0 to 4	2.4 kbps (1L7A2)	\$ 62.75	\$2.25
	4.8 kbps (1L7B2)	63.65	1.70
	9.6 kbps (1L7C2)	87.55	2.65
	56 kbps (1L7D2)	134.85	8.10
Over 4 to 8	2.4 kbps (1L7A3)	\$ 67.00	\$1.20
	4.8 kbps (1L7B3)	63.65	1.70
	9.6 kbps (1L7C3)	87 <i>.</i> 75	2.65
	56 kbps (1L7D3)	145.15	5.55
Over 8 to 25	2.4 kbps (1L7A4)	\$ 70.45	\$ .75
	4.8 kbps (1L7B4)	68.85	Missouri Public
	9.6 kbps (1L7C4)	91.95	servise Commission
	56 kbps (1L7D4)	160.65	3.60
0 200.510	2 D G 3 & 100 4		FIFD APR 0 6 1999

Pursuant to Section 392.510.3 R.S.Mo. 1994

(1) When service terminates in a channel port of an Integrated Pathway Service, a Local Distribution Channel charge will not apply for that location. All other appropriate circuit charges specified in this tariff will apply to the remainder of the circuit.

Issued: FEB 2 4 1999

(AT)



Digital Link Services Tariff
Section 3
Supplemental Schedule
Original Sheet 33.01

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 ${\tt MEGALINK~II}^{R}_{-}$  PREMIUM DIGITAL SERVICE

Digital Service Channels

MAY 6 1994

- Local Distribution Section

MISSOURI
Public Service Commission

Monthly

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

For Transmission	Monthly	Service
Speed of:	Rate	Charge
2.4 kbps (1L7AJ)	\$ 92.85	\$340.00
4.8 kbps (lL7BJ)	94.00	345.00
9.6 kbps (lL7CJ)	92.95	325.00
56 kbps (lL7DJ)	171.35	355.00

### - Interoffice Channel

Per V-H mile between Serving Offices, between Digital or NRS Hubs and a Serving Office, or between a Digital or NRS Hubs within the same LATA for the mileage portion plus the fixed charge.

			11 f 11 L Y
Mileage Band	For Transmission Speed of:	Fixed Charge	Rate Per Mile
0	2.4 kbps (1L7A1)	None	None
	4.8 kbps (1L7B1)	None	None
	9.6 kbps (1L7C1)	None	None
	56 kbps (1L7D1)	None	None
Over O to 4	2.4 kbps (1L7A2)	\$ 62.75	\$ 2.25
	4.8 kbps (1L7B2)	63.65	1.70
	9.6 kbps (1L7C2)	87.55	2.65
	56 kbps (1L7D2)	134.85	8.10
CANCELL Over 4 to 8	2.4 kbps (1L7A3)	\$ 67.00	\$ 1.20
	4.8 kbps (1L7B3)	63.65	1.70
	9.6 kbps (1L7C3)	87.75	2.65
	56 kbps (1L7D3)	145.15	5.55
APR 0 6 1999  APR 0 6 1999  By 131 201 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.4 kbps (1L7A4)	\$ 70.45	\$ .75
	4.8 kbps (1L7B4)	68.85	1.05
	9.6 kbps (1L7C4)	91.95	2.10
	56 kbps (1L7D4)	160.65	3.60

Pursuant to Section 392.510.3 R.S.Mo. 1994

Issued: APK I U 1995

Effective: APR 1 1 1995

By HORACE WILKINS, JR., President-Missouri Southwestern Bell Telephone St. Louis, Missouri

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APR 1 1 1995 94 - 364 MO. PUBLIC SERVICE COMM

Digital Link Services Tariff
Section 3
Supplemental Schedule
1st Revised Sheet 33.02
Replacing Original Sheet 33.02

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

Digital Service Channels – (Continued)

- Local Distribution Section – (Continued)

			Mo	nthly
	Mileage Band	For Transmission Speed of:	Fixed <u>Charge</u>	Rate Per Mile
(MT)	Over 8 to 25	2.4 kbps (1L7A4)	\$ 70.45	\$ .75
		4.8 kbps (1L7B4)	68.85	1.05
		9.6 kbps (1L7C4)	91.95	2.10
(MT)		56 kbps (1L7D4)	160.65	3.60
	Over 25 to 50	2.4 kbps (3LBSE)	\$ 73.85	\$ .60
		4.8 kbps (3LBPE)	69.85	1.00
		9.6 kbps (3LBQE)	94.55	2.00
		56 kbps (3LBLE)	160.65	3.60
	Over 50	2.4 kbps (3LBSF)	\$ 76.85	\$ .55
		4.8 kbps (3LBPF)	69.85	1.00
		9.6 kbps (3LBQF)	94.55	2.00
		56 kbps (3LBLF)	161.00	3.60

Pursuant to Section 392.510.3 R.S.Mo. 1994

(AT) (1) Obsolete to existing customers.



Digital Link Services Tariff
Section 3
Supplemental Schedule
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MEGALINK IIR- PREMIUM DIGITAL SERVICE

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Digital Service Channels - (Continued)

MAY 6 1994

- Interoffice Channel (Continued)

	VISSOURI
Public St	arvice Commission
Fixed	Rate Per
Charge	Mile

			<u> </u>
Mileage Band	For TransmissionSpeed of:	Fixed Charge	Rate Per Mile
Over 25 to 50	2.4 kbps (3LBSE)	\$ 73.85	\$ .60
	4.8 kbps (3LBPE)	69.85	1.00
	9.6 kbps (3LBQE)	94.55	2.00
	56 kbps (3LBLE)	160.65	3.60
Over 50	2.4 kbps (3LBSF)	\$ 76.85	\$ .55
	4.8 kbps (3LBPF)	69.85	1.00
	9.6 kbps (3LBQF)	94.55	2.00
	56 kbps (3LBLF)	161.00	3.60

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Public Service Commission
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Pursuant to Section 392.510.3 R.Ş.Mo. 1994

Issued: APR 1 U 1995

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APR 1 1 1995

By HORACE WILKINS, JR., President-Missouri Southwestern Bell Telephone St. Louis, Missouri

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Digital Link Services Tariff
Section 3
3rd Revised Sheet 34
Replacing 2nd Revised Sheet 34

# (AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(4)

#### 3.11 RATES-(Continued)

#### 3.11.2 Additional Service Features

Loop Transfer arrangement (Key Activated)(1)	<u>USOC</u>	<u> </u>	Monthly Rate		Service Charge
- Per four port arrangement(2)	XTD		\$64.25		\$ 40.00
<ul><li>Multistation Arrangement (Bridging)</li><li>Per channel connected at a Digital Hub</li></ul>					
For all speeds	DDZ		18.55		None
Secondary Channel Capability					
- Per Local Distribution Channel					
For all speeds	SCA	(NR)	12.00	(NR)	125.00(3)

- (1) The key activated control channel is rated as a metallic Channel. Charges for a Series 100 special Signaling Service Channel as described in the Private Line Service Tariff are applicable.
- (2) An additional Local Distribution Channel charge will apply whenever a spare channel is configured as a leg to the customers premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.
- (3) Service charge applies only is Secondary Channel Capability is installed subsequent to initial installation of the Local Distribution Channel.
- (AT) (4) Obsolete to existing customers.



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2nd Revised Sheet 34
Replacing 1st Revised Sheet 34
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MEGALINK IISM - PREMIUM DIGITAL SERVICE

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(CP) 3.11 RATES-(Continued)

SEP 25 1989

3.11.2 Additional Service Features

ASSESSMENT.

		H	lön thly C	arvic Service ission
Loop Transfer Arrangement (Key Activated)(1)	USOC	_	Rate	Charge
<pre>- Per four port   arrangement(2)</pre>	<b>XTD</b>	(NR) S	64.25	(NR) \$ 40.00
Multistation Arrangement (Bridging) - Per channel connected at a Digital Hub				
For all speeds	DDZ	(CR)	18.55	None
Secondary Channel Capability				
<ul> <li>Per Local Distribution</li> <li>Channel</li> </ul>				
For all speeds	SCA	(NR)	12.00	(NR) 125.00(3)

# CANCELLED

SEP 1 8 1998

By 3 (2 1534)

Public Service Commission

MISSOURI

(1) The key activated control channel is rated as a metallic Channel. Charges for a Series 100 special Signaling Service Channel as described in the Private Line Service Tariff are applicable.

(2) An additional Local Distribution Channel charge will apply whenever a spare channel is configured as a leg to the customers premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

(3) Service charge applies only is Secondary Channel Capability is installed subsequent to initial installation of the Local Distribution Channel

Issued: SEP 2 5 1989

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Digital Link Services Tariff Section 3 1st Revised Sheet 34 Replacing Original Sheet 34

MEGALINK II SM - PREMIUM DIGITAL SERVICE

3.11 RATES-(Continued)

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JUN 22 1988

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OCT 1 1989

BYSE A.S. # 34 Public Service Commission
MISSOURI

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Issued:

JUN 2 2 1988

Effective: JUL 8 1988

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

JUL 8 1988 88-287 Public Service Commission

Digital Link Services Tariff Section 3

Original Sheet 34

JUL 11 1986

MISSOURI Publis Setvice Commission

# MEGALINK IISM - PREMIUM DIGITAL SERVICE

3.11 RATES-(Continued)

3.11.3 Additional Service Components-(Continued)

	Rate	Charge
Common equipment for mounting up to 5 Data Service Units (M48)(1)	\$25.00	None
Data Service Unit, per unit(2)		
For Transmission	Monthly	Service
Speed of:	Rate	Charge
2.4 kbps (DDQ++)	\$25.20	\$25.00
4.8 kbps (DDW++)	25.20	25.00
9.6 kbps (DDX++)	25.20	25.00
56 kbps (DDY++)	33.50	25.00

CANCELLED
JUL 8 1988 MISSOURI NOV 17 1986 Public Service Commission

Monthly

(1) Requires suitable cabinet for multiple Data Service Unit mountings.

(2) Obsolete - existing installations at existing locations for existing customers.

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Effective:

7 1986

Digital Link Services Tariff
Section 3
4th Revised Sheet 35
Replacing 3rd Revised Sheet 35

(AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

#### 3.12 SERVICE AVAILABILITY

MEGALINK II - Premium Digital Service is available to customers within specific exchanges where the Telephone Company determines that Digital Connectivity can be provided. Multistation Arrangements and certain other Additional Service Features require routing the service through a Telephone Company designated Digital Hub. Refer to the appropriate National Exchange Carrier Association, Inc. Wire Center Information Tariff, for the locations of these Digital Hubs.

(AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999

FILED MO PSC

Digital Link Services Tariff
Section 3
3rd Revised Sheet 35
Replacing 2nd Revised Sheet 35

MEGALINK II SM - PREMIUM DIGITAL SERVICE

3.12 SERVICE AVAILABILITY

MEGALINK II - Premium Digital Service is available to customers within specific exchanges where the Telephone Company determines that Digital Connectivity can be provided. Multistation Arrangements and certain other Additional Service Features require routing the service through a Telephone Company designated Digital Hub. Refer to the appropriate National Exchange Carrier Association, Inc. Wire Center Information Tariff, for the locations of these Digital Hubs.

. MAY 6 1994

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Public Service Commission

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By Service Commission Public Service Commission

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Issued: MAY D 6 1994

Effective:

APR 1 1 1995

Digital Link Services Tariff Section 3 2nd Revised Sheet 35 Replacing 1st Revised Sheet 35

through 1st Revised Sheet 36

MEGALINK II SM - PREMIUM DIGITAL SERVICE

SEP 25 1989

(CP) 3.12 SERVICE AVAILABILITY

MEGALINK II - Premium Digital Service is available to customers within specific exchanges where the Telephone Company determines that Digital Connectivity can be provided. Multistation Arrangements and certain other Additional Service Features require routing the service through a Telephone Company designated Digital Hub. Refer to the appropriate National Exchange Carrier Association, Inc. Wire Center Information Tariff, for the locations of these Digital Hubs.

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BY 3 M R.S. 35

Public Service Commission

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Issued: 2 5 1989

Effective: OCT 1 1989FILED

OCT 1 1989

Digital Link Services Tariff
Section 3
1st Revised Sheet 35
Replacing Original Controls

MEGALINK II<sup>SM</sup> - PREMIUM DIGITAL SERVICE

SEP 25 1987

#### 3.12 SERVICE AVAILABILITY

MISSOURI

MEGALINK II - Premium Digital Service is available to cupying Service Capamission cific exchanges where the Telephone Company determines that access to a Digital Hub can be provided. Digital Hubs, where interconnection of channels and Additional Service Features are provided, are listed in Paragraph 3.13 of this Tariff.

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(RT)

#### 3.13 DIGITAL HUBS

The Digital Hubs, where interconnection of channels and Additional Service Features are provided, are as follows:

Digital Hub	V	H
Kansas City	7027	4203
St. Louis	6807	3482

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OCT 1 1989

BYZ R S#35

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OCT 26 1987

Public Service Commission

(RT)

Issued: SEP 2 5 1987

Effective: OCT 26 1987

Digital Link Services Tariff Section 3 Original Sheet 35

MEGALINK IISM - PREMIUM DIGITAL SERVICE

#### 3.12 SERVICE AVAILABILITY

JUL 1 1 1986

MEGALINK II - Premium Digital Service is available to customers, within specific exchanges where the Telephone Company determines that access to a Digital Hub can be provided. Digital Hubs, where interconnect chuldic dericel coardiscon ditional Service Features are provided and listed in Provided and Listed and ditional Service Features are provided, are listed in Paragraph 3:13 of this Tariff. The exchanges where MEGALINK II - Premium Digital Service is available are listed in Paragraph 3.14 by the respective Digital Hub they access for this service. Subject to normal operating conditions, they may constrain the providing of service components to a particular Serving Office. MEGALINK II - Premium Digital Service is available in all Serving Offices within exchanges listed in Paragraph 3.13.

### 3.13 DIGITAL HUBS

Issued:

The Digital Hubs, where interconnection of channels and Additional Service CANCELLED

OCT 26 1987

BY KYRS.#35 Features are provided, are as follows:

Digital Hub	<u></u>	<u> </u>
Kansas City	7027	4203
St. Louis	6807	3482

### 3.14 LIST OF EXCHANGES SERVED

The exchanges where MEGALINK II - Premium Digital Service is available Grellisted by the respective Digital Hub they access for this service exchanges are as follows:

Digital Hub	Exchanges Served			
Location	Area Code	Exchange Name		
Kansas City	816	Kansas City Metropolitan (Missouri Only)		
	816	Chillicothe		
	816	Ferrelview(1)		
	816	Glasgow		
	816	Kirksville		
	816	Moberly		
	816	Sedalia		
; ·	816	Smithvillen 50		
	417	Carthage(2)		
	417	* * 703		
	417	Joplin (2) 1 / 1986 Nevada (2)		
	417	Springfield(2)		
•	-	Public Sarvice Commission		

(1) United Telephone Company of Missouri is a connecting carrier for the purpose of this Tariff.

(2) Obsolete-applicable to existing installations at existing locations for existing customers. Effective: NOV 17 1986

JUL 15 1986
By R. D. BARRON, President-Missouri Division
Relationary Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff
Section 3
3rd Revised Sheet 36
Replacing 2nd Revised Sheet 36

# (AT) MEGALINK II® - PREMIUM DIGITAL SERVICE(1)

#### 3.13 PRICING FLEXIBILITY

The Telephone Company provides for pricing flexibility in the form of rate banding for MegaLink II Service in the State of Missouri. The Telephone Company may charge a different monthly rate from the current monthly rate, but between the minimum and maximum rates, upon notice to the Missouri Public Service Commission.

Rate banding is available for two rate elements, the local distribution section and the interoffice channel both fixed and per mile. Current rates and charges are set forth in 3.11.1, preceding. Rate bands are set forth as follows:

#### Local Distribution Section

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

For Transmission	Monthly Rate		
Speed of	Minimum	<u>Maximum</u>	
2.4 kbps (1L7AJ)	\$ 60.35	\$ 92.85	
4.8 kbps (1L7BJ)	61.10	94.00	
9.6 kbps (1L7CJ)	60.40	92.95	
56 kbps (1L7DJ)	111.40	171.35	

(AT) (1) Obsolete to existing customers.

Issued: August 19, 1999 Effective: September 18, 1999

FILED MO PSC

Digital Link Services Tariff
Section 3
2nd Revised Sheet 36

2nd Revised Sheet 36 Replacing 1st Revised Sheet 36

MEGALINK II SM - PREMIUM DIGITAL SERVICE

MAY 6 1994

AT) 3.13 PRICING FLEXIBILITY

MISSOURI

The Telephone Company provides for pricing flexibility in the form of rate banding for MegaLink II Service in the state of Missouri. The Telephone Company may charge a different monthly rate from the current monthly rate, but between the minimum and maximum rates, upon notice to the Missouri Public Service Commission.

Rate banding is available for two rate elements, the local distribution section and the interoffice channel both fixed and per mile. Current rates and charges are set forth in 3.11.1 preceding. Rate bands are set forth as follows:

### - Local Distribution Section

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

For Transmission	Month	aly Rate
Speed of	Minimum	Maximum
2.4 kbps (1L7AJ)	(NR) \$ 60.35	\$ 92.85
4.8 kbps (1L7BJ)	61.10	94.00
9.6 kbps (1L7CJ)	60.40	92.95
56 kbps (1L7DJ)	(NR) 111.40	171.35

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By Service Commission
MISSOURI

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Issued: MAY 0 6 1994

Effective: APR 11 4

Digital Link Services Tariff
Section 3
1st Revised Sheet 36
Replacing Original Sheet 36

MEGALINK II SM - PREMIUM DIGITAL SERVICE

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Digital Link Services Tariff -- Section 3

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MEGALINK IISM - PREMIUM DIGITAL SERVICE

JUL 1 1 1986

3.14 LIST OF EXCHANGES SERVED-(Continued)

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Exchanges Served Served Commission  Area Code  Area Code  Exchange Name  St. Louis  314 St. Louis Metropolitan  314 Bloomsdale  314 Bowling Green  314 Cedar Hill  314 Center  314 Chesterfield  314 Clarksville  314 DeSoto  314 Eldon  314 Elsberry  314 Eureka  314 Farmington  314 Festus-Crystal City  Flat Biver
St. Louis  314 St. Louis Metropolitan  314 Antonia  314 Bloomsdale  314 Bowling Green  314 Cedar Hill  314 Center  314 Chesterfield  314 Clarksville  314 DeSoto  314 Eldon  314 Elsberry  314 Eureka  314 Farmington  314 Fenton  314 Festus-Crystal City
St. Louis  314 St. Louis Metropolitan  314 Antonia  314 Bloomsdale  314 Bowling Green  314 Cedar Hill  314 Center  314 Chesterfield  314 Clarksville  314 DeSoto  314 Eldon  314 Elsberry  314 Eureka  314 Farmington  314 Fenton  314 Festus-Crystal City
314 Antonia 314 Bloomsdale 314 Bonne Terre 314 Bowling Green 314 Cedar Hill 314 Center 314 Chesterfield 314 Clarksville 314 DeSoto 314 Eldon 314 Elsberry 314 Eureka 314 Farmington 314 Fenton 314 Festus-Crystal City
314 Antonia 314 Bloomsdale 314 Bonne Terre 314 Bowling Green 314 Cedar Hill 314 Center 314 Chesterfield 314 Clarksville 314 DeSoto 314 Eldon 314 Elsberry 314 Eureka 314 Farmington 314 Fenton 314 Festus-Crystal City
314 Bloomsdale 314 Bonne Terre 314 Bowling Green 314 Cedar Hill 314 Center 314 Chesterfield 314 Clarksville 314 DeSoto 314 Eldon 314 Elsberry 314 Eureka 314 Farmington 314 Fenton 314 Festus-Crystal City
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314 Bowling Green 314 Cedar Hill 314 Center 314 Chesterfield 314 Clarksville 314 DeSoto 314 Eldon 314 Elsberry 314 Eureka 314 Farmington 314 Fenton 314 Festus-Crystal City
314 Cedar Hill 314 Center 314 Chesterfield 314 Clarksville 314 DeSoto 314 Eldon 314 Elsberry 314 Eureka 314 Farmington 314 Fenton 314 Festus-Crystal City
314 Center 314 Chesterfield 314 Clarksville 314 DeSoto 314 Eldon 314 Elsberry 314 Eureka 314 Farmington 314 Fenton 314 Festus-Crystal City
314 Chesterfield 314 Clarksville 314 DeSoto 314 Eldon 314 Elsberry 314 Eureka 314 Farmington 314 Fenton 314 Festus-Crystal City
314 Clarksville 314 DeSoto 314 Eldon 314 Elsberry 314 Eureka 314 Farmington 314 Fenton 314 Festus-Crystal City
314 DeSoto 314 Eldon 314 Elsberry 314 Eureka 314 Farmington 314 Fenton 314 Festus-Crystal City
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21/ Fl.4 Dissan
314 Flat River
314 Frankford
314 Fredericktown
314 Hannibal
CANCELLED 314 Harvester 314 Herculaneum-Pevely High Ridge/House Springs Hillsboro Imperial Leadwood Leadwood
314 Herculaneum-Pevely
314 High Ridge/House Springs
Hillsboro
00.7 26 1363140 Imperial
Leadwood
CANOL 314 High Ridge/House Springs Hillsboro Imperial Leadwood Louisiana Public Service County 314 Public Service County 314 Manchester 314 Maxville 314 Mexico
By wice is 314 Louisiana Manakantan
Sing Gervice 314 Manchester
public Maxville
314 Paynesville
314 Pond
314 Pontage Des Siloux 314 St Charles
314 St Charles Charles
314 St. Marys. 314 Stg. Genevieva 7 1986
314 Ste. Genevieva / 1986
314 Valley Park
314 Wentzwille(1)
314 Wentzville(1)

(1) Continental Telephone Company of Missouri is a connecting carrier for the purpose of this Tariff.

Issued: JUL 15 1986

Effective:

(AT)

Digital Link Services Tariff Section 3 1st Revised Sheet 37 Replacing Original Sheet 37

Monthly

MEGALINK II<sup>®</sup> - PREMIUM DIGITAL SERVICE(1)

### 3.13 PRICING FLEXIBILITY – (Continued)

### - Interoffice Channel

Per V-H mile between Serving Offices, between Digital or NRS Hubs and a Serving Office, or between a Digital or NRS Hub within the same LATA for the mileage portion plus the fixed charge.

			IVIUI	типту	
	For Transmission	Fix	ked	Rate I	Per
Mileage Band	Speed of	<u>Cha</u>	<u>irge</u>	<u>Mile</u>	
		<u>Minimum</u>	<b>Maximum</b>	<u>Minimum</u>	<u>Maximum</u>
0	2.4 kbps (1L7A1)	None	None	None	None
	4.8 kbps (1L7B1)	None	None	None	None
	9.6 kbps (1L7C1)	None	None	None	None
	56 kbps (1L7D1)	None	None	None	None
Over 0 to 4	2.4 kbps (1L7A2)	\$ 40.80	\$ 62.75	\$1.45	\$2.25
Over 0 to 4	4.8 kbps (1L7B2)	41.40	63.65	1.10	1.70
	9.6 kbps (1L7C2)	56.90	87.55	1.70	2.65
	56 kbps (1L7C2)	87.65	134.85	5.25	8.10
	30 kops (1L/D2)	87.03	134.63	3.23	8.10
Over 4 to 8	2.4 kbps (1L7A3)	\$ 43.55	\$ 67.00	\$ .80	\$1.20
	4.8 kbps (1L7B3)	41.40	63.65	1.10	1.70
	9.6 kbps (1L7C3)	57.05	87.75	1.70	2.65
	56 kbps (1L7D3)	94.35	145.15	3.60	5.55
Over 8 to 25	2.4 kbps (1L7A4)	\$ 45.80	\$ 70.45	\$ .50	\$ .75
0 / 01 0 10 20	4.8 kbps (1L7B4)	44.75	68.85	.70	1.05
	9.6 kbps (1L7C4)	59.75	91.95	1.35	2.10
	56 kbps (1L7D4)	104.40	160.65	2.35	3.60
0 25 . 50	2 4 11 (21 DCE)	Φ 40 00	Φ. <b>72</b> .05	Φ. 40	Φ 60
Over 25 to 50	2.4 kbps (3LBSE)	\$ 48.00	\$ 73.85	\$ .40	\$ .60
	4.8 kbps (3LBPE)	45.40	69.85	.65	1.00
	9.6 kbps (3LBOE)	61.65	94.55	1.30	2.00
	56 kbps (3LBLE)	104.40	160.65	2.35	3.60
Over 50	2.4 kbps (3LBSF)	\$ 49.95	\$ 76.85	\$ .35	\$ .55
	4.8 kbps (3LBPF)	45.40	69.85	.65	1.00
	9.6 kbps (3LBOF)	61.45	94.55	1.30	2.00
	56 kbps (3LBLF)	104.65	161.00	2.35	3.60

(AT) (1) Obsolete to existing customers.



Digital Link Services Tariff Section 3 Original Sheet 37

MEGALINK II SM - PREMIUM DIGITAL SERVICE

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3.13 PRICING FLEXIBILITY-(Continued)

1994 MAY 6

-Interoffice Channel

MISSOURI Public Service Commission

Per V-H mile between Serving Offices, between Digital or NRS Hubs and a Serving Office, or between a Digital or NRS Hub within the same LATA for the mileage portion plus the fixed charge.

				Monthl	ly	
		smission	F	ixed	Rate	e Per
Mileage Band	Spee	d of	C	harge	· <u>M</u>	ile
	_ · · · ·		Minimum		Mipimum	Maximum
0		(1L7A1)	None	None	None	None
	•	(1L7B1)	None	None	None	None
		(1L7C1)	None	None	None	None
	56 kbps	(1L7D1)	None	None	None	None
Over O to 4	2.4 kbps	(1L7A2)	(NR)\$ 40.80	\$ 62.75	(NR)\$1.45	\$ 2.25
		(1L7B2)	41.40	63.65	1.10	1.70
-		(1L7C2)	56.90	87.55	1.70	2.65
	56 kbps	(1L7D2)	87.65	134.85	5.25	8.10
Over 4 to 8	2.4 kbps	(1L7A3)	\$ 43.55	\$ 671.00	\$ .80	\$ 1.20
	4.8 kbps	(1L7B3)	41.40	63.65	1.10	1.70
	9.6 kbps	(1L7C3)	57.05	87.75	1.70	2.65
	56 kbps	(1L7D3)	94.35	145.15	3.60	5.55
Over 8 to 25	2.4 kbps	(1L7A4)	\$ 45.80	\$ 70.45	\$ .50	\$ .75
	4.8 kbps	(1L7B4)	44.75	68.85	.70	1.05
	9.6 kbps	(1L7C4)	\$9.75	91.95	1.35	2.10
	56 kbps	(1L7D4)	104.40	160.65	2.35	3.60
Over 25 to 50	2.4 kbps	(3LBSE)	\$ 48.00	\$ 73.85	\$ .40	\$ .60
	4.8 kbps	(3LBPE)	45.40		.65	1.00
•	9.6 kbps	(3LBOE)	61.45	94.55	1.30	2.00
	56 kbps	(3LBLE)	104.40		2.35	3.60
Over 50	2.4 kbps	(3LBSF)	\$ 49.95	\$ 76.85	\$ .35	\$ .55
	4.8 kbps	(3LBPF)	45.40	•	.65	1.00
	9.6 kbps	(3LBOF)	61.45	94.55	1.30	2.00
	56 kbps	(3LBLF)	(NR) 104.65	161.00	(NR) 2.35	3.60
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MO. PUBLIC SERVICE COMM

Public Service Commission MISSOURI Issued:

MAY 0 6 1994

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations Southwestern Bell Telephone

St. Louis, Missouri

FILED

Digital Link Services Tariff Section 3 2nd Revised Sheet 38 Replacing 1st Revised Sheet 38

#### MEGALINK ® DIGITAL SERVICE

#### 3.14 GENERAL

MEGALINK Digital Service provides for the simultaneous two-way transmission of synchronous digital signals at speeds of 2.4, 4.8, 9.6, 19.2, 56, or 64 Kbps. The service is available in either two-point or multipoint configurations, with the exception of 64 Kbps service which is available in only two-point configurations. The service is available between:

- Customer-designated premises
- Customer-designated premises and a SWBT serving office for the purpose of:

Multiplexing the circuit onto a higher speed circuit,

Bridging the circuit in a multi-point configuration,

Connection to a SWBT Network Reconfiguration Service (NRS) hub.

(CT) This service is competitively classified.

#### 3.15 REGULATIONS

The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this tariff.

### 3.15.1 Availability of Service

MEGALINK Digital Service can only be provided where digital facilities exist. Serving offices where MEGALINK Digital Service is available are determined by SWBT.

#### 3.15.2 Provision of Service

- A. The minimum period of which MEGALINK Digital Service is provided and for which rates and charges are applicable is one month, unless a different minimum period is established with Special Construction as provided in Section 1 of this tariff. When a service is discontinued prior to the expiration of the minimum period, charges are applicable for the remaining portion of the minimum period, whether the service is used or not, and will be based on the rates in effect for the service at the time of discontinuance.
- B. MEGALINK Digital Service is furnished on a full-time basis (24 hours a day, seven days per week).
- C. Customer requests for special routing of MEGALINK Digital Service channels are provided in accordance with Section 1 of this tariff.
- D. In the event suitable facilities are not available, or modifications to existing facilities are required, special construction charges will be applicable as provided in Section 1 of this tariff. Service availability will be negotiated locally.

® Registered Service Mark of Southwestern Bell Telephone Company

Issued: February 20, 2002 Effective: March 29, 2002



P.S.C. Mo.-No. 38

No supplement to the ANCELLER tariff will be issued except for the purpose of canceling this tariffMAR 2 9 2002

Digital Link Services Tariff Section 3 1st Revised Sheet 38 Replacing Original Sheet 38

DIGITAL SERVICE 3.14 GENERALLING

(CT)

(CT)

MEGALINK Digital Service provides for the simultaneous two-way transmission of synchronous digital signals at speeds of 2.4, 4.8, 9.6, 19.2, 56, or 64 Kbps. The service is available in either two-point or multi-point configurations, with the exception of 64 Kbps service which is available in only two-point configurations. The service is available between:

Customer-designated premises

Missouri Public

Customer-designated premises and a SWBT serving office for the purpose of:

Multiplexing the circuit onto a higher speed circuit, Bridging the circuit in a multi-point configuration,

REC'D APR 2 5 2001

Connection to a SWBT Network Reconfiguration Service (NRS) hub.

Service Commission This service was classified as transitionally competitive effective January 10, 1993.

3.15 REGULATIONS

The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this tariff.

3.15.1 Availability of Service

MEGALINK Digital Service can only be provided where digital facilities exist. Serving offices where MEGALINK Digital Service is available are determined by SWBT.

### 3.15.2 Provision of Service

- A. The minimum period of which MEGALINK Digital Service is provided and for which rates and charges are applicable is one month, unless a different minimum period is established with Special Construction as provided in Section 1 of this tariff. When a service is discontinued prior to the expiration of the minimum period, charges are applicable for the remaining portion of the minimum period, whether the service is used or not, and will be based on the rates in effect for the service at the time of discontinuance.
- B. MEGALINK Digital Service is furnished on a full-time basis (24 hours a day, seven days per week).
- C. Customer requests for special routing of MEGALINK Digital Service channels are provided in accordance with Section 1 of this tariff.
- D. In the event suitable facilities are not available, or modifications to existing facilities are required, special construction charges will be applicable as provided in Section 1 of this tariff. Service availability will be negotiated locally.

® Registered Service Mark of Southwestern Bell Telephone Company

Issued: April 25, 2001

Effective: May 25, 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Missouri Public

FILED MAY 2 5 2001

Service Commission

Digital Link Services Tariff
Section 3
Original Sheet 38



### MEGALINK® DIGITAL SERVICE

### 3.14 GENERAL

**RECD AUG 191999** 

MEGALINK Digital Service is a service which supports synchronous, full-duplex transmission at bit rates of 2.4, 4.8, 9.6, 19.2, 56, and 64 kilobits per second (kbps). This service is offered between specified locations on an intraLATA basis, when suitable facilities are available.

This service was classified as transitionally competitive effective January 10, 1993.

#### 3.15 REGULATIONS

The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this tariff.

### 3.15.1 Availability of Service

MEGALINK Digital Service can only be provided where digital facilities exist. Serving offices where MEGALINK Digital Service is available are determined by SWBT.

#### 3.15.2 Provision of Service

- A. The minimum period of which MEGALINK Digital Service is provided and for which rates and charges are applicable is one month, unless a different minimum period is established with Special Construction as provided in Section 1 of this tariff. When a service is discontinued prior to the expiration of the minimum period, charges are applicable for the remaining portion of the minimum period, whether the service is used or not, and will be based on the rates in effect for the service at the time of discontinuance.
- B. MEGALINK Digital Service is furnished on a full-time basis (24 hours a day, seven days per week).
- C. Customer requests for special routing of MEGALINK Digital Service channels are provided in accordance with Section 1 of this tariff.
- D. In the event suitable facilities are not available, or modifications to existing facilities are required, special construction charges will be applicable applicable availability will be negotiated locally.

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Public Service Commission

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FILED SEP 1 8 1999

® Registered Service Mark of Southwestern Bell Telephone Company

Effective: September 18, 1999

Issued: August 19, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff Section 3 Original Sheet 39

### MEGALINK® DIGITAL SERVICE

### 3.15 REGULATIONS – (Continued)

- 3.15.2 Provision of Service (Continued)
  - E. SWBT has the service responsibility up to the demarcation point. The demarcation point will be provided by SWBT as set forth in Technical Reference - PUB 62310. Section 10 of this publication describes the four-wire physical interface specifications.
  - F. The customer shall be responsible for ordering MEGALINK Digital Service and specifying the transmission speed required for operation with terminal equipment or communications systems provided by the customer.
  - G. This service is guaranteed to provide a performance level of at least 99.875% error-free seconds up to the demarcation point of the channel for operation at all transmission speeds offered in this tariff. When MEGALINK Digital Service is operating at an error performance level that is unsatisfactory to the customer, and SWBT 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 as provided in 1.4 preceding. The credit allowance shall begin from the time of notice by the customer to SWBT that an unsatisfactory performance level has occurred, provided that the customer promptly releases the service as requested by SWBT to perform testing and maintenance.
  - H. Digital equipment provided by the customer is subject to the regulations set forth in Section 1.5 preceding.
  - I. MEGALINK Digital Service may be used as a derived channel of a MEGALINK III Service through the use of the central office multiplexing additional service feature found in Section 4 of this tariff. It is the customer's responsibility to determine channel assignments for the derived channels of the MEGALINK 1.5 Service. Additional interoffice channel mileage may be required in order to route the MEGALINK service to a central office multiplexing hub location for termination in the central office multiplexing arrangement.
  - J. MEGALINK Digital Service may be terminated in a channel port of a Network Reconfiguration Service (NRS) found in Section 8 of this tariff. Additional interoffice channel mileage may be required to route the MEGALINK service to an NRS hub location. NRS channel port monthly rates will not apply if the customer terminates 20 or more MEGALINK services at a single NRS hub location.

® Registered Service Mark of Southwestern Bell Telephone Company

Issued: August 19, 1999

Effective: September 18, 1999



Digital Link Services Tariff Section 3 Original Sheet 40

### MEGALINK® DIGITAL SERVICE

### 3.15 REGULATIONS – (Continued)

### 3.15.3 Availability and Allowance for Interruptions

Availability is a measure of the relative amount of time that a service is usable to the customer. MEGALINK Digital Service is considered unavailable when 10 consecutive severely errored seconds (SESs) are received. The service becomes available again when no SESs are received for 10 consecutive seconds. The objective for MEGALINK service is 99.96% availability when averaged over 12 months. SWBT, in order to ensure the highest performance standards and service availability to the customer, offers the following service guarantee:

If a MEGALINK service fails due to SWBT-provided equipment or facilities and the service is not restored to the customer within 24 hours of the outage report, and the service is made available to SWBT by the customer during those 24 hours, the customer will be credited for 1/30th of the monthly rate for the service on the following month's bill. This guarantee is subject to the following conditions:

- A. The credit will be applied on a per circuit, per occurrence basis and will only be applied once during a 24-hour period. Credits are not accumulative.
- B. The trouble cause must be isolated to SWBT-provided equipment. Trouble determined to be caused by customer-provided equipment or trouble that clears without a positive determination as to cause, will not qualify for the service credit.
- C. The outage must be reported by the customer. SWBT-initiated reports will not qualify for the service credit.
- D. There may be occasions when the service does not meet the required operating parameters, but due to business conditions, the customer is unable to release the circuit for immediate testing. The 24- hour clock does not begin until the service is made available to SWBT for repair.
- E. The service guarantee applies to recurring rates and charges for MEGALINK local distribution channels and interoffice channel mileage.
- F. On MEGALINK service used with NRS, the service credit applies only to the MEGALINK portion of the service, and will not apply to NRS.



Digital Link Services Tariff Section 3 Original Sheet 41

### MEGALINK® DIGITAL SERVICE

#### 3.16 DESCRIPTION OF SERVICE

MEGALINK Digital Service channels provide the transmission paths for digital data signals between two or more customer premises within a LATA.

### 3.16.1 Access Channels to a Digital Serving Office

#### A. Local Distribution Channel

A two-point transmission path between a customer's premises and the SWBT serving office or NRS hub. Local distribution channels suitable for synchronous data rates of 2.4, 4.8, 9.6, 19.2, 56 and 64 kbps, respectively, are provided.

#### B. Interoffice Channel

A two-point transmission path between serving offices, between a serving office and a digital hub or NRS hub, between digital hubs, or between a digital hub and an NRS hub. Charges are based on the vertical and horizontal (V-H) distance between the digital serving office or NRS hub and the serving office of the customer. A fixed charge and rate per mile for the requested transmission speed will apply for each interoffice channel. V-H coordinates for digital serving offices, serving offices, and NRS hubs may be found in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff.

#### 3.16.2 Service Charge

A service charge applies per point of termination installed or moved as provided in 3.17, following.



Digital Link Services Tariff Section 3 Original Sheet 42

### MEGALINK® DIGITAL SERVICE

### 3.16 DESCRIPTION OF SERVICE – (Continued)

#### 3.16.3 Multi-Station Arrangement

A multi-station arrangement is required to provide for MEGALINK Digital Service between three or more digital stations on the same and/or different premises located within a LATA.

This offering may consist of standard digital service for intraLATA service between three or more stations at speeds of 2.4, 4.8, 9.6, 19.2 and 56 kbps. Multi-station arrangements will be provided at a digital hub.

The number of two-point channels that may be specified for a given service may be limited by operating and transmission factors.

The rate for a multi-station arrangement is set forth in 3.17, following.

### 3.16.4 Secondary Channel Capability

This arrangement provides for a secondary channel which operates at a speed equivalent to onethird of the primary channel speed. This secondary channel operates independently from, but over the same physical facility as the primary channel, and is normally used by the customer for performing network management operations such as on-line diagnostics, data monitoring, traffic measurements and network configuration management.

Secondary channel capability is available on point-to-point or multi-point services which use non-repeatered local distribution channels. Secondary channel capability can only be provided at digital serving offices for MEGALINK services. Secondary channel capability is not available with 64 kbps service.

Complementary customer-provided terminal equipment must be coupled with this service.

The rate for secondary channel capability is set forth in 3.17, following.



CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 3 Original Sheet 43

### MEGALINK® DIGITAL SERVICE

#### 3.17 RATES AND CHARGES

### 3.17.1 Pricing Flexibility

The Telephone Company provides for pricing flexibility in the form of rate banding for MEGALINK Service in the state of Missouri. The Telephone Company may charge a different monthly rate from the current monthly rate, but between the minimum and maximum rates, upon notice to the Missouri Public Service Commission.

Rate banding is available for two rate elements, the local distribution channel and the interoffice channel, both fixed and per mile. Current rates and charges are set forth on Supplemental Schedules in 3.17.2 and 3.17.6 following. Rate bands are set forth as follows:

#### - Local Distribution Channel

Per termination of a Local Distribution Channel on a customer's premises:

Monthly Rate		
<u>Minimum</u>	<u>Maximum</u>	
\$45.00	\$ 90.00	
45.00	90.00	
45.00	90.00	
45.00	100.00	
50.00	105.00	
50.00	105.00	
	Minimum \$45.00 45.00 45.00 45.00 50.00	

### - Interoffice Channel

Per V-H mile between Serving Offices, between Digital or NRS Hubs and a Serving Office, or between a Digital or NRS Hubs within the same LATA for the mileage portion plus the fixed charge.

-	<u>Monthly</u>			
For Transmission	Fixed Charge		Rate Per Mile	
Speed of:	<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Maximum</u>
2.4 kbps (1LNOQ)	\$18.00	\$ 62.75	\$.50	\$2.25
4.8 kbps (1LNRQ)	18.00	63.65	.50	1.70
9.6 kbps (1LNSQ)	18.00	87.55	.50	2.65
19.2 kbps (1LNJQ)	18.00	90.00	.50	3.00
56 kbps (1LNTQ)	18.00	134.85	.50	8.10
64 kbps (1LN8Q)	18.00	134.85	.50	8.10



Digital Link Services Tariff Section 3 Supplemental Schedule Original Sheet 44

### MEGALINK® DIGITAL SERVICE

### 3.17 RATES AND CHARGES – (Continued)

### 3.17.2 Access Channels to a Digital Serving Office

### A. Local Distribution Channel

- Per termination of a local distribution channel on a customer's premises.

For Transmission	Monthly	Service	
Speed of:	Rate	<u>Charge</u>	<u>USOC</u>
2.4 kbps	\$ 90.00	\$340.00	SYN24
4.8 kbps	90.00	345.00	SYN48
9.6 kbps	90.00	325.00	SYN96
19.2 kbps	90.00	355.00	SYN19
56 kbps	105.00	355.00	SYN56
64 kbps	105.00	355.00	SYN64

#### B. Interoffice Channel

- Per V-H mile between the digital serving office or NRS hub and the serving office for the mileage portion plus the fixed charge.

	Mo	onthly	
For Transmission	Fixed	Rate Per	
Speed of:	<u>Charge</u>	Mile	<u>USOC</u>
2.4 kbps	\$60.00	\$ .55	1LNQQ
4.8 kbps	60.00	1.00	1LNRQ
9.6 kbps	60.00	1.00	1LNSQ
19.2 kbps	60.00	1.00	1LNJQ
56 kbps	60.00	1.00	1LNTQ
64 kbps	60.00	1.00	1LN8Q

Pursuant to Section 392.510.3 R.S.Mo. 1994

Issued: August 19, 1999 Effective: September 18, 1999

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Digital Link Services Tariff Section 3 Original Sheet 45

### MEGALINK® DIGITAL SERVICE

### 3.17 RATES AND CHARGES – (Continued)

#### 3.17.3 Multi-Station Arrangement

When a MEGALINK circuit is arranged for multi-station operation for transmission speeds of 2.4, 4.8, 9.6, 19.2 and 56 kbps, the following charge applies per channel connected at a digital serving office in addition to other charges in this tariff.

Monthly	
Rate	<u>USOC</u>
\$18.00	6BN

Multi-station service is described in 3.16.3, preceding.

### 3.17.4 Secondary Channel Capability

When a MEGALINK circuit is arranged for secondary channel capability, the following charge applies per local distribution channel connected on the circuit. This charge is in addition to other charges in this tariff.

For Transmission	Monthly	Service	
Speed of:	Rate	<u>Charge</u>	<u>USOC</u>
For all speeds	\$12.00	\$112.00	SCA

Secondary channel capability is described in 3.16.4, preceding.

### 3.17.5 Telecommunications Service Priority System

Telecommunications Service Priority System service is available for Digital Link Service under the regulations and rates specified in the Telecommunications Service Priority System Tariff.



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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 3
1st Revised Sheet 46
Replacing Original Sheet 46

### MEGALINK® DIGITAL SERVICE

### 3.17 RATES AND CHARGES – (Continued)

#### 3.17.6 Term Pricing Plan

A. The Term Pricing Plan (TPP) provides the customer with rate stabilization and discounted tariff rates. The TPP provides for two, three or five year rate stabilization. Decreases in monthly recurring tariff rates will be passed on to customers who participate in a TPP. SWBT will notify customers participating in a TPP when monthly rates are decreased.

The monthly rates in the TPP will not be subject to rate increases for the duration of the TPP period.

B. The customer may choose to terminate an existing TPP before the end of the two, three or five year period and negotiate a new two, three or five year TPP as follows:

### **Upgrades**

During a customer's TPP term, conversion may be made to a new TPP term of the same or different length or to a higher speed service, if the expiration date for the new service or TPP term is beyond the end of the original TPP term.(1) The new TPP term becomes effective upon execution. No credit for months under the previous TPP may be transferred to the new TPP. The customer incurs no liability for the remaining months on the original TPP, since the change is not considered a termination of service. The prices applicable for the new term are those currently in effect for new customers.

#### Moves

During a TPP term a customer may move one Local Distribution Channel (LDC) of a MEGALINK Digital Service to another location in the same LATA and keep the TPP in force, provided no lapse in service occurs. Moves to a different serving office, however, may result in a change in the monthly charges. The customer must have met the minimum in-service period at the old location and be liable for a new minimum in-service period at the new location. The nonrecurring charge that is currently in effect for month-to-month service will apply.

### C. Renewals

At the end of a TPP term, the customer may elect a new TPP term with the prices in effect at that time. If the customer elects not to renew the TPP, or does not notify SWBT of the customer's intent to establish a new TPP, the service will automatically be billed under the tariffed monthly rates in effect at the time the TPP expires. (2)

- (AT) (1) Customers with existing TPP's established prior to May 25, 2001 may convert their TPP to a lower bandwidth as long as the new TPP contract period meets or exceeds the remaining time on the customer's existing contract.
- (AT) (2) Customers with existing TPP's established prior to May 25, 2001 may renew their TPP once at previously established rates.

Issued: April 25, 2001 Effective: May 25, 2001



Digital Link Services Tariff Section 3 Original Sheet 46

### MEGALINK® DIGITAL SERVICE

Missouri Public Sorvice Commission

3.17 RATES AND CHARGES – (Continued)

RECD AUG 1 9 1999

### 3.17.6 Term Pricing Plan

A. The Term Pricing Plan (TPP) provides the customer with rate stabilization and discounted tariff rates. The TPP provides for two, three or five year rate stabilization. Decreases in monthly recurring tariff rates will be passed on to customers who participate in a TPP. SWBT will notify customers participating in a TPP when monthly rates are decreased.

The monthly rates in the TPP will not be subject to rate increases for the duration of the TPP period.

- B. The customer may choose to terminate an existing TPP before the end of the two, three or five year period and negotiate a new two, three or five year TPP provided the new TPP meets the following requirements:
  - (1) the new TPP must be based upon the rates that are currently in effect and available to all customers.
  - (2) if moving down in bandwidth (e.g., 56 kbps to 9.6 kbps), the new TPP contract period must exceed the remaining time period on the customer's existing contract. Termination charges do not apply.
  - (3) if moving up in bandwidth (e.g., 4.8 kbps to 56 kbps), the new TPP contract period must meet or exceed the remaining time period on the customer's existing contract. Termination charges do not apply.
  - (4) if moving to another SWBT service of equal or higher bandwidth (e.g. 56 kbps to 1.544 mbps) at the same location, the new TPP contract period must meet or exceed the remaining time period on the customer's existing contract. Termination charges do not apply.
- C. A TPP may be renewed one time at the same rate when the renewal period is at least as long as the original term.

The customer must provide SWBT with a written notice of intent to renew a TPP no later than 90 days prior to its expiration. If the customer elects not to renew the TPP, or does not notify SWBT of the customer's intent to renew the TPP, the customer's service will automatically be billed under the tariffed monthly rates in effect at the time the TPP expires.

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FILED SEP 1 8 1999

Issued: August 19, 1999

Public Service Commission MISSOURI

Effective: September 18, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri (CT)

(AT)

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No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Services Tariff Section 3 1st Revised Sheet 47 Replacing Original Sheet 47

### MEGALINK® - DIGITAL SERVICE

### 3.17 RATES AND CHARGES (cont'd)

- 3.17.6 Term Pricing Plan (cont'd)
  - Any special construction charges incurred for services billed under a TPP will be applicable as provided for in Section 1 of this tariff.
  - Customers requesting the termination of a TPP prior to the expiration date, excluding TPPs terminated as a result of a re-negotiation, will incur termination charges. Payment of the termination charge does not release the customer from other pervious amounts owed to SBC Missouri.

If the customer terminates the Term Pricing Plan agreement prior to the expiration of the two, three, or five year TPP, the customer shall pay a termination charge.

The termination charge for all service terms will be calculated as follows:

For service terms that become effective on or after October 1, 2004:

- All unpaid Special Construction or nonrecurring charges (excluding any waived charges);
- Fifty percent (50%) of all recurring charges for the remaining months of the customer's term.

For service terms in effect prior to October 1, 2004:

The termination charge shall be the lesser of:

- The difference between the TPP rates and charges for the completed months of the TPP at the time of termination and the rates and charges for the next lower service term(1) actually completed plus interest charges based on the annuity factor discount rate, as stated in Section 17 of the General Exchange Tariff, in effect at the time of termination; or
- The monthly payments left on the term.

(1) If the service is terminated within the first 24 months, the calculation is based on month-to-month rates.

Issued: September 1, 2004 Effective: October 1, 2004

Digital Link Services Tariff Section 3 Original Sheet 47

> Micsouri Fubile Sorvice Commission

## MEGALINK® DIGITAL SERVICE

**RECD AUG 191999** 

3.17 RATES AND CHARGES – (Continued)

3.17.6 Term Pricing Plan – (Continued)

- D. Any special construction charges incurred for services billed under a TPP will be applicable as provided for in Section 1 of this tariff.
- E. Customers requesting the termination of a TPP prior to the expiration date, excluding TPPs terminated as a result of a re-negotiation, will incur termination charges. Payment of the termination charge does not release the customer from other pervious amounts owed to SWBT.

The termination charge shall be the lesser of:

- The difference between the TPP rates and charges for the completed months of the TPP at the time of termination and the rates and charges for the next lower service term(1) actually completed plus interest charges based on the annuity factor discount rate, as stated in Section 17 of the General Exchange Tariff, in effect at the time of termination; or
- The monthly payments left on the term.

Example: If the customer completes 27 months of a 36 month (3 year) service term, the first calculation of a termination charge will equal the difference between 27 months of rates and charges at the 3 year service term and 27 months of rates and charges at the 2 year term (which is the next lower service term actually completed) plus interest at the annuity factor discount rate in effect at the time of termination. The second calculation will be the sum of the 9 remaining monthly payments of the 3 year service term. The termination charge is the lesser of the two calculations.

Customers requesting the termination of a renewed TPP prior to the expiration date will pay the subsequent year termination percentage for the applicable plan.

F. Customers currently subscribing to MEGALINK service on a month-to-month basis may convert their existing service to either a two, three, or five year TPP. Nonrecurring charges will be waived at the time of conversion.

CANCELLED

By 154KS 41
ublic Service Commission

OCT 0 1 2004

(1) If the service is terminated within the first 24 months, the calculation is based on month-to-month rates.

Issued: August 19, 1999

Effective: September 18, 1999

FILED SEP 181999

(MT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 3 Original Sheet 47.01

### MEGALINK® - PREMIUM DIGITAL SERVICE

- 3.17 RATES AND CHARGES (cont'd)
  - 3.17.6 Term Pricing Plan (cont'd)
- (MT) E. (cont'd)

Example: If the customer completes 27 months of a 36 month (3 year) service term, the first calculation of a termination charge will equal the difference between 27 months of rates and charges at the 3 year service term and 27 months of rates and charges at the 2 year term (which is the next lower service term actually completed) plus interest at the annuity factor discount rate in effect at the time of termination. The second calculation will be the sum of the 9 remaining monthly payments of the 3 year service term. The termination charge is the lesser of the two calculations.

Customers requesting the termination of a renewed TPP prior to the expiration date will pay the subsequent year termination percentage for the applicable plan.

F. Customers currently subscribing to MEGALINK service on a month-to-month basis may convert their existing service to either a two, three, or five year TPP. Nonrecurring charges will be waived at the time of conversion.

Issued: September 1, 2004 Effective: October 1, 2004



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### MEGALINK® DIGITAL SERVICE

### 3.17 RATES AND CHARGES – (Continued)

3.17.6 Term Pricing Plan – (Continued)

### G. Local Distribution Channel

- Per termination of a local distribution channel on a customer's premises.

For Transmission	N	Monthly Rates		
Speed of:	2 Years	3 Years	5 Years	<u>Charge</u>
2.4 Kbps	\$72.00	\$67.00	\$62.00	\$340.00
4.8 Kbps	72.00	67.00	62.00	345.00
9.6 Kbps	72.00	67.00	62.00	325.00
19.2 Kbps	72.00	67.00	62.00	355.00
56 Kbps	76.00	72.00	67.00	355.00
64 Kbps	76.00	72.00	67.00	355.00

### H. Interoffice Channel

- Per V-H mile between the digital serving office or NRS hub and the serving office for the mileage portion plus the fixed charge.

For Transmission	<u></u>	<u>Monthly Rates</u>	
Speed of:	2 Years	3 Years	5 Years
Fixed			
2.4 Kbps	\$45.00	\$40.00	\$38.00
4.8 Kbps	45.00	40.00	38.00
9.6 Kbps	45.00	40.00	38.00
19.2 Kbps	45.00	40.00	38.00
56 Kbps	50.00	45.00	40.00
64 Kbps	50.00	45.00	40.00
Per Mile			
2.4 Kbps	\$ .55	\$ .55	\$ .52
4.8 Kbps	.80	.65	.60
9.6 Kbps	.80	.65	.60
19.2 Kbps	.80	.65	.60
56 Kbps	.80	.65	.60
64 Kbps	.80	.65	.60



Digital Link Services Tariff Section 3 Original Sheet 49

### MEGALINK® DIGITAL SERVICE

- 3.17 RATES AND CHARGES (Continued)
  - 3.17.6 Term Pricing Plan (Continued)
    - I. Multi-Station Arrangement

Multi-Station service is described in 3.16.3 preceding.

Monthly Rates				
2 Years	3 Years	5 Years		
\$14.00	\$12.00	\$10.00		

J. Secondary Channel Capability

Secondary Channel Capability is described in 3.16.4 preceding.

Monthly Rates			
2 Years	3 Years	5 Years	
\$7.50	\$7.00	\$6.00	



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MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 Mbps

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By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations
Southwestern Bell Telephone
St. Louis, Missouri

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri-

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## MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

#### 4.1 DESCRIPTION AND APPLICATION OF SERVICES

#### 4.1.1 General

MEGALINK III - Wideband Digital Service/1.544 Mbps is an 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 Telephone Company provided network interface.

This service is competitively classified.

4.1.2 Regulations

A. The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this Tariff.

#### B. Availability of Service

MEGALINK III - 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.

#### C. Provision of Service

- 1. MEGALINK III Wideband Digital Service/1.544 Mbps is available only on an intraLATA basis.
- 2. MEGALINK III Wideband Digital Service/1.544 Mbps is furnished on a full-time basis (24 hours a day, seven days per week).
- 3. Customer requests for MEGALINK III-Wideband Digital Service/1.544 Mbps where suitable service components are not available and the Company constructs the requested service components, when certain conditions exist, is considered special construction. The regulations, rates and charges applicable to special construction are found in Section 1, Paragraph 1.4.4 of this Tariff. Service availability will be negotiated locally.
- (1) Obsolete to existing customers.

®Registered Service Mark of Southwestern Bell Telephone Company.

Issued: February 20, 2002 Effective: March 29, 2002

(CT)

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(AT)

MEGALINK III<sup>®</sup>- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

Missouri Public Service Commission

#### 4.1 DESCRIPTION AND APPLICATION OF SERVICES

4.1.1 General

RECD OCT - 6 1999

MEGALINK III - Wideband Digital Service/1.544 Mbps is an 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 Telephone Company provided network interface.

This service was classified as transitionally competitive effective January 10, 1993.

## 4.1.2 Regulations

CANCELLED

A. The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this Tariff.

B. Availability of Service

By DW(K⊃ ( Public Service Commission MISSOURI

MEGALINK III - 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.

#### C. Provision of Service

- MEGALINK III Wideband Digital Service/1.544 Mbps is available only on an intraLATA basis.
- 2. MEGALINK III Wideband Digital Service/1.544 Mbps is furnished on a full-time basis (24 hours a day, seven days per week).
- 3. Customer requests for MEGALINK III-Wideband Digital Service/1.544 Mbps where suitable service components are not available and the Company constructs the requested service components, when certain conditions exist, is considered special construction. The regulations, rates and charges applicable to special construction are found in Section 1, Paragraph 1.4.4 of this Tariff. Service availability will be negotiated locally.

(CT) (CT)

(AT) (1) Obsolete to existing customers.

®Registered Service Mark of Southwestern Bell Telephone Company.

FILED NOV - 5 1999

Missouri Public Service Commission

Issued: October 6, 1999 Effective: November 5, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

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(TA)

MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 MbpRECEIVED

4.1 DESCRIPTION AND APPLICATION OF SERVICES

FEB 10 1993

4.1.1 General

MO. PUBLIC SERVICE COMM.

MEGALINK III - Wideband Digital Service/1.544 Mbps is an 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 Telephone Company provided network interface.

This service was classified as transitionally competitive effective January 10, 1993.

CANCELLED

4.1.2 Regulations

A. The regulations and rates specified herein are in addition to the 0 5 1999 applicable regulations found in other sections of this Tariff.

B. Availability of Service

By 411 Public Service Commission MISSOURI

MEGALINK III - 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.

- C. Provision of Service
  - MEGALINK III Wideband Digital Service/1.544 Mbps is available only on an intraLATA basis.
  - MEGALINK III Wideband Digital Service/1.544 Mbps is furnished on a full-time basis (24 hours a day, seven days per week).
  - Customer requests for MEGALINK III-Wideband Digital Service/1.544 Mbps where suitable service components are not available and the Company constructs the requested service components, when certain conditions exist, is considered special construction. The regulations, rates and charges applicable to special construction are found in Section 3, Paragraph 3.4.4 of this Tariff. Service availability will be negotiated locally.

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m R}$  Registered Service Mark of Southwestern Bell Telephone Company.

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Issued: FEB 1 9 1993

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# MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES

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(CP) 4.1.1 General

SEP 25 1989

MEGALINK III - Wideband Digital Service/1.544 Mbps is an intraLATA; dedicated high capacity channel used for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital promission 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 Telephone Company provided network interface.

## 4.1.2 Regulations

- A. The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this Tariff.
- B. Availability of Service

MEGALINK III - 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.

- (CP) C. Provision of Service
  - MEGALINK III Wideband Digital Service/1.544 Mbps is available only on an intraLATA basis.
  - 2. MEGALINK III Wideband Digital Service/1.544 Mbps is furnished on a full-time basis (24 hours a day, seven days per week).
  - 3. Customer requests for MEGALINK III-Wideband Digital Service/1.544 Mbps where suitable service components are not available and the Company constructs the requested service components, when certain conditions exist, is considered special construction. The regulations, rates and charges applicable to special construction are found in Section 3, Paragraph 3.4.4 of this Tariff. Service availability will be negotiated locally.

CANCELLED

SM Service Mark of Southwestern Bell Telephone Company Public Service Commission MISSOURI

Issued: 2 5 1989

Effective: OCT 1 1989

on OCT 1 1989 89 - 14 Public Service Commission

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By R.D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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HEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps RECEIVED

4.1 DESCRIPTION AND APPLICATION OF SERVICES

JUN 22 1988

(CP) 4.1.1 General

> MISSOURI
> MEGALINK III - Wideband Digital Service/1.544 Mbps is a two-point missior 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 Telephone Company provided network interface.

## 4.1.2 Regulations

- The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this Tariff.
- Availability of Service

MEGALINK III - 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.

- C. Provision of Service
  - 1. MEGALINK III Wideband Digital Service/1.544 Mbps is available only on a two-point intraLATA basis.
  - MEGALINK III Videband Digital Service/1.544 Mbps is furnished on a full-time basis (24 hours a day, seven days per week).
  - 3. Customer requests for MEGALINK III-Videband Digital Service/1.544 Mbps where suitable service components are not available and the Company constructs the requested service components, when certain conditions exist, is considered special construction. The regulations, rates and charges applicable to special construction are found in Section 3, Paragraph 3.4.4 of this Tariff. Service availability will be negotiated locally.

Service Mark of Southwestern Bell Telephone Company.

Public Service Commission

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By R.D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

JUL 8 1988 88-287

Public Service Commission

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MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES

JUL 1 1 1986

MISSOURI

4.1.1 General

(MT)

MEGALINK III - Wideband Digital Service/1.544 Mbps is a december of the Commission 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 as set forth in Technical Reference - PUB 62411 for High Capacity Digital Service Channel Interface Specification.

## 4.1.2 Regulations

- The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this Tariff.
- B. Availability of Service

MEGALINK III - 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.

#### C. Provision of Service

- MEGALINK III Wideband Digital Service/1.544 Mbps is available only on a two-point intraLATA basis.
- 2. MEGALINK III Wideband Digital Service/1.544 Mbps is furnished on a full-time basis (24 hours a day, seven days per week).
- Customer requests for MEGALINK III-Wideband Digital Service/1.544 Mbps where suitable service components are not available and the Company constructs the requested service components, when certain conditions exist, is considered special construction. The regulations, rates and charges applicable to special construction are found in Section 3, Paragraph 3.4.4 of this Tariff EService availability will be negotiated locally.

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Service Mark of Southwestern Bells Telephone Company.

Public Service Commissic:

Issued: JUL 15 1986

NOV 17 1986 Effective: CFP 15 1996

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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(CT)(AT)

# MEGALINK III<sup>®</sup>- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 4.1.2 Regulations-(Continued)
    - C. Provision of Service-(Continued)
      - 4. When the customer requests a service arrangement which requires the installation of special equipment or modification of standard equipment, and for which provision is not otherwise made in this tariff, it can be furnished by the Telephone Company subject to additional regulations, rates and charges as specified for Special Service Arrangements in the Rules and Regulations applying to all Customers' Contracts Section of the General Exchange Tariff.
      - 5. The Telephone Company has the service responsibility up to and including the network interface. The Demarcation Point will be provided by the Telephone Company as set forth in Technical Reference PUB 62411.
      - 6. Connection of Terminal Equipment or a Communications System to a MEGALINK III Wideband Digital Service/1.544 Mbps.
        - a. Connection to a MEGALINK III 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 MEGALINK III 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 MEGALINK III 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 MEGALINK III 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 MEGALINK III Wideband digital Service/1.544 Mbps to the telecommunications network or to a 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 the registration Program.

(AT) (1) Obsolete to existing customers.

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Issued: October 6, 1999 Effective: November 5, 1999



(CT)

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MEGALINK IIISM - VIDEBAND DIGITAL SERVICE/1.544 Mbps RECEIVED

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

DEC 9 1991

4.1.2 Regulations-(Continued)

MISSOURI Public Service Commission

- C. Provision of Service-(Continued)
  - 4. When the customer requests a service arrangement which requires the installation of special equipment or modification of standard equipment, and for which provision is not otherwise made in this Tariff, it can be furnished by the Telephone Company subject to additional regulations, rates and charges as specified for Special Service Arrangements in the Rules and Regulations applying to all Customers' Contracts section of the General Exchange Tariff.
  - 5. The Telephone Company has the service responsibility up to and including the Demarcation Point. The Demarcation Point will be provided by the Telephone Company as set forth in Technical Reference PUB 62411.
  - Connection of Terminal Equipment or a Communications System to a MEGALINK III - Wideband Digital Service/1.544 Mbps.
    - a. Connection to a MEGALINK III 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 MEGALINK III 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 MEGALINK III Wideband Digital Service/1.544 Mbps are also made at a demarcation point and must be made in accordance with the following regulations.
    - connection of Terminal Equipment Terminal Equipment may be connected to a MEGALINK III 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 MEGALINK III 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 Technica with the Registration Program.

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Issued: nFC 1

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By R. D. BARRON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff
Section 4
3rd Revised Sheet 2
Replacing 2nd Revised Sheet 2

MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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4.1.2 Regulations-(Continued)

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(CP) C. Provision of Service-(Continued)

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  4. When the customer requests a service arrangement which requires the installation of special equipment or modification of standard equipment, and for which provision is not otherwise made in this tariff, it can be furnished by the Telephone Company subject to additional regulations, rates and charges as specified for Special Service Arrangements in the Rules and Regulations applying to all Customers' Contracts section of the General Exchange Tariff.
- 5. The Telephone Company has the service responsibility up to and including the network interface. The network interface will be provided by the Telephone Company as set forth in Technical Reference PUB 62411.
- 6. Connection of Terminal Equipment or a Communications Syste MAY 9- 1992

  MEGALINK III Wideband Digital Service/1.544 Mbps

  BY ### R.S. 2
  - a. Connection to a MEGALINK III Wideband Digital Public Service Commission 1.544 Mbps terminal equipment, or a communications system Service does not have the capability to transmit signals with encoded analog content via a MEGALINK III 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 MEGALINK III 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 MEGALINK III 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 MEGALINK III 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 the Registration Program.

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Digital Link Services Tariff Section 4 2nd Revised Sheet 2 Replacing 1st Revised Sheet 2

MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps RECEIVED

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

4.1.2 Regulations-(Continued)

SEP 1 2 1988

C. Provision of Service-(Continued)

- MISSOURI **Public Service Commission**
- When the customer requests a service arrangement which requires the installation of special equipment or modification of standard equipment, and for which provision is not otherwise made in this tariff, it can be furnished by the Telephone Company subject to additional regulations, rates and charges as specified for Special Service Arrangements in the Rules and Regulations applying to all Customers' Contracts Section of the General Exchange Tariff.
- The Telephone Company has the service responsibility up to and including the network interface. The network interface will be provided by the Telephone Company as set forth in Technical Reference -PUB 62411.

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Digital Link Services Tariff Section 4 1st Revised Sheet 2 Replacing Original Sheet 2

MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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4.1.2 Regulations-(Continued)

JUN 22 1988

C. Provision of Service-(Continued)

MISSOURI **Public Service Commission** 

- When the customer requests a service arrangement which requires the installation of special equipment or modification of standard equipment, and for which provision is not otherwise made in this Tariff, it can be furnished by the Telephone Company subject to additional regulations, rates and charges as specified for Special Service Arrangements in the Rules and Regulations applying to all Customers' Contracts Section of the General Exchange Tariff.
- 5. The Telephone Company has the service responsibility up to the point of minimum penetration(1) on the customer's premises at which the network interface appears for the customer provided equipment. The network interface will be provided by the Telephone Company as set forth in Technical Reference - PUB 62411.

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Point of Minimum penetration is that point at a customer's premises which is as (1) close as possible to the point where the Telephone Company's network cable or outside distribution service components enter the customer's premises.

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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Digital Link Services Tariff
Section 4
Original Sheet 2

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MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 MISSO E

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4.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

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4.1.2 Regulations-(Continued)

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C. Provision of Service-(Continued)

- 4. When the customer requests a service arrangement which requires the installation of special equipment or modification of standard equipment, and for which provision is not otherwise made in this Tariff, it can be furnished by the Telephone Company subject to additional regulations, rates and charges as specified for Special Service Arrangements in the Rules and Regulations applying to all Customers' Contracts Section of the General Exchange Tariff.
- 5. The Telephone Company has the service responsibility up to the point of minimum penetration(1) on the customer's premises at which the network interface appears for the customer provided equipment. The network interface will be provided by the Telephone Company as set forth in Technical Reference PUB 62411.
- 6. Connection of Channel Service Units for MEGALINK III Wideband Office FD Service/1.544 Mbps
  - a. The following program is established to accommodate the connection of Channel Service Units (CSU) to MEGALINK HY FARS.#Z Wideband Digital Service/1.544 Mbps during the pendency efficie Commission proposed Rulemaking to modify the Federal Communications (Registration Program) to include such equipment. The program is established in accordance with the Federal Communications Commission's Third Notice of Proposed Rulemaking.
  - b. CSU's of a type listed on the program summary may be connected at the customer's or interexchange customer's premises to a MEGALINK III Wideband Digital Service/1.544 Mbps Channel. (A copy of the program summary is available from the Federal Communications Commission, Room BB300, Washington, D.C. 20554.) Additional types of equipment may be added to the program summary in one of the following ways:
    - (1) By being directly connected to any Telephone Company-provided MEGALINK III Wideband Digital Service/1.544 Mbps as of November 18, 1983.

(1) Point of minimum penetration is that point at a customer's premises which is as close as possible to the point where the Telephone Company's network cable or outside distribution service components enter the customer's premises.

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Effective: CCD 15 1006

Digital Link Services Tariff
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# MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 4.1.2 Regulations-(Continued)
    - C. Provision of Service-(Continued)
    - 6. (Continued)
      - b. (Continued)

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.

- c. Registration Program Effective June 30, 1987, the Federal Communications Commission's Part 68 Rules and Regulations (Registration Program), were amended to require registration of customer provided equipment that directly connected to subrate and 1.544 Mbps digital services after that date. The equipment or system must also comply with the requirements of the Technical Reference Publication 62411.
- d. Grandfathered Equipment Terminal equipment, including its premises wiring and protective apparatus (if any) and multiline terminating systems that were directly connected to 1.544 Mbps digital services as of January 2, 1986 may remain connected and be reconnected to such digital services for the life of the equipment without registration unless subsequently modified.

(AT) (1) Obsolete to existing customers.

Issued: October 6, 1999 Effective: November 5, 1999



Digital Link Services Tariff
Section 4
2nd Revised Sheet 3
Replacing 1st Revised Sheet 3

MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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4.1.2 Regulations-(Continued)

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(CP) C. Provision of Service-(Continued)

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6. (Continued)

b. (Continued)

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.

- c. Registration Program Effective June 30, 1987, the Federal Communications Commission's Part 68 Rules and Regulations (Registration Program), were amended to require registration of customer provided equipment that directly connected to subrate and 1.544 Mbps digital services after that date. The equipment or system must also comply with the requirements of the Technical Reference Publication 62411.
- d. Grandfathered Equipment Terminal equipment, including its premises wiring and protective apparatus (if any) and multiline terminating systems that were directly connected to 1.544 Mbps digital services as of January 2, 1986 may remain connected and be reconnected to such digital services for the life of the equipment without registration unless subsequently modified.

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Digital Link Services Tariff Section 4 1st Revised Sheet 3 Replacing Original Sheet 3

MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 4.1.2 Regulations-(Continued)

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C. Provision of Service-(Continued)

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Issued: JUN 2 2 1988

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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Digital Link Services Tariff Section 4 Original Sheet 3

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MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
- 4.1.2 Regulations-(Continued)
  - C. Provision of Service-(Continued)
    - 6. (Continued)
      - (Continued)



(2) When the manufacturer of the CSU submits a notarized affidavit to the Federal Communications Commission, Chief, Domestic Services Branch, Room BB300, Washington, CANCELLED

JUL 8 1988

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BY ARROWS COMM D.C. 20554, attesting to the following:

The technical requirements are those than posed by the Telephone Company-provided service Public Service OUR! for connections to a Telephone Company-provided service. The technical requirements are those that have been proposed by the Telephone Company to the Federal Communica-

- c. Until expiration of the Program, CSU's that are listed on the Program Summary may be connected to a MEGALINK III - Wideband Digital Service/1.544 Mbps Channel.
- Any CSU connected pursuant to this Program may require modification at the owner's expense in response to the Rules adopted by the Federal Communications Commission.
- CSU's that are connected under the program may remain connected and be moved and reconnected for the life of the equipment, except as may be required in response to the Rules adopted by the Federal Communications Commission.
- The Telephone Company may invoke extraordinary procedures to protect a MEGALINK III - Wideband Digital Service/1.544 Mbps Channel. The extraordinary procedures applied will be the same as those for connection of a communications system to la circuit as found in Paragraph 1.6.14, C.2, of the Private Line Service Tariff. NOV 17 1986

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NOV 17 1986 Effective: SEP-15-1986

Digital Link Services Tariff
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Replacing 4th Revised Sheet 4

(AT) MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 4.1.2 Regulations-(Continued)
    - C. Provision of Service-(Continued)
      - 6. (Continued)
        - e. Interim Program During the pendency of Rulemaking for connection of terminal equipment to digital service, the Federal Communications Commission agreed to allow equipment to be connected under an interim program established by the Telephone Company. Any terminal equipment or multiline terminating system connected pursuant to this Program may require modification in response to the Federal Communications Commission's Rules and Regulations.
        - f. Extraordinary Procedures The Telephone Company may invoke extraordinary procedures to protect a MEGALINK III Wideband Digital Service/1.544 Mbps. The extraordinary procedures applied will be the same as those for connection of a communications system to a circuit (see Extraordinary Procedures, Paragraph 1.6.14, C.2., in the Private Line Service Tariff).
        - g. The placement of the Demarcation Point shall be located in a manner consistent with federal and state regulatory requirements. This location will be at each customer's premises, unless specified otherwise by the customer or building/land owner and agreed to by the Telephone Company.
        - h. MegaLink III Wideband Digital Service/1.544 Mbps may be terminated in a DS1 port of a Telephone Company provided Network Reconfiguration Service (NRS) arrangement at a designated NRS hub location. Additional interoffice channel mileage may be incurred in order to route the MegaLink III service to the hub location. The DS1 port on the NRS arrangement will be considered as a service point on the circuit. Refer to Section 8 of this tariff for additional rules and regulations concerning NRS.

(AT) (1) Obsolete to existing customers.

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By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri



Digital Link Services Tariff
Section 4
4th Revised Sheet 4
Replacing 3rd Revised Sheet 4

(CT) MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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4.1.2 Regulations-(Continued)

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C. Provision of Service-(Continued)

6. (Continued)

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- e. Interim Program During the pendency of Rulemaking for connection of terminal equipment to digital service, the Federal Communications Commission agreed to allow equipment to be connected under an interim program established by the Telephone Company. Any terminal equipment or multiline terminating system connected pursuant to this Program may require modification in response to the Federal Communications Commission's Rules and Regulations.
- f. Extraordinary Procedures The Telephone Company may invoke extraordinary procedures to protect a MEGALINK III Wideband Digital Service/1.544 Mbps. The extraordinary procedures applied will be the same as those for connection of a communications system to a circuit (see Extraordinary Procedures, Paragraph 1.6.14, C.2., in the Private Line Service Tariff).
- g. The placement of the Demarcation Point shall be located in a manner consistent with federal and state regulatory requirements. This location will be at each customer's premises, unless specified otherwise by the customer or building/land owner and agreed to by the Telephone Company.
- h. MegaLink III Wideband Digital Service/1.544 Mbps may be terminated in a DS1 port of a Telephone Company provided Network Reconfiguration Service (NRS) arrangement at a designated NRS hub location. Additional interoffice channel mileage may be incurred in order to route the MegaLink III service to the hub location. The DS1 port on the NRS arrangement will be considered as a service point on the circuit. Refer to Section 8 of this tariff for additional rules and regulations concerning NRS.

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Digital Link Services Tariff
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MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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4.1.2 Regulations-(Continued)

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C. Provision of Service-(Continued)

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Public Service Commission

- 6. (Continued)
  - e. Interim Program During the pendency of Rulemaking for connection of terminal equipment to digital service, the Federal Communications Commission agreed to allow equipment to be connected under an interim program established by the Telephone Company. Any terminal equipment or multiline terminating system connected pursuant to this Program may require modification in response to the Federal Communications Commission's Rules and Regulations.
  - f. Extraordinary Procedures The Telephone Company may invoke extraordinary procedures to protect a MEGALINK III Wideband Digital Service/1.544 Mbps. The extraordinary procedures applied will be the same as those for connection of a communications system to a circuit (see Extraordinary Procedures, Paragraph 1.6.14, C.2., in the Private Line Service Tariff).
  - g. The placement of the Demarcation Point shall be located in a manner consistent with federal and state regulatory requirements, as set forth in the definition of Demarcation Point in Section 2, Paragraph 2.1, preceding.

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Digital Link Services Tariff
Section 4
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MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps
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4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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4.1.2 Regulations-(Continued)

(CP) C. Provision of Service-(Continued)

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BY 2 R.S. \* Public Service Commission

- 6. (Continued)
  - e. Interim Program During the pendency of Rulemaking for connection of terminal equipment to digital Service, the Federal Communications Commission agreed to allow equipment to be connected under an interim program established by the Telephone Company. Any terminal equipment or multiline terminating system connected pursuant to this Program may require modification in response to the Federal Communications Commission's Rules and Regulations.
  - f. Extraordinary Procedures The Telephone Company may invoke extraordinary procedures to protect a MEGALINK III Videband Digital Service/1.544 Mbps. The extraordinary procedures applied will be the same as those for connection of a communications system to a circuit (see Extraordinary Procedures, Paragraph 1.6.14,C.2., in the Private Line Service Tariff).
  - g. The placement of the network interface shall be located in a manner consistent with federal and state regulatory requirements. This location will be at each customer's premises, unless specified otherwise by the customer or building/land owner and agreed to by the Telephone Company.
  - h. The network interface may be placed on each floor of the customer's premises at a mutually agreed upon location, which is accessible to to both the customer and the Telephone Company. This location, which will be common to all services, will take into account technical service parameters and typically will be within twenty-five feet of the PBX, key or multifunction customer premises equipment.
  - i. The Telephone Company may also provide a secondary network interface location at the same customer's premises for high density concentrations of twenty-four or more circuit equivalents (e.g., one 1.544 Mbps or twenty-five or more pairs, or multiplexed services) at locations such as computer centers, command posts, etc.

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Digital Link Services Tariff Section 4 1st Revised Sheet 4 Replacing Original Sheet 4

MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 4.1.2 Regulations-(Continued)

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C. Provision of Service-(Continued)

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- (FC) Connection of Terminal Equipment or a Communications System to a MEGALINK III - Wideband Digital Service/1.544 Mbps
  - Connection to a MEGALINK III 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 MEGALINK III - 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 MEGALINK III -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 MEGALINK III - 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 MEGALINK III - 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

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Digital Link Services Tariff Section 4 Original Sheet 4

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MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544-Mbps

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
- 4.1.2 Regulations-(Continued)
  - C. Provision of Service-(Continued)
    - (Continued)
      - The Program will expire on adoption of final Federal Communications Commission's Rules and Regulations unless sooner canceled, changed or extended.
      - h. CSU's connected under the Program, must also comply with the regulations set forth in Paragraph 7., following.
    - Connection of Terminal Equipment or a Communications SysCANCELLED a MEGALINK III Wideband Digital Service (1977) JUL 8 1988
      - BY PARS.#4 munications system which does not have the capability of Service Commission to transmit signals with encoded analog content visual MISSOURI Connection to a MEGALINK III - Wideband Digital 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 MEGALINK III - Wideband Digital Service/1.544 Mbps are also made at a demarcation point and must be made in accordance with the following regulations.
      - Connection of Terminal Equipment Terminal equipment may be connected to a MEGALINK III - 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 MEGALINK III - Wideband Digitar Service/1.544 Mbps to the telecommunications network, or to a Category I or Category III private line circlet, 17 1986 as identified in the Federal Communications Commission's Rules and Regulations it must be connected in accordance runic Service Commission

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Digital Link Services Tariff
Section 4
4th Revised Sheet 5
Replacing 3rd Revised Sheet 5

(AT) MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 4.1.2 Regulations-(Continued)
    - D. Customer Signal Constraint

All signals generated by the customer's terminal equipment must meet certain signal and formal constraints. Some of these constraints are as listed below. Additional details are set forth in Technical Reference - PUB 62411.

- 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.
- E. Allowance for Interruptions
  - 1. Credit allowances are determined in accordance with regulations set forth in Section 1, Paragraph 1.4.8 of the Private Line Service Tariff.

MEGALINK III - 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.

2. Allowance for Interruptions for MegaLink III Equipped With SecureNet<sup>SM</sup>

MegaLink III service equipped with SecureNet shall be allowed a credit for a single service interruption greater than 2.0 seconds. In no case shall the total amount of credit in a one month bill period exceed 100 percent of the monthly charge for that particular rate element.

To receive a credit for a service interruption after 2.0 seconds, the interruption must occur in that part of the MegaLink III service equipped with SecureNet (e.g., a loop failure on a MegaLink III service would receive credit after a 2.0 second interruption, an interoffice facility failure on the same service would be credited after 30 minutes).

(AT) (1) Obsolete to existing customers.

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Digital Link Services Tariff Section 4 3rd Revised Sheet 5 Replacing 2nd Revised Sheet 5

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MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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4.1.2 Regulations-(Continued)

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D. Customer Signal Constraint

MISSOURI Public Service Commission

All signals generated by the customer's terminal equipment must meet certain signal and formal constraints. Some of these constraints are as listed below. Additional details are set forth in Technical Reference -PUB 62411.

Data Rate: 1.544 Mpbs +/- 75 bps. 1.

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- Consecutive zeros: No more than 15 consecutive zeros may be NOV\_0 5 1999 generated.
- 3. Pulse density: At least 3 pulses in any 24 bit interval.

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  Allowance for Interruptions

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- Allowance for Interruptions

Credit allowances are determined in accordance with regulations set forth in Section 1, Paragraph 1.4.8 of the Private Line Service Tariff.

MEGALINK III - 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.

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MegaLink III service equipped with SecureNet shall be allowed a credit for a single service interruption greater than 2.0 seconds. In no case shall the total amount of credit in a one month bill period exceed 100 percent of the monthly charge for that particular rate element.

To receive a credit for a service interruption after 2.0 seconds, the interruption must occur in that part of the MegaLink III service equipped with SecureNet (e.g., a loop failure on a MegaLink III service would receive credit after a 2.0 second interruption, an interoffice facility failure on the same service would be credited after, minutes).

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Digital Link Services Tariff
Section 4
2nd Revised Sheet 5

Replacing 1st Revised Sheet 5

MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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4.1.2 Regulations-(Continued)

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(MT) D. Customer Signal Constraint

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Public Service Commission All signals generated by the customer's terminal equipment must meet certain signal and formal constraints. Some of these constraints are as listed below. Additional details are set forth in Technical Reference - PUB 62411.

- Data Rate: 1.544 Mpbs +/- 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.
- (MT) E. Allowance for Interruptions

Credit allowances are determined in accordance with regulations set forth in Section 1, Paragraph 1.4.8 of the Private Line Service Tariff.

MEGALINK III - 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.

(CP) 4.1.3 Rate Configuration

4.1.3.1 General

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

- Local Distribution Channel
- Interoffice Channel
- Additional Service Features
- Service Charge

4.1.3.2 Local Distribution Channel

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A Local Distribution Channel is a channel between a customer's premises and the Telephone Company serving office serving that customer premises.

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Effective: OCT 1 1989

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Digital Link Services Tariff Section 4 1st Revised Sheet 5

Replacing Original Sheet 5

MEGALTNK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
- 4.1.2 Regulations-(Continued)

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C. Provision of Service-(Continued)

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with the Registration Program.

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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.

(CP)

- Registration Program Effective June 30, 1987, the Federal Communications Commission's Part 68 Rules and Regulations (Registration Program), were ammended to require registration of customer provided equipment that directly connected to subrate and 1.544 Mbps digital services after that date. The equipment or system must also comply with the requirements of the Technical Reference Publication 62411.
- (CP)
- d. Grandfathered Equipment Terminal equipment, including its premises wiring and protective apparatus (if any) and multiline terminating systems that were directly connected to 1.544 Hbps digital services as of January 2, 1986 may remain connected and be reconnected to such digital services for the life of the equipment without registration unless subsequently modified.

CANCELLED Public Service Commission

FILED 1988

Issued:
JUN 22 1988

By R. D. BARRON, President-Missouri Division

By R. D. Barron, Rell Telephone Company St. Louis, Missouri

JUL 8 1988 88-287

Public Service Commission

Digital Link Services Tariff Section 4 Original Sheet 5

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MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1:544-Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

4.1.2 Regulations-(Continued)

- C. Provision of Service-(Continued)
  - (Continued)
    - (Continued)

with the (1) Registration Program, or (2) it must be of a type listed on the Program Summary provided by the Federal Communications Commission, (see Registration Program and Program Summary list below).

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.

- c. Registration Program A Petition for Rulemaking to modify the Federal Communications Commission's Rules and Regulations (Registration Program) to include certain connections to MEGALINK III - Wideband Digital Service/1.544 Mbps has been filed with the Federal Communications Commission. To accommodate connections during the pendency of that Rulemaking, the Telephone Company has established a Program for handling these requests.
- Program Summary to Accommodate Connections During the Pendency of Rulemaking - Terminal equipment of a type listed on the Program Summary may be connected at the customer's premises ELLED to a MEGALINK III - Wideband Digital Serivce/1 544 MGA

(1) Equipment and systems may be added to the Program JUL 8 n c # Summary in one of the following transfer

BY PORRS.#5 (a) By being directly connected to any Telepublic Commission phone Company-provided MEGALINK III - Wideband Digital Service/1.544 Mbm. vice component or circuit as of November 48 17 1986 1983.

Public Service Commission

Issued: JUL 15 1986

NOV 17 1986 Effective:

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 4
1st Revised Sheet 5.01
Replacing Original Sheet 5.01

# (AT) MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 4.1.2 Regulations-(Continued)
    - E. Allowance for Interruptions-(Continued)
      - 2. Allowance for Interruptions for MegaLink III Equipped With SecureNet-(Continued)

For the MegaLink III service equipped with SecureNet, the credit for a single service interruption greater than 2.0 seconds will be per the following schedule:

## **Credit Allowance Schedule**

MegaLink III Rate Element SecureNet Loop Protection Local Distribution Channel Interoffice Channel Mileage	Credit Per Interruption \$47.50 112.50
<u>Fixed</u>	
0	NA
Over 0 to 4	50.00
Over 4 to 8	50.00
Over 8 to 25	40.00
Over 25 to 50	40.00
Over 50	40.00
Per Mile	
0	NA
Over 0 to 4	25.00
Over 4 to 8	30.00
Over 8 to 25	30.00
Over 25 to 50	30.00
Over 50	30.00
Multiplexing	
DS1 to Voice	100.00
DS1 to DS0	300.00
DS0 to Subrate	
- up to 20 2.4 kbps services	73.50
- up to 10 4.8 kbps services	145.60
- up to 5 9.6 kbps services	278.15
Transfer Arrangement	120.75
(1) Obsolete to existing customers.	

Issued: October 6, 1999 Effective: November 5, 1999



Digital Link Services Tariff Section 4 Original Sheet 5.01

MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 Mbps

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(AT) 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

JAN 28 1994

4.1.2 Regulations-(Continued)

MISSOURI
Public Service Commission

- E. Allowance for Interruptions-(Continued)
  - Allowance for Interruptions for MegaLink III Equipped With SecureNet-(Continued)

For the MegaLink III service equipped with SecureNet, the credit for a single service interruption greater than 2.0 seconds will be per the following schedule:

## Credit Allowance Schedule

MegaLink III Rate Element	Credit Per Interruption
SecureNet Loop Protection	\$47.50
Local Distribution Channel	112.50
Interoffice Channel Mileage	

Fixed 0	NA	CANCELLED
Over 0 to 4	50.00	
Over 4 to 8	50.00	NOV 0 5 1999
Over 8 to 25	40.00	10,0¢#5,0l
Over 25 to 50	40.00	Commission
0ver 50	40.00	Pulsourission MISSOURI
Per Mile		•••
0	NA	
Over 0 to 4	25.00	
Over 4 to 8	30.00	
Over 8 to 25	30.00	
Over 25 to 50	30.00	
Over 50	30.00	
Multiplexing		
DS1 to Voice	100.00	
DS1 to DS0	300.00	בוו בר
DSO to Subrate		FII_ED
- up to 20 2.4 kbps services	73.50	
- up to 10 4.8 kbps services	145.60	
- up to 5 9.6 kbps services	278.15	MAR 2 1994
Transfer Arrangement	120.75	MISSOURI
		Public Service Commission

Issued: FEB 0 1 1994

Effective: MAR 0 2 1994

Digital Link Services Tariff
Section 4
6th Revised Sheet 6
Replacing 5th Revised Sheet 6

# (AT) MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

#### 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

#### 4.1.3 Rate Configuration

#### 4.1.3.1 General

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

- Local Distribution Channel
- Interoffice Channel
- Additional Service Features
- Service Charge

#### 4.1.3.2 Local Distribution Channel

A Local Distribution Channel is a channel between a customer's premises and the Telephone Company serving office serving that customer premises.

#### 4.1.3.3 Interoffice Channel

Interoffice Channel is defined as the component of the service between two Telephone Company Serving Offices, between a Serving Office and a Telephone Company designated Digital or NRS Hub, or between two Digital or NRS Hub locations. The Serving Offices may be located in the same exchange area, as in a multioffice metropolitan exchange, or may be located in different exchange areas.

Interoffice Channel mileage charges include a fixed charge and a per mile charge which is based on the Vertical and Horizontal (V-H) distance between Serving Offices, Serving Office and Digital or NRS Hubs, or between exchanges, measured in whole miles. Fractional miles are rounded to the next whole mile. V-H coordinates for Serving Offices and designated Digital or NRS Hubs can be found in the appropriate National Exchange Carrier Association, Inc.'s Wire Center Information Tariff.

#### (AT) (1) Obsolete to existing customers.

Issued: October 6, 1999 Effective: November 5, 1999

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Digital Link Services Tariff Section 4

5th Revised Sheet 6

Replacing 4th Revised Sheet 6

# MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 BECEIVED

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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(TM) 4.1.3 Rate Configuration

MISSOURI Public Service Commission

4.1.3.1 General

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

- Local Distribution Channel
- Interoffice Channel
- Additional Service Features
- Service Charge

4.1.3.2 Local Distribution Channel

Public Service Commission

A Local Distribution Channel is a channel between a customer's premises and the Telephone Company serving office serving that customer premises.

4.1.3.3 Interoffice Channel

Interoffice Channel is defined as the component of the service between two Telephone Company Serving Offices, between a Serving Office and a Telephone Company designated Digital or NRS Hub, or between two Digital or NRS Hub locations. The Serving Offices may be located in the same exchange area, as in a multioffice metropolitan exchange, or may be located in different exchange areas.

Interoffice Channel mileage charges include a fixed charge and a per mile charge which is based on the Vertical and Horizontal (V-H) distance between Serving Offices, Serving Office and Digital or NRS Hubs, or between exchanges, measured in whole miles. Fractional miles are rounded to the next whole mile. V-H coordinates for Serving Offices and designated Digital or NRS Hubs can be found in the appropriate National Exchange Carrier Association, Inc.'s Wire Center Information Tariff.

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Digital Link Services Tariff
Section 4
4th Revised Sheet 6
Replacing 3rd Revised Sheet 6

- (CT) MEGALINK IIIR WIDEBAND DIGITAL SERVICE/1.544 MbpRECEIVED
- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

JUN 30 1992

4.1.3 Rate Configuration-(Continued)

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4.1.3.3 Interoffice Channel

Interoffice Channel is defined as the component of the service between two Telephone Company Serving Offices, between a Serving Office and a Telephone Company designated Digital or NRS Hub, or between two Digital or NRS Hub locations. The Serving Offices may be located in the same exchange area, as in a multioffice metropolitan exchange, or may be located in different exchange areas.

Interoffice Channel mileage charges include a fixed charge and a per mile charge which is based on the Vertical and Horizontal (V-H) distance between Serving Offices, Serving Office and Digital or NRS Hubs, or between exchanges, measured in whole miles. Fractional miles are rounded to the next whole mile. V-H coordinates for Serving Offices and designated Digital or NRS Hubs can be found in the appropriate National Exchange Carrier Association, Inc.'s Wire Center Information Tariff.

- 4.1.3.4 Additional Service Features
- A. Automatic Protection Capability

The Automatic Protection Capability (APC) Service Feature, 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) and/or Interoffice Channel(s) are not included with the Automatic Protection Capability. They must be ordered separately at the rates and charges specified in Paragraph 4.1.4, following.

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BY JA R. S. # 6

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Public Service Commission

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Digital Link Services Tariff Section 4 3rd Revised Sheet 6 Replacing 2nd Revised Sheet 6

MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

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4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

SEP 25 1989

(CP) 4.1.3 Rate Configuration-(Continued)

4.1.3.3 Interoffice Channel

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Interoffice Channel is defined as the component of the service between two Telephone Company Serving Offices, or between a Serving Office and a Telephone Company designated Digital Hub. The Serving Offices may be located in the same exchange area, as in a multioffice metropolitan exchange, or may be located in different exchange areas.

Interoffice Channel mileage charges include a fixed charge and a per mile charge which is based on the Vertical and Horizontal (V-H) distance between Serving Offices, Serving Office and Digital Hub, or between exchanges, measured in whole miles. Fractional miles are rounded to the next whole mile. V-H coordinates for Serving Offices and designated Digital Hubs can be found in the appropriate National Exchange Carrier Association Inc. Wire Center Information Tariff.

#### 4.1.3.4 Additional Service Features

A. Automatic Protection Capability

The Automatic Protection Capability (APC) Service Feature, 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) and/or Interoffice Channel(s) are not included with the Automatic Protection Capability. They must be ordered separately at the rates and charges specified in Paragraph 4.1.4, following.

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AUG 10 1992 BY 4th R.S. 6 Public Service Commission

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Issued: SEP 2 5 1989

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Digital Link Services Tariff
Section 4

Section 4

2nd Revised Sheet 6

Replacing 1st Revised Sheet 6

MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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4.1.2 Regulations-(Continued)

SEP 12 1988

C. Provision of Service-(Continued)

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Public Service Commission

- 6. (Continued)
  - e. Interim Program During the pendency of Rulemaking for connection of terminal equipment to digital services, the Federal Communications Commission agreed to allow equipment to be connected under an interim program established by the Telephone Company. Any terminal equipment or multiline terminating system connected pursuant to this Program may require modification in response to the Federal Communications Commission's Rules and Regulations.
  - f. Extraordinary Procedures The Telephone Company may invoke extraordinary procedures to protect a MEGALINK III Wideband Digital Service/1.544 Mbps. The extraordinary procedures applied will be the same as those for connection of a communications system to a circuit (see Extraordinary Procedures, Paragraph 1.6.14,C.2., in the Private Line Service Tariff).
  - g. The placement of the network interface shall be located in a manner consistent with federal and state regulatory requirements. This location will be at each customer's premises, unless specified otherwise by the customer or building/land owner and agreed to by the Telephone Company.
  - h. The network interface may be placed on each floor of the customer's premises at a mutually agreed upon location, which is accessible to both the customer and the Telephone Company. This location, which will be common to all services, will take into account technical service parameters and typically will be within twenty-five feet of the PBX, key or multifunction customer premises equipment.
  - i. The Telephone Company may also provide a secondary network interface location at the same customer's premises for high density concentrations of twenty-four or more circuit equivalents (e.g., one 1.544 Mbps or twenty-five or more pairs, or multiplexed services) at locations such a computer centers, command posts, etc.

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Digital Link Services Tariff
Section 4
1st Revised Sheet 6
Replacing Original Sheet 6

MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
- 4.1.2 Regulations-(Continued)

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C. Provision of Service-(Continued)

JUN 22 1988

(FC) 6. (Continued)

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e. Interim Program - During the pendency of Rulemaking for connection of terminal equipment to digital services, the Federal Communications Commission agreed to allow equipment to be connected under an interim program established by the Telephone Company. Any terminal equipment or multiline terminating system connected pursuant to this Program may require modification in response to the Federal Communications Commission's Rules and Regulations.

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f. Extraordinary Procedures - The Telephone Company may invoke extraordinary procedures to protect a MEGALINK III - Wideband Digital Service/1.544 Mbps. The extraordinary procedures applied will be the same as those for connection of a communications system to a circuit (see Extraordinary Procedures, Paragraph 1.6.14,C.2., in the Private Line Service Tariff).

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BY <u>And R.S.#-6</u>
Public Service Commission
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Effective: JUL 8 1988 FILED

Digital Link Services Tariff Section 4 Original Sheet 6

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MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
- 4.1.2 Regulations-(Continued)
  - C. Provision of Service-(Continued)
    - (Continued)
      - (Continued)
        - (1) (Continued)
          - When the manufacturer of the terminal equipment submits a notarized affidavit to the Federal Communications Commission, Chief, Domestic Services Branch, Room BB300, Washington, D.C. 20554, attesting to the following:
  - The equipment or system meets the proposed technical requirements for connections to a MEGALINK III - Wideband Digital Service/ Commission for inclusion in the Rules and Regulations by the Federal Communications Commission Industry Ad Hoc Task Group on Digital Interfaces (Copy available from the Federal Commission, Room BB300
    - quirements of the Technical Reference Publication 62411.
    - Until expiration of the Program, terminal equipment that is listed on the Program Summary may be connected to a MEGALINK III - Wideband Digital Service/1.544 Mbps.
    - (3) Any terminal equipment or multiline terminating-systemconnected pursuant to this Program may require modifies cation in response to the Federal Communications Commission's Rules and Regulations. **NOV 1** 7 1986

Public Service Commission

NOV 17 1986

Issued: JUL 15 1986 Effective JLI I 3 1500

By R. D. BARRON, President-Missouri Division - Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff
Section 4
4th Revised Sheet 7
Replacing 3rd Revised Sheet 7

(AT) MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

#### 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

- 4.1.3 Rate Configuration
  - 4.1.3.4 Additional Service Features
    - A. Central Office Multiplexing
      - 1. 1.544 Mbps (DS1) to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel of this DS1 to the Hub can also be used for Digital Data, Program Audio, Metallic Service or WATS Access Lines.

2. 1.544 Mbps (DS1) to 64.0 kbps (DS0)

An arrangement that converts a 1.544 Mbps Channel to 23 DS0 channels (54.0 kbps) utilizing digital time division multiplexing.

3. 64.0 kbps (DS0) to Subrate

An arrangement that converts a 64.0 kbps channel to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using digital time division multiplexing.

B. 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 Paragraph 4.1.4, following.

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 the Private Line Service Tariff for this purpose. The control key must be provided by the customer.

(AT) (1) Obsolete to existing customers.

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Issued: October 6, 1999 Effective: November 5, 1999



Digital Link Services Tariff
Section 4
3rd Revised Sheet 7
Replacing 2nd Revised Sheet 7

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MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OR SERVICES-(Continued)

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4.1.3 Rate Configuration-(Continued)

JAN 28 1994

(RT) 4.1.3.4 Additional Service Features

MISSOURI
Public Service Commission

(FC) A. Central Office Multiplexing

1. 1.544 Mbps (DS1) to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel of this DS1 to the Hub can also be used for Digital Data, Program Audio, Metallic Service or WATS Access Lines.

2. 1.544 Mbps (DS1) to 64.0 kbps (DS0)

An arrangement that converts a 1.544 Mbps Channel to 23 DSO channels (54.0 kbps) utilizing digital time division multiplexing.

3. 64.0 kbps (DSO) to Subrate

An arrangement that converts a 64.0 kbps channel to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using digital time division multiplexing.

(FC) B. 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 Paragraph 4.1.4, following.

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 the Private Line Service Tariff for this purpose. The control key must be provided by the customer.

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Issued: FEB 0 1 1994

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Digital Link Services Tariff
Section 4
2nd Revised Sheet 7
Replacing 1st Revised Sheet 7

MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OR SERVICES-(Continued)

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(CP) 4.1.3 Rate Configuration-(Continued)

SEP 25 1989

4.1.3.4 Additional Service Features-(Continued)

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Public Service Commission

- B. Central Office Multiplexing
  - 1. 1.544 Mbps (DS1) to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel of this DS1 to the Hub can also be used for Digital Data, Program Audio, Metallic Service or WATS Access Lines.

2. 1.544 Mbps (DS1) to 64.0 kbps (DS0)

An arrangement that converts a 1.544 Mbps Channel to 23 DSO channels (54.0 kbps) utilizing digital time division multiplexing ANCELLED

3. 64.0 kbps (DSO) to Subrate

An arrangement that converts a 64.0 kbps channel to substitute of up at 7 to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using . Service Commission By 3 arrangement that converts a 64.0 kbps channel to substitute of up at 7 to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using . By 3 arrangement that converts a 64.0 kbps channel to substitute of up at 7 to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using . By 3 arrangement that converts a 64.0 kbps channel to substitute of up at 7 to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using . By 3 arrangement that converts a 64.0 kbps channel to substitute of up at 7 to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using . By 3 arrangement that converts a 64.0 kbps channel to substitute of up at 7 to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using . By 3 arrangement that converts a 64.0 kbps channel to substitute of up at 7 to twenty 2.4 kbps channels using . By 3 arrangement that converts a 64.0 kbps channel to substitute of up at 7 to twenty 2.4 kbps channels using . By 3 arrangement that converts a 64.0 kbps channel to substitute of up at 7 to twenty 2.4 kbps channels using . By 3 arrangement that converts a 64.0 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to substitute of up at 7 to twenty 2.4 kbps channel to twenty 2.4 kbps channel to twenty 2.4 kbps channel to

C. 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 Paragraph 4.1.4, following.

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 the Private Line Service Tariff for this purpose. The control key must be provided by the customer.

4.1.3.5 Service Charge

A service charge applies per point of termination installed or moved as provided in Paragraph 4.1.4, following.

Issued: SEP 2 5 1989

Effective: OCT 1

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Digital Link Services Tariff
Section 4
1st Revised Sheet 7
Replacing Original Sheet 7

MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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4.1.2 Regulations-(Continued)

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#### D. Customer Signal Constraint

All signals generated by the customer's terminal equipment must meet certain signal and formal constraints. Some of these constraints are as listed below. Additional details are set forth in Technical Reference - PUB 62411.

- Data Rate: 1.544 Mpbs +/- 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.

Issued:

JUN 2 2 1988

Effective: JUL 8 1988

FILED

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

JUL 8 1988 88-287

Public Service Commission

Digital Link Services Tariff Section 4 Original Sheet 7

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MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
- ~4.1.2 Regulations-(Continued)
  - C. Provision of Service-(Continued)
    - 7. (Continued)
      - d. (Continued)

- REGEIVED JUL 1 1 1986 MISSOURI Public Service Commission
- Terminal equipment and multiline terminating systems that are connected under the Program may remain connected and be moved and reconnected for the life of the equipment or system, except as may be required in response to the Federal Communications Commission's Rules and Regulations.
- (5) The Telephone Company may invoke extraordinary procedures to protect a MEGALINK III - Wideband Digital Service/1.544 Mbps. The extraordinary procedures applied will be the same as those for connection of a communications system to a circuit (see Extraordinary Procedures, Paragraph 1.6.14, C.2., in the Private Line Service Tariff).
- (6) The Program will expire on adoption of the final Federal Communications Commission's Rules and Regulations, unless sooner canceled, changed or extended.
- D. Customer Signal Constraint

CANCELLED All signals generated by the customer's terminal equipment must be meet certain signal and formal constraints. Some of these confidence 8straints are as listed below. Additional details are set forth pl.5.#1 Public Service Commission in Technical Reference - PUB 62411. MISSOURI

1. Data Rate: 1.544 Mpbs +/- 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. NOV 1 7 1986

Public Sance Commission

Issued: JUL 15 1986

Effective:

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

(RT)

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 4 2nd Revised Sheet 7.01 Replacing 1st Revised Sheet 7.01

(AT) MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 4.1.3 Rate Configuration
    - 4.1.3.4 Additional Service Features
      - C. SecureNet<sup>SM</sup>

SecureNet is provided as an inherent feature of MegaLink III service. It provides automatic restoration capabilities which prevent service interruption in the event of a single facility break or a single loop electronics failure. SecureNet is available with point-to-point MegaLink III service and is available only where fiber optic facilities are used to provide the MegaLink III service.

The automatic restoration capabilities are provided through the use of intelligent components which are capable of sensing transmission failure in the fiber facilities. The primary and secondary transmission paths are separately routed in geographically and physically separate fiber optic cables up to the point nearest the customer's premises that route redundancy can be achieved. In the event of a transmission failure caused by a single facility break or a single loop electronics failure, the intelligent components will automatically switch the MegaLink III service to the secondary transmission path within 2.0 seconds.

In the event a facility break occurs in that portion of the MegaLink III service for which route redundancy could not be achieved, the Telephone Company cannot guarantee automatic restoration of the customer's service within 2.0 seconds, and a credit as set forth in 4.1.2, E. 2. preceding will not apply.

SecureNet is available at those serving wire centers where equipment and facilities are available. Special Construction charges may apply when fiber optic facilities are not available or unusual expenditures are involved in making them available to provide this feature.

The SecureNet option available is Loop Protection. This feature provides automatic restoration of the MegaLink III service local distribution channel and physical route redundancy from the nearest point to the customer's premises that route redundancy can be achieved to the customer's serving wire center in the event of a single loop failure.

(AT) (1) Obsolete to existing customers.

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Issued: October 6, 1999 Effective: November 5, 1999



Digital Link Services Tariff Section 4 1st Revised Sheet 7.01 Replacing Original Sheet 7.01

MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OR SERVICES-(ConCANCELLED

AUG 26 1996

4.1.3 Rate Configuration-(Continued)

4.1.3.4 Additional Service Features-(Continued) NOV 0 5 1999 MISSOURI

C. SecureNet Sm By Commission

Public Service Commission Public Service SecureNet is provided as an inherent feature of MegaLink III service. It

provides automatic restoration capabilities which prevent service interruption in the event of a single facility break or a single loop electronics failure. SecureNet is available with point-to-point MegaLink III service and is available only where fiber optic facilities are used to provide the MegaLink III service.

The automatic restoration capabilities are provided through the use of intelligent components which are capable of sensing transmission failure in the fiber facilities. The primary and secondary transmission paths are separately routed in geographically and physically separate fiber optic cables up to the point nearest the customer's premises that route redundancy can be achieved. In the event of a transmission failure caused by a single facility break or a single loop electronics failure, the intelligent components will automatically switch the MegaLink III service to the secondary transmission path within 2.0 seconds.

In the event a facility break occurs in that portion of the MegaLink III service for which route redundancy could not be achieved, the Telephone Company cannot quarantee automatic restoration of the customer's service within 2.0 seconds, and a credit as set forth in 4.1.2, E. 2. preceding will not apply.

SecureNet is available at those serving wire centers where equipment and facilities are available. Special Construction charges may apply when fiber optic facilities are not available or unusual expenditures are involved in making them available to provide this feature.

The SecureNet option available is Loop Protection. This feature provides automatic restoration of the MegaLink III service local distribution channel and physical route redundancy from the nearest point to the customer's premises that route redundancy can be achieved to the customer's serving wire center in the event of a single loop failure.

Service mark of Southwestern Bell Telephone Company

SEP 26 1996

Issued: AUG 2 6 1996

Effective NO. RELIGIOSE PROFECOMM

By KAREN E. JENNINGS, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

(CT)

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Digital Link Services Tariff Section 4 Original Sheet 7.01

(TA)

MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OR SERVICES-(Continued)

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4.1.3 Rate Configuration-(Continued)

JAN 28 1994

4.1.3.4 Additional Service Features-(Continued)

MISSOURI Public Service Commission

C. SecureNet<sup>SM</sup>

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SEP 26 1990

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Service mark of Southwestern Bell Telephone Company

MAR 2 1994

Issued: FEB 0 1 1994

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Digital Link Services Tariff
Section 4

4<sup>th</sup> Revised Sheet 8
Replacing 3<sup>rd</sup> Revised Sheet 8

(AT) MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 4.1.3 Rate Configuration
    - 4.1.3.5 Service Charge

A service charge applies per point of termination installed or moved as provided in Paragraph 4.1.4, following.

#### 4.1.3.6 Exceptions

In those cases where one customer premises involved in an intraLATA MEGALINK III - Wideband Digital Service/1.544 Mbps is located in a different Local Exchange Telephone Company's operating territory than the other premises location(s) associated with the service, the method of applying rates will be as follows:

- 1. The service components for that portion of the intraLATA MEGALINK III Wideband Digital Service/1.544 Mbps located wholly within each exchange will be rated pursuant to that Local Exchange Telephone Company's tariff.
- 2. The rate for the applicable intraLATA interoffice per mile mileage will be the rate in each Local Exchange Telephone Company's tariff. Each Local Exchange Telephone Company's charge for the per mile mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Company's rate for the airline (V-H) mileage between the appropriate service office or digital hub of each Local Exchange Telephone Company.
- 3. The rate for the applicable intraLATA interoffice fixed mileage charge will be one-half (50 percent) of the rate in each Local Exchange Company's tariff.

(AT) (1) Obsolete to existing customers.

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Southwestern Bell Telephone Company St. Louis, Missouri

By JAN NEWTON, President-Missouri



Digital Link Services Tariff Section 4 3rd Revised Sheet 8 Replacing 2nd Revised Sheet 8

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MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 Mbps RECEIVED

4.1 DESCRIPTION AND APPLICATION OR SERVICES-(Continued)

JAN 28 1994

4.1.3 Rate Configuration-(Continued)

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4.1.3.5 Service Charge

A service charge applies per point of termination installed or moved as provided in Paragraph 4.1.4, following.

4.1.3.6 Exceptions

In those cases where one customer premises involved in an intraLATA MEGALINK III - Wideband Digital Service/1.544 Mbps is located in a different Local Exchange Telephone Company's operating territory than the other premises location(s) associated with the service, the method of applying rates will be as follows:

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- The rate for the applicable intraLATA interoffice fixed mileage charge will be one-half (50 percent) of the rate in each Local Exchange Company's tariff.

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Digital Link Services Tariff
Section 4
2nd Revised Sheet 8
Replacing 1st Revised Sheet 8

MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps
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4.1 DESCRIPTION AND APPLICATION OR SERVICES-(Continued)

SEP 25 1989

(CF) 4.1.3 Rate Configuration-(Continued)

4.1.3.6 Exceptions

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In those cases where one customer premises involved in an intraLATA MEGALINK III - Wideband Digital Service/1.544 Mbps is located in a different Local Exchange Telephone Company's operating territory than the other premises location(s) associated with the service, the method of applying rates will be as follows:

- The service components for that portion of the intraLATA MEGALINK III - Wideband Digital Service/1.544 Mbps located wholly within each exchange will be rated pursuant to that Local Exchange Telephone Company's tariff.
- 2. The rate for the applicable intraLATA interoffice per mile mileage will be the rate in each Local Exchange Telephone Company's tariff. Each Local Exchange Telephone Company's charge for the per mile-mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Company's rate for the airline (V-H) mileage between the appropriate service office or digital hub of each Local Exchange Telephone Company.
- 3. The rate for the applicable intraLATA interoffice fixed mileage charge will be one-half (50 percent) of the rate in each Local Exchange Company's tariff.

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Digital Link Services Tariff Section 4 1st Revised Sheet 8 Replacing Original Sheet 8

MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

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4.1.2 Regulations-(Continued)

JUN 22 1988

B. Allowance for Interruptions

MISSOURI

Public Service Commission Credit allowances are determined in accordance with regulations set forth in Section 1, Paragraph 1.4.8 of the Private Line Service Tariff.

MEGALINK III - 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.

#### 4.1.3 Rate Configuration

#### 4.1.3.1 General

(RT)

(CP) There are five basic rate elements which apply to MEGALINK III -Wideband Digital Service/1.544 Mbps:

- Local Distribution Channels

- Intraexchange Interoffice Channel and Channel Terminals - Interexchange Interoffice Channel and Channel Channel

- Optional Service Functions

- Service Charge

4.1.3.2 Local Distribution Channel

Public Service Commission MISSOURI A Local Distribution Channel is a channel between a customer's premises and the Telephone Company serving office serving that customer. Mileage used to rate the Local Distribution Channel is the direct air line distance measured in quarter mile increments between the customer's premises and the serving office.

4.1.3.3 Intraexchange Interoffice Channel

Intraexchange Interoffice Channel is defined as the component of the service between two serving offices or zones in the metropolitan exchanges for an Intraexchange Service. Charges include a fixed Channel Terminal charge and Channel Mileage which is based on the Vertical and Horizontal (V-H) distance

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

JUL 8 1988 88-287

Public Service Commission

Digital Link Services Tariff Section 4 Original Sheet 8

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MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps常区设置WED

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

4.1.2 Regulations-(Continued)

E. Allowance for Interruptions

JUL 11 1986 MISSONRI Public Service Commission

JUL 8 1988

Credit allowances are determined in accordance with regulations set forth in Section 1, Paragraph 1.4.8 of the Private Line Service Tariff.

MEGALINK III - 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.

## 4.1.3 Rate Configuration

#### 4.1.3.1 General

There are six basic rate elements which apply to MEGALINK III -Wideband Digital Service/1.544 Mbps:

- Local Distribution Channels

- Intraexchange Interoffice Channel and Channel Terminals

- Interexchange Interoffice Channel and Channel Terminals
- Channel Service Unit
- Optional Service Functions

- Optional Service Functions

- Service Charge

4.1.3.2 Local Distribution Channel

A Local Distribution Channel is a channel between a third Service Commission premises and the Telephone Company serving office service customer. Mileage used to rate the distribution of is the direct air line distance measured in quarter mile increments between the customer's premises and the serving office.

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Issued: JUL 15 1986

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Digital Link Services Tariff Section 4 4th Revised Sheet 9 Replacing 3rd Revised Sheet 9

# (AT) MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(3)

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 4.1.4 Rates and Charges-(Continued)
    - A. Local Distribution Channel(2)
    - B. Interoffice Channel Mileage
      - Rate per V-H mile or fraction thereof, per channel

			. Month	ly Rates .
		<u>USOC</u>	<u>Fixed</u>	Per Mile
1. 64	kbps			
Mil	leage Bands			
0 (1	1)	3LBRA	\$20.90	None
Ove	er 0 to 4	3LBRB	56.65	2.50
Ove	er 4 to 8	3LBRC	57.50	2.40
Ove	er 8 to 25	3LBRD	57.60	2.40
Ove	er 25 to 50	3LBRE	57.00	2.35
Ove	er 50	3LBRF	57.00	2.35

2. 1.544 Mbps(2)

- (1) Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64.0 kbps in hubbing offices.
- (AT) (2) See Supplemental Schedule on Sheet 9.01 for current effective rates.
- (AT) (3) Obsolete to existing customers.

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Digital Link Services Tariff Section 4 3rd Revised Sheet 9 Replacing 2nd Revised Sheet 9

MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OR SERVICES-(Continued)

1994 MAY 6

4.1.4 Rates and Charges

MISSOURI

(RT) (RT) Public Service Commission

Local Distribution Channel(2) (AT)

(RT)

- Interoffice Channel Mileage
  - Rate per V-H mile or fraction thereof, per channel

	Monthly Rates			
	<u>USOC</u>	Fixed	Per Mile	
1. 64 kbps				
Mileage Bands				
0 (1)	3LBRA	\$ 20.90	None	
Over 0 to 4	3LBRB	56.65	2.50	
Over 4 to 8	3LBRC	57.50	2.40	
Over 8 to 25	3LBRD	57.60	2.40	
Over 25 to 50	3LBRE	57.00	2.35	
Over 50	3LBRF	57.00	2.35	

(AT)

2. 1.544 Mbps(2)

(RT)

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- (1) Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64.0 kbps in hubbing offices.
- (AT) (2) See Supplemental Schedule for current effective rates.

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APR 1 1 1995

FILED

By HORACE WILKINS, JR., President - Missouri Southwestern Bell Telephone Company St. Louis, Missouri

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Digital Link Services Tariff
Section 4

2nd Revised Sheet 9

Replacing 1st Revised Sheet 9

# MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 MPPECEIVED

4.1 DESCRIPTION AND APPLICATION OR SERVICES-(Continued)

SEP 25 1989

(CP) 4.1.4 Rates and Charges

MISSOURI

Monthly Rates

		USOC		MonthlyC Rate	Service Cservicesion Charge
A.	Local Distribution Channel				
	- Per point of termination	1LDPJ	(CR)	\$225.00	(CR) \$685.00

- B. Interoffice Channel Mileage
  - Rate per V-H mile or fraction thereof, per channel

	<u>usoc</u>	Fixed	Per Mile
1. 64 kbps			
Mileage Bands			
0 (1)  Over 0 to 4  Over 4 to 8  Over 8 to 25  Over 25 to 50  Over 50  CANCELLED  2. 1.544 Mbps	3LBRA 3LBRB 3LBRC 3LBRD 3LBRE 3LBRF	(NR)\$ 20.90 56.65 57.50 57.60 57.00 (NR) 57.00	(NR) None 2.50 2.40 2.40 2.35 (NR) 2.35
Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 50  Mileage Bands  APR 111995  BY 3 MILES COMP  MISSOURI  MISSOURI	SLEND 3LEND 3LEND 3LEND 3LEND 3LENE 3LENF	(NR) None   \$100.00   100.00   80.00   80.00 (NR) 80.00	(NR) None   \$50.00   60.00   60.00   60.00 (NR) 60.00

(1) Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64.0 kbps in hubbing offices.

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Digital Link Services Tariff Section 4 1st Revised Sheet 9 Replacing Orginal Sheet 9

MEGALINK III SM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OR SERVICES-(Continued)

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4.1.3 Rate Configuration-(Continued)

JUN 22 1988

4.1.3.3 Intraexchange Interoffice Channel-(Continued)

MISSOURI

between the serving offices, measured in whole miblis Sorvice Commission miles are rounded to the next whole mile.

Two Channel Terminal charges are required per Intraexchange Interoffice Channel.

4.1.3.4 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.

(RT)

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(RT)

(FC) 4.1.3.5 Optional Service Functions

A. 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

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

JUL 8 1988

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Digital Link Services Tariff Section 4 Original Sheet 9

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MISSOURI

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(MT)

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
- :4.1.3 Rate Configuration-(Continued)
  - 4.1.3.3 Intraexchange Interoffice Channel-(Continued)

between the serving offices, measured in whole miles. Fract miles are rounded to the next whole mile.

Two Channel Terminal charges are required per Intraexchange Interoffice Channel.

4.1.3.4 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.

4.1.3.5 Channel Service Unit (CSU)

A Channel Service Unit or its functional equivalent will be provided by the customer to terminate a MEGALINK III - Wideband Digital Service/1.544 Mbps at the customer's premises.

Channel Service Units installed, owned or on order by the Company prior to November 18, 1983, can be provided by Southwestern Bell Telephone Company. These embedded Channel Service Units may be moved, rearranged or reconnected for the life of the equipment aet are provided by the Telephone Company. One CSU charge applies be Local Distribution Channel.

- 4.1.3.6 Optional Service Functions
- A. Automatic Protection Capability

Service Commission 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 NOV 17 1986 Local Distribution Channel(s) to a spare Local Distribution

Public Senace Commission

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Digital Link Services Tariff
Section 4
Supplemental Schedule
1st Revised Sheet 9.01
Replacing Original Sheet 9.01

\$685.00

# (AT) MEGALINK III<sup>®</sup>- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

A. Local Distribution Channel

- Per point of termination 1LDPJ \$225.00

B. Interoffice Channel Mileage

- Rate per V-H mile or fraction thereof, per channel

	. Monthly Rates	
<u>USOC</u>	<u>Fixed</u>	Per Mile
3LBNA	None	None
3LBNB	\$100.00	\$50.00
3LBNC	100.00	60.00
3LBND	80.00	60.00
3LBNE	80.00	60.00
3LBNF	80.00	60.00
	3LBNA 3LBNB 3LBNC 3LBND 3LBNE	USOC         Fixed           3LBNA         None           3LBNB         \$100.00           3LBNC         100.00           3LBND         80.00           3LBNE         80.00

(AT) (1) Obsolete to existing customers. Pursuant to Section 392.510.3, R.S.Mo. 1994

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By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri



Digital Link Services Tariff
Section 4
Supplemental Schedule
Original Sheet 9.01

# MEGALINK III<sup>R</sup> - WIDEBAND DIGITAL SERVICE/1.544 Mbps

	USOC	Monthly <u>Rate</u>	Service <u>Charge</u>	
Local Distribution Chang	nel			
- Per point of termina	tion 1LDPJ	\$225.00	\$685.00 <b>PECEIVED</b>	
Interoffice Channel Mile	eage			
	fraction		MAY 6 1994	
thereof, per channel			MISSOURI	í O l'
	usoc	MonthlyF Fixed	Per Mile	
1.544 Mbps				
Mileage Bands				
0 Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50	3LBNA 3LBNB 3LBNC 3LBND 3LBNE 3LBNF	None \$100.00 100.00 80.00 80.00 80.00	None \$50.00 60.00 60.00 60.00 60.00	
	- Per point of termina Interoffice Channel Mile - Rate per V-H mile or thereof, per channel  1.544 Mbps  Mileage Bands  O Over O to 4 Over 4 to 8 Over 8 to 25	Local Distribution Channel  - Per point of termination 1LDPJ  Interoffice Channel Mileage  - Rate per V-H mile or fraction thereof, per channel  USOC  1.544 Mbps  Mileage Bands  Over 0 to 4 3LBNA Over 0 to 4 3LBNB Over 4 to 8 3LBNC Over 8 to 25 3LBND Over 25 to 50 3LBNE	USOC Rate  Local Distribution Channel  - Per point of termination 1LDPJ \$225.00  Interoffice Channel Mileage  - Rate per V-H mile or fraction thereof, per channel  Word Fixed  1.544 Mbps  Mileage Bands  0 3LBNA None Over 0 to 4 3LBNB \$100.00 Over 4 to 8 3LBNC 100.00 Over 4 to 8 3LBNC 100.00 Over 8 to 25 3LBND 80.00 Over 25 to 50 3LBNE 80.00	USOC   Rate   Charge

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NOV 0 5 1935 By Service Commission Public MISSOURI

Pursuant to Section 392.510.3, R.S.Mo. 1994

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Effective:

APR 1 1 1995

By HORACE WILKINS, JR., President-Missouri Southwestern Bell Telephone St. Louis, Missouri

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Digital Link Services Tariff
Section 4
3rd Revised Sheet 10
Replacing 2nd Revised Sheet 10

(CT)(AT)

### MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(3)

#### 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

#### 4.1.4 Rates and Charges-(Continued)

#### C. Additional Service Features

1.	Multiplexing	<u>USOC</u>	Monthly . Rate .	Service Charge
	DS1 to Voice (1) - per arrangement	MQ1	\$200.00	None
	DS1 to DS0 - per arrangement	QMU	600.00	None
	DS0 to Subrate (2) - per arrangement - Up to twenty 2.4 kbps services - Up to ten 4.8 kbps services - Up to five 9.6 kbps services	QSU24 QSU48 QSU96	147.00 291.20 556.30	None None None

- (CT) (1) A channel of this DS1 to the Hub can be used for a MEGALINK® Digital Service. For rates for analog voice or data channels used in conjunction with this Multiplex arrangement refer to the Private
- (CT) Line Service Tariff, Section 2. For rates for MEGALINK Digital Services used in conjunction with this Multiplex arrangement refer to the Digital Link Services Tariff, Section 3.
- (CT) (2) For rates for subrate MEGALINK Digital Services (2.4 kbps, 4.8 kbps, 9.6 kbps, etc.) used in conjunction with this Multiplex arrangement refer to the Digital Link Services Tariff, Section 3.
- (AT) (3) Obsolete to existing customers.

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Digital Link Services Tariff
Section 4
2nd Revised Sheet 10
Replacing 1st Revised Sheet 10

MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OR SERVICES-(Continued)

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(CP) 4.1.4 Rates and Charges-(Continued)

SEP 25 1989

C. Additional Service Features

MISSOURI
Public Saivice Commission

		CANCELLED	usoc	Monthly Rate	Service Charge
1.	Multiplexing	NOV 0 5 1999		•	
	DS1 to Voice (1)		ssion		
	DS1 to Voice (1) - per arrangemen <b>put</b> DS1 to DS0	NISSOURI	MQ1 (NR	)\$200.00	None
	DS1 to DS0	-	ļ		
	- per arrangement		QMU	600.00	None
	DSO to Subrate (2)		1		
	- per arrangement				
	- Up to twenty 2. services		SU24	147.00	None
	- Up to ten 4.8 k services	•	SU48	291.20	None
	- Up to five 9.6 services	•	SU96 (NR	) <sup>-</sup> <b>556.</b> 30	None

- 1. A channel of this DS1 to the Hub can be used for a MEGALINK II Premium Digital Service. For rates for analog voice or data channels used in conjunction with this Multiplex arrangement refer to the Private Line Service Tariff, Section 2. For rates for MEGALINK II Premium Digital Services used in conjunction with this Multiplex arrangement refer to the Digital Link Services Tariff, Section 3.
- For rates for subrate MEGALINK II Premium Digital Services (2.4 kbps, 4.8 kbps, 9.6 kbps) used in conjunction with this Multiplex arrangement refer to the Digital Link Services Tariff, Section 3.

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Digital Link Services Tariff
Section 4
1st Revised Sheet 10
Replacing Original Sheet 10

MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps RECEIVED

4.1 DESCRIPTION AND APPLICATION OR SERVICES-(Continued)

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4.1.3 Rate Configuration-(Continued)

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(FC) 4.1.3.5 Optional Service Functions-(Continued)

MISSOURI
Public Service Commission

A. Automatic Protection Capability-(Continued)

Channel. The customer is responsible for circuit compatibility with existing Central Office equipment.

Spare Local Distribution Channel(s) and/or Interoffice Channel(s) are not included with the Automatic Protection Capability. They must be ordered separately at the rates and charges specified in Paragraph 4.1.4, following.

B. 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 Paragraph 4.1.4, following.

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 the Private Line Service Tariff for this purpose. The control key must be provided by the customer.

(FC) 4.1.3.6 Service Charge

A service charge applies per point of termination installed or moved as provided in Paragraph 4.1.4, following.

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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Digital Link Services Tariff Section 4 Original Sheet 10

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MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.5491696

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
- 4.1.3 Rate Configuration-(Continued)
- 4.1.3.6 Optional Service Functions-(Continued)
  - A. Automatic Protection Capability-(Continued)

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Public Service Commission

Channel. The customer is responsible for circuit compatibility with existing Central Office equipment.

Spare Local Distribution Channel(s) and/or Interoffice Channel(s) are not included with the Automatic Protection Capability. They must be ordered separately at the rates and charges specified in Paragraph 4.1.4, following.

B. 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 Paragraph 4.1.4, following.

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 the Private Line Service Tariff for this purpose. The control key must be provided by the customer.

4.1.3.7 Service Charge

A service charge applies per point of termination installed or moved as provided in Paragraph 4.1.4, following.

CANCELLED

JUL 8 1988

BY 10 LS.# 10

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MISSOURI

NOV 17 1986

Public Service Commission

Issued: JUL 15 1986

NOV 17 1986
Effective: 3CI 13 1986

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

(CT)

Digital Link Services Tariff
Section 4
5th Revised Sheet 10.01
Replacing 4th Revised Sheet 10.01

(AT) MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(3)

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 4.1.4 Rates and Charges-(Continued)
    - C. Additional Service Features-(Continued)

	Transfer Arrangement (key activated)(1)	<u>USOC</u>	Monthly . Rate .	Service Charge
	- per four port arrangement including control channel termination (2)	VUTDS	\$241.50	\$235.00
3.	SecureNet			
	- Per local distribution channel	P7T	No Charge	No Charge

- (1) The key activated control channel is rated as a metallic channel. Charges for a series 100 Special Signaling Service Channel as described in the Private Line Service Tariff are applicable.
- (2) An additional Local Distribution Channel Charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional interoffice channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.
- (AT) (3) Obsolete to existing customers.

Issued: October 6, 1999 Effective: November 5, 1999



Digital Link Services Tariff Section 4

Ath Revised Cheen M [6] Replacing 3rd Revised State 10.01

MEGALINK III R - WIDEBAND DIGITAL SERVICE/1.544Mbps

AUG 26 1996

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 4.1.4 Rates and Charges-(Continued)

MISSOURI Public Service Commission

C. Additional Service Features-(Continued)

		<u>UŞOC</u>	Monthly <u>Rate</u>	Service <u>Charge</u>
2.	Transfer Arrangement (key activated)(1)			
	<ul> <li>per four port arrangement including control channel termination (2)</li> </ul>	VUTDS	241.50	235.00
3.	SecureNet			
	- Per local distribution channel	P7T	(DR)No Charge	(DR)No Charge

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By Service Commission
Public Service OURI

(1) The key activated control channel is rated as a metallic channel. Charges for a series 100 Special Signaling Service Channel as described in the Private Line Service Tariff are applicable.

(2) An additional Local Distribution Channel Charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional interoffice channel mileage charges will also apply when the transfel arrangement is not located in the customer premises serving wire center.

SEP 26 1996

Issued: AUG 2 6 1995

Effective:

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By KAREN E. JENNINGS, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff Section 4 3rd Revised Sheet 10.01 Replacing 2nd Revised Sheet 10.01

MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

RECEIVED

4.1.4 Rates and Charges-(Continued)

MAY 6 1994

C. Additional Service Features-(Continued)

MISSOURI Public Service Commission

		usoc	Monthly Rate	Service Charge
2.	Transfer Arrangement (key activated)(1)			
	<ul> <li>per four port arrangement including control channel termination(2)</li> </ul>	VUTDS	241.50	235.00
3.	SecureNet			
	- Per local distribution channel	P7T	95.00	668.00

FILED

APR 1 1 1995

 The key activated control channel is rated as a metallic channel. Charges for a series 100 Special Signaling Service Channel as described in the Private Line Service Tariff are applicable.

(2) An additional Local Distribution Channel Charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional interoffice channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

Issued: MAY 2 6 1994

Effective: APR 11 1995 מידום שי חסס

Digital Link Services Tariff Section 4 2nd Revised Sheet 10.01 Replacing 1st Revised Sheet 10.01 Original Sheet 11 1st Revised Sheet 12

CT)

# MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 MERECEIVED

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

JAN 28 1994

4.1.4 Rates and Charges-(Continued)

C. Additional Service Features-(Continued)

MISSOURI **Public Service Commission** 

Service Monthly USOC Rate Charge

(RT)

(RT)

CT)

(FC) Transfer Arrangement

(CT) (key activated)(1)

> - per four port arrangement including control channel termination(2)

**VUTDS** 241.50 235.00

SecureNet

- Per local distribution channel

95.00 (NR) 668.00 P7T (NR)

APR 11 1995

(RT)

(RT)

The key activated control channel is rated as a metallic channel. Charges (FC) (1)for a series 100 Special Signaling Service Channel as described in the Private Line Service Tariff are applicable.

(FC) (2) An additional Local Distribution Channel Charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional interoffice channel mileage charges will also apply when the tran arrangement is not located in the customer premises serving wire being

Issued:

FEB 0 1 1994

Effective: MAR 0 2 1994

MAR 2

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relation MISSOURI

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relation MISSOURI

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relation MISSOURI St. Louis, Missouri

Digital Link Services Tariff
Section 4
1st Revised Sheet 10.01
Replacing Original Sheet 10.01
Original Sheet 11
1st Revised Sheet 12
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MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

SEP 25 1989

(CP) 4.1.4 Rates and Charges-(Continued)

MESOURI

Public Service Commission

C. Additional Service Features-(Continued)

USOC Rate Charge

2. Automatic Protection
Capability, per Central
office arrangement(1)

VUSDS (CR) \$736.10 (CR) \$210.00

 Transfer Arrangement (key activated)(2)

> per four port arrangement including control channel termination(3)

VUTDS (CR) 241.50 (CR) 235.00

CANCELLED

Public Service Commission MISSOURI

(1) An additional Local Distribution Channel charge will apply whenever the spare line is provided as a leg to the customers premises.

(2) The key activated control channel is rated as a metallic channel. Charges for a series 100 Special Signaling Service Channel as described in the Private Line Service Tariff are applicable.

(3) An additional Local Distribution Channel Charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional interoffice channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

Issued: SEP 2 5 1989

FILED Effective: 30T 1 1989

By R. D. BARRON, President-Missouri Division 89-14

Southwestern Bell Telephone Company Public Service Commission

St. Louis, Missouri

Digital Link Services Tariff
Section 4
Original Sheet 10.01

MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 MbpsRECEIVED

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

MAY 2 1988

4.1.3 Rate Configuration-(Continued)

MISSOURI
Public Service Commission

(AT) 4.1.3.8 Exceptions

In those cases where one customer premises involved in an intraLATA interexchange MEGALINK III - Wideband Digital Service/1.544 Mbps is located in a different Local Exchange Telephone Company's operating territory than the other premises locations(s) associated with the service, the method of applying rates will be as follows:

- The service components for that portion of the intraLATA interexchange MEGALINK III - Wideband Digital Service/1.544 Mbps located wholly within each exchange will be rated pursuant to that Local Exchange Telephone Company's tariff.
- 2. The rate for the applicable intraLATA interexchange/interoffice per mile mileage will be the rate in each Local Exchange Telephone Company's tariff. Each Local Exchange Telephone Company's charge for the per mile mileage element is based on the route mile ownership ratio multiplied by the Local Exchange Company's rate for the airline (V-H) mileage between the appropriate service office of each Local Exchange Telephone Company.

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JUL 1 1988 84-222 et al. Public Service Commission

Issued: MAY 2 1988

Effective:

JUL 1 1988

Digital Link Services Tariff
Section 4
3rd Revised Sheet 11
Replacing 2nd Revised Sheet 11

## (AT) MEGALINK III®- WIDEBAND DIGITAL SERVICE/1.544 Mbps(1)

## 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

## 4.1.5 Pricing Flexibility

The Telephone Company provides for pricing flexibility in the form of rate banding for MegaLink III service in the state of Missouri. The Telephone Company may charge a different monthly rate from the current monthly rate, but between the minimum and maximum rates, upon notice to the Missouri Public Service Commission.

Rate banding is available for two rate elements, the local distribution channel and the interoffice channel both fixed and per mile. Current rates and charges are set forth in 4.1.4 preceding. Rate bands are as follows:

		. Monu	my Kate .
	<u>USOC</u>	Minimum	Maximum
A. Local Distribution Channel	1LDPJ	\$146.00	\$225.00

## B. Interoffice Channel Mileage

- Rate per V-H mile or fraction thereof, per channel

-		. Monthly Rates			
		Fixe	Fixed		Mile
	<u>USOC</u>	<b>Minimum</b>	<b>Maximum</b>	<u>Minimum</u>	Maximum
1. 1.544 Mbps					
Mileage Bands					
0	3LBNA	\$ None	\$ None	\$ None	\$ None
Over 0 to 4	3LBNB	65.00	100.00	32.50	50.00
Over 4 to 8	3LBNC	65.00	100.00	39.00	60.00
Over 8 to 25	3LBND	52.00	80.00	39.00	60.00
Over 25 to 50	3LBNE	52.00	80.00	39.00	60.00
Over 50	3LBNF	52.00	80.00	39.00	60.00

## (AT) (1) Obsolete to existing customers.

Issued: October 6, 1999 Effective: November 5, 1999

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Digital Link Services Tariff
Section 4

Replacing 1st Review Property

MEGALINK III - WIDEBAND DIGITAL SERVICE/1.544 Mbps

AUG 26 1996

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

## 4.1.5 Pricing Flexibility

## MISSOURI Public Service Commission

The Telephone Company provides for pricing flexibility in the form of rate banding for MegaLink III service in the state of Missouri. The Telephone Company may charge a different monthly rate from the current monthly rate, but between the minimum and maximum rates, upon notice to the Missouri Public Service Commission.

Rate banding is available for two rate elements, the local distribution channel and the interoffice channel both fixed and per mile. Current rates and charges are set forth in 4.1.4 preceding. Rate bands are as follows:

		<u>USOC</u>	<u>Monthly Rate</u>	
			<u>Min</u> imum	<u>Maximum</u>
Α.	Local Distribution Channel	1LDPJ	\$146.00	\$225.00

B. Interoffice Channel Mileage - Rate per V-H mile or fraction thereof, per channel

	,		Monthly Rates				
	,		<u>Fi</u>	xed	<u>Per Mile</u>		
		<u>USOC</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>	Maximum	
1.	1.544 Mbps						
	Mileage Bands						
	0	3LBNA	\$ None	<pre>\$ None</pre>	\$ None	\$ None	
	Over 0 to 4	3LBNB	65.00	100.00	32.50	50.00	
	Over 4 to 8	3LBNC	65.00	100.00	39.00	60.00	
	Over 8 to 25	3LBND	52.00	80.00	39.00	60.00	
	Over 25 to 50	3LBNE	52.00	80.00	39.00	60.00	
	Over 50	3LBNF	52.00	80.00	39.00	60.00	

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NOV 0 5 1999

By Service Commission
Public Service MISSOURI

FILED

SEP 25 1996

MO.PUBLICSERVICE COMM

Issued: AUG 2 6 1996

Effective:

SEP 2 6 1996

Digital Link Services Tariff
Section 4
1st Revised Sheet 11
Replacing Original Sheet 11
1st Revised Sheet 12

(CT)

MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 PM ED E I V E D

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

MAY 6 1994

(AT) 4.1.5 Pricing Flexibility

The Telephone Company provides for pricing flexibility in the form of rate banding for MegaLink III service in the state of Missouri. The Telephone Company may charge a different monthly rate from the current monthly rate, but between the minimum and maximum rates, upon notice to the Missouri Public Service Commission.

Rate banding is available for two rate elements, the local distribution channel and the interoffice channel both fixed and per mile. Current rates and charges are set forth in 4.1.4 preceding. Rate bands are as follows:

 $\frac{\text{USOC}}{\text{Minimum}} \qquad \frac{\text{Monthly Rate}}{\text{Maximum}}$ A. Local Distribution Channel 1LDPJ \$146.00 \$225.00

B. Interoffice Channel Mileage - Rate per V-H mile or fraction thereof, per channel

			Mont	thly Rates
		Fi	xed	Per Mile
	<u>USOC</u>	Minimum	Maximum	Minimum Maximum
1.544 Mbps				
Mileage Bands				
0	3LBNA	\$ None	\$ None	\$ None \$ None
Over 0 to 4	3LBNB	65.00	100.00	32.50 50.00
Over 4 to 8	3LBNC	65.00	100.00	39.00 60.00
Over 8 to 25	3LBND	52.00	80.00	39.00 60.00
Over 25 to 50	3LBNE	52.00	80.00	39.00 60.00
0ver 50	3LBNF	52.00	80.00	39.00 60.00
	Mileage Bands  0  Over 0 to 4  Over 4 to 8  Over 8 to 25  Over 25 to 50	1.544 Mbps  Mileage Bands 0 3LBNA Over 0 to 4 3LBNB Over 4 to 8 3LBNC Over 8 to 25 3LBND Over 25 to 50 3LBNE	USOC Minimum  1.544 Mbps  Mileage Bands 0 3LBNA \$ None 0ver 0 to 4 3LBNB 65.00 0ver 4 to 8 3LBNC 65.00 0ver 8 to 25 3LBND 52.00 0ver 25 to 50 3LBNE 52.00	USOC   Hinimum   Maximum   Maximum

CANCELLED

SEP 26 1996

BY 2 R S

Public Service Commission

MISSOURI

Issued:

APR 06 1995

Effective: APR 1 1 1995

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations
Southwestern Bell Telephone
St. Louis, Missouri

APR 1 1 1995 94 - 3 6 4 MO PURLIC SERVICE COMM

Digital Link Services Tariff Section 4 Original Sheet 11

(MT) MEGALINK III <sup>SM</sup> - WIDEBAND DIGITAL SERVICE	/1 54
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4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

4.1.4 Rates and Charges

	Monthly
USOC	Rate

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MUSE BECHAICE POINTING PARTIES

			USOC	Monthly Rate	Service Commission
A.	Loc	al Distribution Channel			
	1.	First, ½ mile, or fraction thereof, per channel	ILDPJ	\$60.00	\$535.00
	2.	Each additional ½ mile, or fraction thereof, per channel	1LDPJ	22.00	None LED
В.	Int	eroffice Channel			CANCELLED
	1.	Intraexchange Inter- office Channel			0CT 1 1989  BY 1 1985 #10.01  Commission
		Channel Terminal (two required per inter-office channel)	CTJ	, 88.00	Public Service Commission MISSOURI 60.00
		Rate per V-H mile, or fraction thereof, per channel	1LNPX	30.00	None
	2.	Interexchange Inter- office Channel			
		Channel Terminal (two			

NOV 17 1986

60.00

Public Sennce Commission

Issued: JUL 1 5 1986

required per interoffice channel) . . . .

Rate per V-H mile, or fraction there-

of, per channel . . . . . .

NOV. 17 1986 Effective:

75.00

65.00

CTJ

1LNPX

(CT)

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Service Tariff Section 4 5th Revised Sheet 12 Replacing 4<sup>th</sup> Revised Sheet 12

- (CT) MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE
- (FC) 4.2 MISSOURI SCHOOL DISCOUNT PROGRAM
- (FC) 4.2.1 General
  - A. A discount from standard monthly rates for 1.544 Mbps service may be allowed in connection with service furnished through the Missouri School Discount Program, pursuant to the Video Instructional Development and Educational Opportunity Program, as enacted by the Missouri State Legislature.
  - B. Upon the customer's request, a discount from standard monthly rates may be allowed to educational institutions within SWBT's certified area, as determined in C. following. Discounted rates are as specified in Paragraph 4.2.2 following.
  - C. An educational institution shall be defined as an accredited public or private school in the State of Missouri. Private schools must be accredited by either the Missouri Chapter of the National Federation of non-Public Schools Accrediting Association, Independent Schools Association of the Central States, Accrediting Association of Bible Colleges, North Central Association of Colleges and Schools, Distance Education and Training Council, and/or the University of Missouri-Columbia. Public schools must be accredited by the Department of Elementary and Secondary Education for the State of Missouri and/or the North Central Association of Colleges and Schools.
- (CT) D. The qualifying discount will be permitted only on those rate elements listed in Paragraph 4.2.2 following. All other features, ancillary services or options relative to 1.544 Mbps service, shall continue to be billed at the appropriate tariff rate.
  - E. The qualifying discount will be permitted only where the predominant use is providing educational and instructional programs and for the educational institution's administrative use. The discount is not allowed to residential complexes associated with the institution.
  - F. In addition to meeting the qualification specified in C. preceding, an eligible customer must sign an affidavit certifying that the qualification is met. The affidavit will be retained on file with the Telephone Company.
  - G. The customer should request to receive the discount on all subsequent additions of eligible services which are ordered. There will be no additional affidavits required.



Digital Link Service Tariff
Section 4
4th Revised Sheet 12
Replacing 3rd Revised Sheet 12

# MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 MbpRECEIVED

4.1 DESCRIPTION AND APPLICATION OF SERVICES CANCELLED

SEP 26 1997

MO. PUBLIC SERVICE COMM

4.1.6 Missouri School Discount Program

4.1.6.1 General

A. A discount from standard monthly rates in the Missouri School Discount Program, pursuant to the Video

Instructional Development and Educational Opportunity Program, as enacted by the Missouri State Legislature.B. Upon the customer's request, a discount from standard monthly rates may be allowed to

educational institutions within SWBT's certified area, as determined in C. following.

Discounted rates are as specified in Paragraph 4.1.6.2 following.

- C. An educational institution shall be defined as an accredited public or private school in the State of Missouri. Private schools must be accredited by either the Missouri Chapter of the National Federation of non-Public Schools Accrediting Association, Independent Schools Association of the Central States, Accrediting Association of Bible Colleges, North Central Association of Colleges and Schools, Distance Education and Training Council, and/or the University of Missouri-Columbia. Public schools must be accredited by the Department of Elementary and Secondary Education for the State of Missouri and/or the North Central Association of Colleges and Schools.
- D. The qualifying discount will be permitted only on those rate elements listed in Paragraph 4.1.6.2 following. All other features, ancillary services or options relative to 1.544 Mbps service, shall continue to be billed at the appropriate tariff rate.
- E. The qualifying discount will be permitted only where the predominant use is providing educational and instructional programs and for the educational institution's administrative use. The discount is not allowed to residential complexes associated with the institution.
- F. In addition to meeting the qualification specified in C. preceding, an eligible customer must sign an affidavit certifying that the qualification is met. The affidavit will be retained on file with the Telephone Company.
- G. The customer should request to receive the discount on all subsequent additions of eligible services which are ordered. There will be no additional affidavits required.

NOV -1 1997

Issued: SEP 2 9 1997

Effective:

MISSOURI NORublic Service Commission

Digital Link Service Tariff Section 4 3rd Revised Sheet 12 Replacing 2nd Revised Sheet 12

#### MEGALINK III<sup>R</sup> - WIDEBAND DIGITAL SERVICE/1.544 Mbps RECEIVED

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

MAY 1 4 1997

4.1.6 Missouri School Discount Program

4.1.6.1 General

(AT)

(C)

MO. PUBLIC SERVICE COMM

- A. A discount from standard monthly rates for 1.544 Mbps service may be allowed in connection with service furnished through the Missouri School Discount Program, pursuant to the Video Instructional Development and Educations Opportunity Program, as enacted by the Missouri State Legislature.
- B. Upon the customer's request, a discount from standard monthly rates may be allowed to educational institutions within SWBT's certified area, as determined in C. following. Discounted rates are as specified in Paragraph 4.1.6.2 following.
- C. An educational institution shall be defined as an accredited public or private school in the State of Missouri. Private schools must be accredited by either the Missouri Chapter of the National Federation of non-Public Schools Accrediting Association, Independent Schools Association of the Central States, Accrediting Association of Bible Colleges, North Central Association of Colleges and Schools, and/or the University of Missouri-Columbia. Public schools must be accredited by the Department of Elementary and Secondary Education for the State of Missouri and/or the North Central Association of Colleges and Schools.
- D. The qualifying discount will be permitted only on those rate elements listed in Paragraph 4.1.6.2 following. All other features, ancillary services or options relative to 1.544 Mbps service, shall continue to be billed at the appropriate tariff rate.
- The qualifying discount will be permitted only where the predominant use is providing educational and instructional programs and for the educational institution's administrative use. The discount is not allowed to residential complexes associated with the institution.
- F. In addition to meeting the qualification specified in C. preceding, an eligible customer must sign an affidavit certifying that the qualification is met. The affidavit will be retained on file with the Telephone Company.
- G. The customer should request to receive the discount on all subsequent additions of eligible services which are ordered. There will be no additional affidavits required.

JUN 1 9 1997

Issued: MAY 1 9 1997

Effective:

MISSOURI rvice Commission

Digital Link Service Tariff
Section 4
2nd Revised Sheet 12
Replacing 1st Revised Sheet 12

MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 Mbps

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4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

APR 1 0 1996

4.1.6 Missouri School Discount Program

MISSOURI Public Service Commission

(AT) 4.1.6.1 General

- A. A discount from standard monthly rates for 1.544 Mbps service may be allowed in connection with service furnished through the Missouri School Discount Program, pursuant to the Video Instructional Development and Educations Opportunity Program, as enacted by the Missouri State Legislature.
- B. Upon the customer's request, a discount from standard monthly rates may be allowed to educational institutions within SWBT's certified area, as determined in C. following. Discounted rates are as specified in Paragraph 4.1.6.2 following.
- C. An educational institution shall be defined as an accredited public or private school in the State of Missouri. Private schools must be accredited by either the Missouri Chapter of the National Federation of non-Public Schools Accrediting Association, Independent Schools Association of the Central States, North Central Association of Colleges and Schools, and/or the University of Missouri-Columbia. Public schools must be accredited by the Department of Elementary and Secondary Education for the State of Missouri and/or the North Central Association of Colleges and Schools.
- D. The qualifying discount will be permitted only on those rate elements listed in Paragraph 4.1.6.2 following. All other features, ancillary services or options relative to 1.544 Mbps service, shall continue to be billed at the appropriate tariff rate.
- E. The qualifying discount will be permitted only where the predominant use is providing educational and instructional programs and for the educations institution's administrative use. The discount is not allowed to residential complexes associated with the institution.
- F. In addition to meeting the qualification specified in C. preceding, an eligible customer must sign an affidavit certifying that the qualification is met. The affidavit will be retained on file with the Telephone Company.

G. The customer should request to reGANCELE discount on all subsequent additions of eligible services which are ordered. There will be no additional affidavits required.

### 19 1997 ###

Issued:

APR 1 0 1996

By By By By HORACE WILKINS, JR., Mesident-Missouri

MAY 1 0 1996 MAY 1 0 1996

Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff Section 4 1st Revised Sheet 12 Replacing Original Sheet 12

MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OR SERVICES-(Continued)

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4.1.4 Rates and Charges-(Continued)

JUN 22 1988

(DR)

MISSOURI Public Service Commission

(DR)

				Monthly Rate	Service Charge	
(FC)	c.	Automatic Protection			Initial	Subsequent
		Capability, per central office arrangement	VUSDS	\$317.45	\$77.00	\$180.00
(FC)	D.	Transfer Arrangement, per arrangement	VUTDS	28.00	99.00	210.00

CANCELLED 0CT 1 1989 Public Service Commission

(RT)

Issued:

JUN 22 1988

Effective: JUL 8 1988

FILED

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

JUL 8 1988

Public Service Commission

Digital Link Services Tariff
Section 4
Original Sheet 12

(MT)

MEGALINK IIISM - WIDEBAND DIGITAL SERVICE/1.544 MDPSREGEIVED

- 4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
- 4.1.4 Rates and Charges-(Continued)
  - C. Channel Service Units(1)

JUL 1.1 1986 mi**SSUUR!** Public Service Commission

	USOC	Monthly Rate	Service Charge
Channel Service Unit, per unit	UG1T1	\$ 79.00	None

		Monthly <u>Rate</u>		cvice arge
D.	Automatic Protection		Initial	Subsequent
	Capability, per central office arrangement V	SDS \$317.45	\$77.00	\$180.00
Ε.	Transfer Arrangement, per arrangement VI	TTDS 28.00	99.00	210.00

CANCELLED

JUL 8 1988

BY A R S#12

BY Commission

Public Service Commission

MISSOURI

NOV 17 1986
Public Service Commission

l) Obsolete - applicable to existing service arrangements.

Issued: JUL 15 1986

Effective NOV 17 1986

CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Service Tariff Section 4 1<sup>st</sup> Revised Sheet 13 Replacing Original Sheet 13

- MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE (CT)
- 4.2 MISSOURI SCHOOL DISCOUNT PROGRAM (Continued) (FC)
- (FC) 4.2.2 Rates and Charges

Issued: October 6, 1999

		<u>USOC</u>	Monthly <u>Rate</u>	Service <u>Charge</u>
A.	Local Distribution Channel - per point of termination	1RSW1	\$121.50	\$685.00
			Montl	nly Rates
			<u>Fixed</u>	Per Mile
В.	. Interoffice Channel Mileage			
	- rate per V-H mile or fraction thereof,			
	per channel	JZ2WX	\$40.00	\$10.00

Effective: November 5, 1999

Digital Link Service Tariff
Section 4
Original Sheet 13

## RECEIVED

MEGALINK IIIR - WIDEBAND DIGITAL SERVICE/1.544 Mbps

4.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

APR 1 0 1996

4.1.6 Missouri School Discount Program-(Continued)

MISSOURI Public Service Commission

4.1.6.2 Rates and Charges

Α.	Local Distribution Channel	<u>uşoc</u>	Monthly <u>Rate</u>	Service <u>Charge</u>
л.	- per point of termination	1RSW1	\$121.50	\$685.00
В.	Interoffice Channel Mileage - rate per V-H mile or		<u>Monthly</u> <u>Fixed</u>	Rates Per Mile
	fraction thereof, per channel	JZ2WX	\$ 40.00	\$ 10.00

CANCELLED

NOV 0 5 1999

By State Commission

Public Service Commission

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Issued: APR 1 0 1996

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Digital Link Services Tariff
Section 4
2nd Revised Sheet 14
Replacing 1st Revised Sheet 14

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

#### 4.3 DESCRIPTION AND APPLICATION OF SERVICES

#### 4.3.1 General

MegaLink 1.5 High Capacity Digital Service, hereinafter referred to as MegaLink 1.5 Service, provides for the simultaneous two-way transmission of a serial, bipolar, return-to-zero, isochronous digital signal at a terminating bit rate of 1.544 megabits per second (Mbps). The service is available in a point-to-point configuration between:

- Two customer-designated premises
- A customer-designated premise and a SWBT serving office where multiplexing, hubbing or cross-connection functions are performed
- Two SWBT Plexar locations or customer-designated premise and SWBT Plexar location
- A customer-designated premise and SWBT Network Reconfiguration Service (NRS) hub.

(CT) This service is competitively classified.

## 4.3.2 Regulations

4.3.2.1 The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this tariff.

The services provided for MegaLink 1.5 are primarily designed to meet the private line communications requirements of business customers, i.e., non-interexchange carriers, and the regulations herein reflect reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services. This assistance includes, but is not limited to, advice as to which private line service best meets the customer's requirements, taking into consideration the customer's present and future communications needs. In addition, SWBT will continue to assist and advise the customer and cooperatively respond to the requirements of the customer until such time as the private line service is discontinued. The aforementioned level of assistance is considered to be part of the private line service offering and will be provided at no additional charge.

#### 4.3.2.2 Provision of Service

MegaLink 1.5 service is available only on a point-to-point intraLATA basis.

MegaLink 1.5 service is furnished on a full-time basis (24 hours a day, seven days per week).

Issued: February 20, 2002 Effective: March 29, 2002



Digital Link Service Tariff Section 4 1st Revised Sheet 14 Replacing Original Sheet 14 Missouri Public

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

4.3 DESCRIPTION AND APPLICATION OF SERVICES

REC'D APR 2 5 2001

4.3.1 General

(CT)

(CT)

Service Commission

MegaLink 1.5 High Capacity Digital Service, hereinafter referred to as MegaLink 1.5 Service, provides for the simultaneous two-way transmission of a serial, bipolar, return-to-zero, isochronous digital signal at a terminating bit rate of 1.544 megabits per second (Mbps). The service is available in a point-to-point configuration between:

- Two customer-designated premises
- A customer-designated premise and a SWBT serving office where multiplexing, hubbing or cross-connection functions are performed
- Two SWBT Plexar locations or customer-designated premise and SWBT Plexar location
- A customer-designated premise and SWBT Network Reconfiguration Service (NRS) hub.

This service was classified as transitionally competitive effective January 10, 1993.

## 4.3.2 Regulations

The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this tariff.

The services provided for MegaLink 1.5 are primarily designed to meet the private line communications requirements of business customers, i.e., non-interexchange carriers, and the regulations herein reflect reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services. This assistance includes, but is not limited to, advice as to which private line service best meets the customer's requirements, taking into consideration the customer's present and future communications needs. In addition, SWBT will continue to assist and advise the customer and cooperatively respond to the requirements of the customer until such time as the private line service is discontinued. The aforementioned level of assistance is considered to be part of the private line service offering and will be provided at no additional charge.

## 4.3.2.2 Provision of Service

MegaLink 1.5 service is available only on a point-to-point intraLATA basis.

MegaLink 1.5 service is furnished on a full-time basis (24 hours a day, seven days per CANCELLED week).

Missouri Public

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Issued: April 25, 2001

Service May 25 7 36 ission

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff Section 4 Original Sheet 14

# MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE COMMISSION

#### 4.3 DESCRIPTION AND APPLICATION OF SERVICES

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4.3.1 General

MegaLink 1.5 High Capacity Digital Service, hereinafter referred to as MegaLink 1.5 service, is an 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 megabits per second (Mbps). The channel design, performance and maintenance objectives are specified in SWBT's Technical Publication TP-76625.

This service is available to customers in those LATAs served by and within the service territories of SWBT only.

This service was classified as transitionally competitive effective January 10, 1993.

## 4.3.2 Regulations

4.3.2.1 The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this tariff.

The services provided for MegaLink 1.5 are primarily designed to meet the private line communications requirements of business customers, i.e., non-interexchange carriers, and the regulations herein reflect reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services. This assistance includes, but is not limited to, advice as to which private line service best meets the customer's requirements, taking into consideration the customer's present and future communications needs. In addition, SWBT will continue to assist and advise the customer and cooperatively respond to the requirements of the customer until such time as the private line service is discontinued. The aforementioned level of assistance is considered to be part of the private line service offering and will be provided at no additional charge.

## 4.3.2.2 Provision of Service

MegaLink 1.5 service is available only on a point-to-point intraLATA basis.

MegaLink 1.5 service is furnished on a full-time basis (24 hours a day, seven days per week).

**CANCELLED** 

Missouri Public

FN NOV - 5 1999

MAY 2 5 2001

**Public Service Commission** 

Effective: November 5, 1999

Issued: October 6, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff Section 4 Original Sheet 15

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

- 4.3 DESCRIPTION AND APPLICATION OF SERVICES (Continued)
  - 4.3.2 Regulations (Continued)
    - 4.3.2.2 Provision of Service (Continued)

MegaLink 1.5 service can only be provided within the same LATA where existing digital facilities and equipment permit. Services between serving wire centers must have digital service components (digital connectivity) between all intermediate offices to have the ability to provide the service. Additional service features may be available only at selected central offices as determined by SWBT.

Customer requests for MegaLink 1.5 service may require construction of suitable service components. The regulations, rates and charges applicable to special construction are found in Section 1.4.4, of this tariff. Service availability will be negotiated locally.

Customer requests for special routing of MegaLink 1.5 service channels are provided in accordance with Section 1 of this tariff.

SWBT has the service responsibility up to the demarcation point. The demarcation point will be provided by SWBT as set forth in Bellcore Technical Advisory TA-TSY-000342. This publication provides transmission parameter limits and interface combinations for high capacity special access services (e.g., DS1), and may be obtained from:

Bell Communications Research Information Operation Center 60 New England Avenue Piscataway, NJ 08854-4196

The placement of the demarcation point shall be located in a manner consistent with federal and state regulatory requirements. This location will be at each customer's premises, unless specified otherwise by the customer or building/landowner and agreed to by SWBT.

Digital equipment provided by the customer is subject to the regulations set forth in Section 1.5.

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Digital Link Service Tariff Section 4 Original Sheet 16

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

## 4.3 DESCRIPTION AND APPLICATION OF SERVICES – (Continued)

## 4.3.2 Regulations – (Continued)

## 4.3.2.2 Provision of Service – (Continued)

MegaLink 1.5 may be terminated in a DS1 port of a SWBT-provided Network Reconfiguration Service (NRS) arrangement at a designated NRS hub location. Additional interoffice channel mileage may be incurred to route the MegaLink 1.5 service to the hub location. The DS1 port on the NRS arrangement will be considered as a service point on the circuit. Refer to Section 8 of this tariff for additional regulations concerning NRS.

#### 4.3.2.3 Transfer of Service

MegaLink 1.5 service furnished to one customer may be assumed by a new customer upon due notice of cancellation or abandonment, provided there is no interruption of use or relocation of the service. The new customer must assume all obligations of the previous customer. Such changes are not subject to service charges if the service is assumed exactly as provided to the previous customer. The transferee (new customer) shall provide to the telephone company the written notice of release of such services from the transferor (former customer). The transfer of service does not relieve or discharge the transferor from remaining jointly or severally liable with the transferee for any obligations existing at the time of the transfer.

## 4.3.2.4 Allowance for Interruptions

#### A. MegaLink 1.5 Not Available with SecureNet

Credit allowances are determined in accordance with the regulations set forth in Section 1, Paragraph 1.4.8 of the Private Line Service Tariff.

MegaLink 1.5 service 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.



Digital Link Service Tariff Section 4 Original Sheet 17

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

- 4.3 DESCRIPTION AND APPLICATION OF SERVICES (Continued)
  - 4.3.2 Regulations (Continued)
    - 4.3.2.4 Allowance for Interruptions (Continued)
      - B. MegaLink 1.5 Available with SecureNet
        - 1. MegaLink 1.5 service equipped with SecureNet shall be allowed a credit for a single service interruption greater than 2.0 seconds, but less than 4 hours. If a service outage of 4 hours or more occurs, the terms set forth in 4.3.2.4A. will apply. In no case shall the total amount of credit in a one-month bill period exceed 100 percent of the monthly charge for that particular rate element.
        - 2. To receive a credit for a service interruption after 2.0 seconds, the interruption must occur in that part of the MegaLink 1.5 service equipped with SecureNet (e.g., a loop failure on a MegaLink 1.5 service would receive credit after a 2.0 second interruption; an interoffice facility failure on the same service would be credited after four hours).
        - 3. For a MegaLink 1.5 service equipped with SecureNet, the credit for a single service interruption greater than 2.0 seconds will be 50% of the recurring monthly rate for the applicable rate elements (e.g., Local Distribution Channel; Interoffice Channel Mileage, both fixed and per mile; and Multiplexing).

#### 4.4 RATE CONFIGURATION

#### 4.4.1 General

There are four basic rate elements which may apply to MegaLink 1.5 service:

- Local distribution channel
- Interoffice channel mileage
- Additional service features
- Service charge



Digital Link Service Tariff Section 4 Original Sheet 18

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

## 4.4 RATE CONFIGURATION – (Continued)

#### 4.4.2 Local Distribution Channel

The local distribution channel is the channel between a customer's premises and the SWBT serving wire center that normally provides service to that customer's premises.

## 4.4.3 Interoffice Channel Mileage

Interoffice channel mileage is defined as the component of the service between two SWBT serving wire centers, between a serving wire center and a SWBT-designated digital hub, or between digital or NRS hubs. The serving wire centers may be located in the same exchange area, as in a multi-office metropolitan exchange, or may be located in different exchange areas.

Interoffice channel mileage charges include a fixed charge, and a per mile charge which is based on the vertical and horizontal (V-H) distance between serving wire centers, a serving wire center and a digital hub, between digital or NRS hubs, or between exchanges, measured in whole miles. Fractional miles are rounded to the next whole mile. V-H coordinates for serving wire centers and designated digital and NRS hubs can be found in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff.

## 4.4.4 Additional Service Features

## A. Central Office Multiplexing

Central office multiplexing is an arrangement which converts a 1.544 Mbps channel to multiple channels suitable for use with voice grade or subrate digital services. Central office multiplexing is available only in certain SWBT-designated multiplexing hub locations. Refer to the NECA Wire Center Information Tariff for locations. Special routing may be required in order to provide this service. There are three levels of central office multiplexing available:

#### 1. 1.544 Mbps (DS1) to Voice

This arrangement provides for 24 channels for use with voice or voice grade data services. Derived channels of the 1.544 Mbps channel to the hub may also be used for MegaLink Digital Service. Voice grade services may not include services which terminate directly into the public switched network.



Digital Link Service Tariff Section 4 Original Sheet 19

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

## 4.4 RATE CONFIGURATION – (Continued)

- 4.4.4 Additional Service Features (Continued)
  - A. Central Office Multiplexing (Continued)
    - 2. 1.544 Mbps (DS1) to 64 kbps (DS0)

An arrangement that converts a 1.544 Mbps channel to twenty-three (23) 64 kbps channels using digital time division multiplexing.

3. 64.0 kbps (DS0) to Subrate

An arrangement that converts a 64 kbps channel to sub-speeds of up to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using digital time division multiplexing. This feature is available only in conjunction with 1.544 Mbps (DS1) to 64 kbps (DS0) multiplexing as part of a cascading multiplex arrangement in the same multiplexing hub location.

## B. Clear Channel Capability (CCC)

Clear channel capability (CCC) is a feature that provides the customer with an increase in usable bandwidth from 1.344 Mbps to 1.536 Mbps of an unconstrained data stream across the network. CCC is provided on 1.544 Mbps service and provisioning of CCC in our network requires the customer signal at the channel interface to conform to bipolar with eight zero substitution (B8ZS) line code format as described in Bellcore Technical Advisory TA-TSY-000342. Customer equipment must be compatible with this method of providing the unconstrained signal. Provision of this feature may require special routing of the interoffice channel mileage.

C. Extended Superframe Format (ESF)

Extended superframe format (ESF) is a non-chargeable option that passes a customer-provided framing format for 1.544 Mbps service. ESF extends the customer's 1.544 Mbps framing structure from 12 to 24 frames and divides the 8 kbps 193rd bit position pattern into three distinct functions: 2 kbps for frame synchronization, 2 kbps for cyclic redundancy checking, and 4 kbps for performance monitoring.



Digital Link Service Tariff Section 4 Original Sheet 20

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

## 4.4 RATE CONFIGURATION – (Continued)

## 4.4.4 Additional Service Features – (Continued)

## D. SecureNet

As an inherent feature of MegaLink 1.5 service, SecureNet provides automatic restoration capabilities which prevent service interruption in the event of a single facility break or a single loop electronics failure. This feature is called SecureNet. SecureNet is available with point-to-point MegaLink 1.5 service only where fiber optic facilities are used to provide the MegaLink 1.5 service.

The automatic restoration capabilities are provided through the use of intelligent components which are capable of sensing transmission failure in the fiber facilities. The primary and secondary transmission paths are separately routed in geographically and physically separate fiber optic cables up to the point nearest the customer's premises that route redundancy can be achieved. In the event of a transmission failure caused by a single facility break or a single loop electronics failure, the intelligent components will automatically switch the MegaLink 1.5 service to the secondary transmission path within 2.0 seconds.

The secondary transmission path for MegaLink 1.5 service equipped with SecureNet will be routed in a geographically separate fiber optic cable up to the nearest point to the customer's premises that route redundancy can be achieved. In the event a facility break occurs in that portion of the MegaLink 1.5 service for which route redundancy could not be achieved (e.g., interoffice channel mileage), SWBT cannot guarantee automatic restoration of the customer's service within 2.0 seconds, and a credit as set forth in 4.3.2.4.B. preceding will not apply. In this case, the normal allowance for service interruptions applies as outlined in 4.3.2.4.A. preceding.

SecureNet is available at those serving wire centers where equipment and facilities are available. Special construction charges may apply when fiber optic facilities are not available or unusual expenditures are involved in making them available to provide this feature.

The SecureNet feature provided is loop protection. This feature provides automatic restoration of the MegaLink 1.5 service local distribution channel and physical route redundancy from the customer's premises to the customer's serving wire center in the event of a single loop failure.



Digital Link Service Tariff Section 4 Original Sheet 21

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

- 4.4 RATE CONFIGURATION (Continued)
  - 4.4.4 Additional Service Features (Continued)
    - E. Rollover

A Rollover is a customer-initiated move that involves a change of a point of termination from an existing service to another existing service within the same customer premises or the same serving wire center. The Rollover must occur within the same SWBT location.

Rollovers may be performed at the following service levels:

- Analog Private Line and MegaLink Digital services to MegaLink 1.5 service
- MegaLink 1.5 service to MegaLink 1.5 service
- 4.4.5 Service Charge

Issued: October 6, 1999

A service charge applies per point of termination installed or moved as provided in Paragraph 4.6, following.

By JAN NEWTON, President-Missouri



Effective: November 5, 1999

(CT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 4
2nd Revised Sheet 22
Replacing 1st Revised Sheet 22

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

## 4.5 PRICING FLEXIBILITY

The Telephone Company provides for pricing flexibility in the form of rate banding for MegaLink 1.5 service in the state of Missouri. The Telephone Company may charge a different monthly rate from the current monthly rate, but between the minimum and maximum rates, upon notice to the Missouri Public Service Commission.

Rate banding is available for two rate elements, the local distribution channel and the interoffice channel both fixed and per mile. Current rates and charges are set forth in 4.6.1 and 4.6.2 following. Rate bands are as follows:

		<u>Monthly Rates</u>		
	<u>USOC</u>	<u>Minimum</u>	<u>Maximum</u>	
A. Local Distribution Channel	1LDPJ	\$140.00	\$210.00(CR)	

## B. Interoffice Channel Mileage

- Rate per V-H mile or	Monthly Rates					
fraction thereof,	fraction thereof,			xed	Per Mile	
per channel		<u>USOC</u>	Minimum	<u>Maximum</u>	Minimum	<u>Maximum</u>
Mileage Bands	0	3LBNA 3LBNB	None \$50.00	None \$91.75(CR)	None \$5.00	None \$28.00(CR)

Issued: June 21, 2005 Effective: July 21, 2005

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

## Missouri Public

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. P.S.C. Mo. - No. 38 RECD SEP 2 9 2003

Digital Link Services Tariff

1st Revised Sheet 22

Service Commission Replacing Original Sheet 22

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

#### PRICING FLEXIBILITY

The Telephone Company provides for pricing flexibility in the form of rate banding for MegaLink 1.5 service in the state of Missouri. The Telephone Company may charge a different monthly rate from the current monthly rate, but between the minimum and maximum rates, upon notice to the Missouri Public Service Commission.

Rate banding is available for two rate elements, the local distribution channel and the interoffice channel both fixed and per mile. Current rates and charges are set forth in 4.6.1 and 4.6.2 following. Rate bands are as follows:

		Monthly Rates		
	<u>USOC</u>	<u>Minimum</u>	<u>Maximum</u>	
A. Local Distribution Channel	1LDPJ	\$140.00	\$195.00(CR)	

B. Interoffice Channel Mileage

- Rate per V-H mile or	Rate per V-H mile or			Monthly	/ Rates	
fraction thereof,	tion thereof,		Fi	xed	Per Mile	
per channel		<u>USOC</u>	<u>Minimum</u>	<u>Maximum</u>	Minimum	Maximum
Mileage Bands	0	3LBNA	None	None	None	None
Over 0		3LBNA	\$50.00	\$85.00(CR)	\$5.00	\$26.00

CANCELLED

Issued: September 29, 2003

Effective: October 29, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Sorvice Commission

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Digital Link Service Tariff Section 4 Original Sheet 22

Missouri Public envice Commission

MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

## 4.5 PRICING FLEXIBILITY

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The Telephone Company provides for pricing flexibility in the form of rate banding for MegaLink 1.5 service in the state of Missouri. The Telephone Company may charge a different monthly rate from the current monthly rate, but between the minimum and maximum rates, upon notice to the Missouri Public Service Commission.

Rate banding is available for two rate elements, the local distribution channel and the interoffice channel both fixed and per mile. Current rates and charges are set forth in 4.6.1 and 4.6.2 following. Rate bands are as follows:

						Monthly	Rate .
				<u>US</u>	OC Mi	nimum	Maximum
A.	Local Distribution Chan	nel		11.	DPJ \$	140.00	\$185.00
В.	Interoffice Channel Mile - Rate per V-H mile o	_			Monthl	y Rates	<u>.</u>
	fraction thereof,			. Fixed Per Mile			Mile .
	per channel		USOC	Minimum	Maximum	Minimum	Maximum
	Mileage Bands Over 0	0	3LBNA 3LBNA	None \$50.00	None \$80.00	None \$5.00	None \$26.00

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Digital Link Services Tariff
Section 4
2nd Revised Sheet 23
Replacing 1st Original Sheet 23

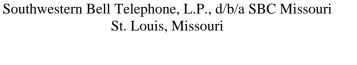
## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

## 4.6 RATES AND CHARGES

			Monthly <u>Rate</u>	Service <u>Charge</u>	<u>USOC</u>
4.6.1	Local Distribution Channel				
	- Per channel terminated on a customer's premises		\$210.00(CR)	\$685.00	1LDPJ
4.6.2	Interoffice Channel Mileage		<u>Monthl</u>	y Rates	
			<u>Fixed</u>	Per Mile	<u>USOC</u>
	- Rate per V-H mile or fraction thereof, between serving wire centers, or between a serving	(0 miles)	None	None	3LBNA
	wire center and digital hub.	(over 0)	\$ 91.75(CR)	\$ 28.00(CR)	3LBNB

Issued: June 21, 2005 Effective: July 21, 2005

By CINDY BRINKLEY, President-SBC Missouri



## Missouri Public

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. P.S.C. Mo.- No. 38

REC'D SEP 2 9 2003 Digital Link Services Tariff

Section 4

1st Revised Sheet 23

Service Commission Original Sheet 23

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

#### 4.6 RATES AND CHARGES

4.6.1	Local Distribution Channel		Monthly <u>Rate</u>	Service <u>Charge</u>	<u>USOC</u>
	- Per channel terminated on a customer's premises		\$195.00(CR)	\$685.00	1L <b>DPJ</b>
4.6.2	Interoffice Channel Mileage		<u>Month</u>	ly Rates	
	- Rate per V-H mile or fraction	•	<u>Fixed</u>	Per Mile	<u>USOC</u>
	thereof, between serving wire centers, or between a serving	(0 miles)	None	None	3LBNA
	wire center and digital hub.	(over 0)	\$ 85.00(CR)	\$ 26.00	3LBNB

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Issued: September 29, 2003

Effective: October 29, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

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Digital Link Service Tariff Section 4 Supplemental Schedule Original Sheet 23

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4.6.1 Local Distribution Channel		Monthly . Rate .	Service .Charge.	USOC
- Per channel terminated on a customer's premises		\$185.00	\$685.00	ILDPJ
4.6.2 Interoffice Channel Mileage		. Month	ly Rates .	
Data was VIII wile as fraction		<u>Fixed</u>	Per Mile	USOC
- Rate per V-H mile or fraction thereof, between serving wire	(0 miles)	None	None	3LBNA
centers, or between a serving wire center and digital hub.	(over 0)	\$80.00	\$26.00	3LBNB

CANCELLED

OCT 2 9 2003

Missouri Public Sorvice Commission

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Digital Link Services Tariff Section 4 2nd Revised Sheet 24 Replacing 1st Original Sheet 24

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

## (CT) 4.6 RATES AND CHARGES (cont'd)

4.6.3	Additional Service Features	Monthly <a href="mailto:Rate">Rate</a>	Service <u>Charge</u>	<u>USOC</u>
4.0.3	Additional Service I catales			
	Clear Channel Capability			
	- Per local distribution channel	None	None	CLR
	Extended Superfrome Formet			
	Extended Superframe Format - Per local distribution channel	None	None	SF1
			- 1 - 1 - 1	211
	SecureNet			
	- Per local distribution channel	None	None	P7T
	Central Office Multiplexing			
	1.544 Mbps (DS1) to Voice (1)			
	- Per arrangement	\$230.00(CR)	None	MQ1
	1 544 Mbps (DC1) to 64 0 kbps (DC0)			
	1.544 Mbps (DS1) to 64.0 kbps (DS0) - Per arrangement	230.00(CR)	None	QMU
	Tot unungement	250.00(CIT)	rvone	QMO
	64.0 kbps (DS0) to Subrate (2) (3)			
	- Per arrangement			
	- Up to twenty 2.4 kbps services	147.00	None	QSU24
	- Up to ten 4.8 kbps services	175.00	None	QSU48
	- Up to five 9.6 kbps services	200.00	None	QSU96

- (1) For rates for analog voice or data channels used in conjunction with this multiplexing arrangement refer to the Private Line Service Tariff, Section 2. For rates for MegaLink Digital Service refer to the Digital Link Service Tariff, Section 3.
- (2) This additional service feature also requires the purchase of DS1 to DS0 multiplexing as described above.
- (3) For rates for digital subrate services (2.4 kbps, 4.8 kbps and 9.6 kbps) used in conjunction with this multiplex arrangement, refer to the MegaLink Digital Services in the Digital Link Service Tariff, Section 3.

Issued: June 21, 2005 Effective: July 21, 2005

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

## Missouri Public

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

4.6.3

P.S.C. Mo.- No. 38 RECD SEP 2 9 2003

Digital Link Services Tariff

Section 4

1st Revised Sheet 24

Service Commission Replacing Original Sheet 24

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

## 4.6 RATES AND CHARGES - (Continued)

;	Additional Service Features	Monthly <u>Rate</u>	Service <u>Charge</u>	<u>USOC</u>
	Clear Channel Capability - Per local distribution channel	None	None	CLR
	Extended Superframe Format - Per local distribution channel	None	None	SF1
	SecureNet - Per local distribution channel	None	None	Р7Т
	Central Office Multiplexing			
	1.544 Mbps (DS1) to Voice (1) - Per arrangement	\$215.00(CR)	None	MQ1
	1.544 Mbps (DS1) to 64.0 kbps (DS0) - Per arrangement	215.00(CR)	None	QMU
	64.0 kbps (DS0) to Subrate (2) (3) - Per arrangement			
	<ul> <li>Up to twenty 2.4 kbps services</li> <li>Up to ten 4.8 kbps services</li> <li>Up to five 9.6 kbps services</li> </ul>	147.00 175.00 200.00	None None None	QSU24 QSU48 QSU96

- (1) For rates for analog voice or data channels used in conjunction with this multiplexing arrangement refer to the Private Line Service Tariff, Section 2. For rates for MegaLink Digital Service refer to the Digital Link Service Tariff, Section 3.
- (2) This additional service feature also requires the purchase of DS1 to DS0 multiplexing as described
- (3) For rates for digital subrate services (2.4 kbps, 4.8 kbps and 9.6 kbps) used in conjunction with this multiplex arrangement, refer to the MegaLink Digital Services in the Digital Link Service Tariff, Section 3.

Issued: September 29, 2003

Effective: October 29, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Service Commission

FILED OCT 29 2003

Digital Link Service Tariff Section 4 Original Sheet 24

# MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE TO VICTORIAL

4.6 RATES AND CHARGES - (Continued) CANCELLED	ŗ	RECTO OCT	- 6 1999
4.6.3 Additional Service Features  OCT 2 9 2003  M  M  M  M  M  M  M  M  M  M  M  M  M	ionthly	Service	
Clear Channel Capability Public Service Comms	BINE .	.Charge.	USOC
	None	None	CLR
Extended Superframe Format - Per local distribution channel	None	None	SF1
SecureNet - Per local distribution channel	None	None	P7T
Central Office Multiplexing			
1.544 Mbps (DS1) to Voice (1) - Per arrangement \$5	200.00	None	MQ1
1.544 Mbps (DS1) to 64.0 kbps (DS0) - Per arrangement	200.00	None	QMU
64.0 kbps (DS0) to Subrate (2) (3) - Per arrangement			
- Up to twenty 2.4 kbps services	147.00	None	QSU24
- Un to ten 4.8 kbps services	175.00	Mightone 17]	FOSDA8
- Up to five 9.6 kbps services	200.00 Ser	None None	QSU96 On

FILED NOV - 5 1999

- (1) For rates for analog voice or data channels used in conjunction with this multiplexing arrangement refer to the Private Line Service Tariff, Section 2. For rates for MegaLink Digital Service refer to the Digital Link Service Tariff, Section 3.
- (2) This additional service feature also requires the purchase of DS1 to DS0 multiplexing as described above.
- (3) For rates for digital subrate services (2.4 kbps, 4.8 kbps and 9.6 kbps) used in conjunction with this multiplex arrangement, refer to the MegaLink Digital Services in the Digital Link Service Tariff, Section 3.

Issued: October 6, 1999

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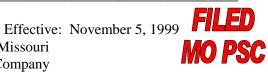
Digital Link Service Tariff Section 4 Original Sheet 25

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

## 4.6 RATES AND CHARGES – (Continued)

## 4.6.4 Rollover

	. Servic	. Service Charge .		
	First	Additional		
	Circuit	. Circuit .	<u>USOC</u>	
- Analog Private Line and MegaLink Digital service to MegaLink 1.5,				
per service, per order	\$250.00	\$175.00	NR9QA	
- MegaLink 1.5 to MegaLink 1.5 service,				
per service, per order	300.00	275.00	NR9QB	



Digital Link Services Tariff
Section 4
2nd Revised Sheet 26
Replacing 1st Sheet 26

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

#### 4.7 TERM PRICING PLAN

- (AT) The Term Pricing Plan (TPP) provides the customer with rate stabilization and discounted tariff rates. The TPP provides for one, two, three or five year rate stabilization. Decreases in monthly recurring tariff rates will be passed on to customers who participate in a TPP. SWBT will notify customers participating in a TPP when monthly rates are decreased. Should SWBT increase its rates during the Term Pricing Plan period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the TPP.
- (AT) 4.7.2 The customer may choose to terminate an existing TPP before the end of the one, two, three or five year period and negotiate a new TPP as follows:

## **Upgrades**

During a customer's TPP term, conversion may be made to a new TPP term of the same or different length or to a higher speed service, if the expiration date for the new service or TPP term is beyond the end of the original TPP term. The new TPP term becomes effective upon execution. No credit for months under the previous TPP may be transferred to the new TPP. The customer incurs no liability for the remaining months on the original TPP, since the change is not considered a termination of service. The prices applicable for the new term are those currently in effect for new customers.

#### Moves

During a TPP term, a customer may move one Local Distribution Channel (LDC) of a MegaLink 1.5 Service to another location in the same LATA and keep the TPP in force, provided no lapse in service occurs. Moves to a different serving office however may result in a change in the monthly charges. The customer must have met the minimum in-service period at the old location and be liable for a new minimum in-service period at the new location. The nonrecurring charge that is currently in effect for month-to-month service will apply.

## 4.7.3 Renewals

At the end of a TPP term, the customer may elect a new TPP term with the prices in effect at that time. If the customer elects not to renew the TPP, or does not notify SWBT of the customer's intent to establish a new TPP, the service will automatically be billed under the tariffed monthly rates in effect at the time the TPP expires.

4.7.4 Any special construction charges incurred for services billed under a TPP will be applicable as provided for in Section 1 of this tariff.

Issued: September 29, 2003 Effective: October 29, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Service Tariff
Section 4
1st Revised Sheet 26
Replacing Original Sheet 26
Missouri Public

## MÈGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

## 4.7 TERM PRICING PLAN

REC'D APR 2 5 2001

- 4.7.1 The Term Pricing Plan (TPP) provides the customer with rate stabilization and discounted tariffmission rates. The TPP provides for two, three or five year rate stabilization. Decreases in monthly recurring tariff rates will be passed on to customers who participate in a TPP. SWBT will notify customers participating in a TPP when monthly rates are decreased. Should SWBT increase its rates during the Term Pricing Plan period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the TPP.
- (AT) 4.7.2 The customer may choose to terminate an existing TPP before the end of the two, three or five year period and negotiate a new TPP as follows:
- (CT) Upgrades

During a customer's TPP term, conversion may be made to a new TPP term of the same or different length or to a higher speed service, if the expiration date for the new service or TPP term is beyond the end of the original TPP term. The new TPP term becomes effective upon execution. No credit for months under the previous TPP may be transferred to the new TPP. The customer incurs no liability for the remaining months on the original TPP, since the change is not considered a termination of service. The prices applicable for the new term are those currently in effect for new customers.

#### Moves

During a TPP term, a customer may move one Local Distribution Channel (LDC) of a MegaLink 1.5 Service to another location in the same LATA and keep the TPP in force, provided no lapse in service occurs. Moves to a different serving office however may result in a change in the monthly charges. The customer must have met the minimum in-service period at the old location and be liable for a new minimum in-service period at the new location. The nonrecurring charge that is currently in effect for month-to-month service will apply.

(C<sub>i</sub>T) 4.7.3 Renewals

(CT)

(CT)

At the end of a TPP term, the customer may elect a new TPP term with the prices in effect at that time. If the customer elects not to renew the TPP, or does not notify SWBT of the customer's intent to establish a new TPP, the service will automatically be billed under the tariffed monthly rates in effect at the time the TPP expires.

4.7.4 Any special construction charges incurred for services billed under a TPP will be applicable as provided for in Section 1 of this tariff.

CANCELLED

Missouri Public

OCT 2 9 2003

FILED MAY 2 5 2001

Public Service Commission Service Commission MISSOUPI

Issued: April 25, 2001

Effective: May 25, 2001

Original Sheet 26

MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE RECT) OCT - 6 1999

#### 4.7 TERM PRICING PLAN

- 4.7.1 The Term Pricing Plan (TPP) provides the customer with rate stabilization and discounted tariff rates. The TPP provides for two or three year rate stabilization. Decreases in monthly recurring tariff rates will be passed on to customers who participate in a TPP. SWBT will notify customers participating in a TPP when monthly rates are decreased. Should SWBT increase its rates during the Term Pricing Plan period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the TPP.
- 4.7.2 The customer may choose to terminate an existing TPP before the end of the two or three year period and negotiate a new TPP. The new TPP must be based upon the rates that are currently in effect and available to all customers. If during the duration of the TPP, the customer wishes to rearrange or move a Local Distribution Channel location, no termination charge will apply. However, the nonrecurring charge that is currently in effect for month-to-month service will apply.
- 4.7.3 The customer must provide SWBT with a written notice of intent to renew a TPP no later than 90 days prior to its expiration. A TPP may not be renewed beyond the two or three year commitment at the same tariff rate. If the customer elects not to renew the TPP, or does not notify SWBT of the customer's intent to renew the TPP, the service will automatically be billed under the tariffed monthly rates in effect at the time the TPP expires.
- 4.7.4 Any special construction charges incurred for services billed under a TPP will be applicable as provided for in Section 1 of this tariff.

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Public Service Commission
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Missouri Public Service Commission

FILED NOV - 5 1999

Issued: October 6, 1999

Effective: November 5, 1999

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(CT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 4
3rd Revised Sheet 27
Replacing 2nd Revised Sheet 27

### MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

#### 4.7 TERM PRICING PLAN (cont'd)

(AT) 4.7.5 If the customer terminates the Term Pricing Plan agreement prior to the expiration of the one, two, three, or five year TPP, the customer shall pay a termination charge. TPPs terminated as a result of a re-negotiation are excluded from termination charges. Payment of the termination charge does not release the customer from other previous amounts owed to the Company.

The termination charge for all service terms will be calculated as follows:

For service terms that become effective on or after October 1, 2004:

- All unpaid Special Construction or nonrecurring charges (excluding any waived charges); plus
- Fifty percent (50%) of all recurring charges for the remaining months of the customer's term.
- (AT) For service terms in effect prior to October 1, 2004:
  - The termination of a TPP prior to the expiration date will result in a termination charge. The termination charge shall be equal to all waived and/or unpaid nonrecurring charge plus the lesser of:
  - The difference between the TPP rates and charges for the completed months of the TPP at the time of termination and the rates and charges for the next lower service term actually completed plus interest charges based on the annuity factor discount rate, as stated in Section 17 of the General Exchange Tariff, in effect at the time of termination; or
  - The monthly payments left on the term.

Example: If the customer completes 27 months of a 36 month (3 year) service term, the first calculation of a termination charge will equal the difference between 27 months of rates and charges at the 3 year service term and 27 months of rates and charges at the 2 year term (which is the next lower service term actually completed) plus interest at the annuity factor discount rate in effect at the time of termination. The second calculation will be the sum of the 9 remaining monthly payments of the 3 year service term. The termination charge is the lesser of the two calculations.

(MT)

(MT)

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By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



# Missouri Public

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. P.S.C. Mo.- No. 38

REC'D SEP 2 9 2003 Digital Link Services Tariff
Section 4

2nd Revised Sheet 27

Service Commissipplacing 1st Revising Sheet 27

### MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

- 4.7 TERM PRICING PLAN (Continued)
  - 4.7.5 The termination of a TPP prior to the expiration date will result in a termination charge. The termination charge shall be equal to all waived and/or unpaid nonrecurring charge plus the lesser of:
    - The difference between the TPP rates and charges for the completed months of the TPP at the time of termination and the rates and charges for the next lower service term(1) actually completed plus interest charges based on the annuity factor discount rate, as stated in Section 17 of the General Exchange Tariff, in effect at the time of termination; or
    - The monthly payments left on the term.

Example: If the customer completes 27 months of a 36 month (3 year) service term, the first calculation of a termination charge will equal the difference between 27 months of rates and charges at the 3 year service term and 27 months of rates and charges at the 2 year term (which is the next lower service term actually completed) plus interest at the annuity factor discount rate in effect at the time of termination. The second calculation will be the sum of the 9 remaining monthly payments of the 3 year service term. The termination charge is the lesser of the two calculations.

(AT)

4.7.6 Customers currently subscribing to MegaLink 1.5 Service on a month-to-month basis may convert their existing service to either a one, two, three or five year TPP. Nonrecurring charges will be waived at the time of conversion.

Customers may upgrade their service to a greater bandwidth (e.g. MegaLink 1.5 to MegaLink 45) without incurring a termination charge provided that the new TPP is of equal or greater duration. The nonrecurring charge associated with new service will apply.

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Public Service Commission

Issued: September 29, 2003

Effective: October 29, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Sorvice Commission

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(AT)

Digital Link Service Tariff Section 4 1st Revised Sheet 27 Replacing Original Sheet 27

# MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

REC'D APR 2 5 2001

4.7 TERM PRICING PLAN – (Continued)

- Service Commission 4.7.5 The termination of a TPP prior to the expiration date will result in a termination charge. The termination charge shall be equal to all waived and/or unpaid nonrecurring charge plus the lesser
- The difference between the TPP rates and charges for the completed months of the TPP at the time of termination and the rates and charges for the next lower service term(I) actually completed plus interest charges based on the annuity factor discount rate, as stated in Section 17 of the General Exchange Tariff, in effect at the time of termination; or
- The monthly payments left on the term.

Example: If the customer completes 27 months of a 36 month (3 year) service term, the first calculation of a termination charge will equal the difference between 27 months of rates and charges at the 3 year service term and 27 months of rates and charges at the 2 year term (which is the next lower service term actually completed) plus interest at the annuity factor discount rate in effect at the time of termination. The second calculation will be the sum of the 9 remaining monthly payments of the 3 year service term. The termination charge is the lesser of the two calculations.

4.7.6 Customers currently subscribing to MegaLink 1.5 Service on a month-to-month basis may convert their existing service to either a two, three or five year TPP. Nonrecurring charges will be waived at the time of conversion.

Customers may upgrade their service to a greater bandwidth (e.g. MegaLink 1.5 to MegaLink 45) without incurring a termination charge provided that the new TPP is of equal or greater duration. The nonrecurring charge associated with new service will apply.

CANCELLED

Missouri Public

FILED MAY 2 5 2001

Service Commission

Issued: April 25, 2001

Effective: May 25, 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff Section 4 Original Sheet 27

# MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICES CONTRIBUTION

4.7 TERM PRICING PLAN – (Continued)

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4.7.5 Customers requesting the termination of a TPP prior to the expiration date, excluding TPPs terminated as a result of a re-negotiation, will incur termination charges. Payment of the termination charge does not release the customer from other pervious amounts owed to SWBT.

The termination charge shall be the lesser of:

- The difference between the TPP rates and charges for the completed months of the TPP at the time of termination and the rates and charges for the next lower service term(1) actually completed plus interest charges based on the annuity factor discount rate, as stated in Section 17 of the General Exchange Tariff, in effect at the time of termination; or
- The monthly payments left on the term.

Example: If the customer completes 27 months of a 36 month (3 year) service term, the first calculation of a termination charge will equal the difference between 27 months of rates and charges at the 3 year service term and 27 months of rates and charges at the 2 year term (which is the next lower service term actually completed) plus interest at the annuity factor discount rate in effect at the time of termination. The second calculation will be the sum of the 9 remaining monthly payments of the 3 year service term. The termination charge is the lesser of the two calculations.

4.7.6 Customers currently subscribing to MegaLink 1.5 Service on a month-to-month basis may convert their existing service to either a two or three year TPP. Nonrecurring charges will be waived at the time of conversion.

Customers may upgrade their service to a greater bandwidth (e.g. MegaLink 1.5 to MegaLink 45) without incurring a termination charge provided that the new TPP is of equal or greater duration. The nonrecurring charge associated with new service will apply.

CANCELLED

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Missouri Public Sorvice Commission

FILED NOV - 5 1999

Issued: October 6, 1999

Effective: November 5, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri (MT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 4 Original Sheet 27.01

# MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

- 4.7 TERM PRICING PLAN (cont'd)
- (MT) 4.7.6 Customers currently subscribing to MegaLink 1.5 Service on a month-to-month basis may convert their existing service to either a one, two, three or five year TPP. Nonrecurring charges will be waived at the time of conversion.

Customers may upgrade their service to a greater bandwidth (e.g. MegaLink 1.5 to MegaLink 45) without incurring a termination charge provided that the new TPP is of equal or greater duration. The nonrecurring charge associated with new service will apply.

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Digital Link Services Tariff
Section 4
3rd Revised Sheet 28
Replacing 2nd Revising Sheet 28

### MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

- 4.7 TERM PRICING PLAN (Continued)
  - 4.7.7 TPP Rates and Charges
    - 1. Local Distribution Channel
      - Per channel terminated on a customer's premises.

	<u>TPP</u>	<u>USOC</u>	Monthly Rates	Service Charge (1)
(AT)	1 Year	1LDPJ	\$185.00	\$685.00
	2 Years	1LDPJ	165.00	400.00
	3 Years	1LDPJ	130.00	200.00
	5 Years	1LDPJ	110.00	200.00

2. Interoffice Channel Mileage

Rate per V-H mile or fraction thereof, between serving wire centers, or between a serving wire center and digital hub.

			Monthly 1	Rates
<u>TPP</u>	Mileage Band	<u>USOC</u>	<u>Fixed</u>	Per Mile
1 Year	0	3LBNA	None	None
	Over 0	3LBNB	\$80.00	\$17.00
2 Years	0	3LBNA	None	None
	Over 0	3LBNB	70.00	12.75(CR)
3 Years	0	3LBNA	None	None
	Over 0	3LBNB	62.50	9.50(CR)
5 Years	0	3LBNA	None	None
	Over 0	3LBNB	55.00	9.00
	1 Year 2 Years 3 Years	1 Year 0 Over 0 2 Years 0 Over 0 3 Years 0 Over 0 5 Years 0	1 Year 0 3LBNA Over 0 3LBNB 2 Years 0 3LBNA Over 0 3LBNB 3 Years 0 3LBNA Over 0 3LBNB 5 Years 0 3LBNB	1 Year       0       3LBNA       None         Over 0       3LBNB       \$80.00         2 Years       0       3LBNA       None         Over 0       3LBNB       70.00         3 Years       0       3LBNA       None         Over 0       3LBNB       62.50         5 Years       0       3LBNA       None

(CT) (1) For those customers who choose a TPP period of 2 years or greater in length, Service Charges will not apply for new service. However, customers requesting termination of service prior to the completion of a minimum 2 years or greater TPP, will become liable for full payment of Service Charges as described in 4.7.5 preceding.

Issued: September 29, 2003 Effective: October 29, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff
Section 4
2nd Revised Sheet 28
Replacing 1st Revised Sheet 28

#### **MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE**

4.7 TERM PRICING PLAN - (Continued)

Missouri Public Service Commission

4.7.7 TPP Rates and Charges

REC'D SEP 07 2001

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- 1. Local Distribution Channel
  - Per channel terminated on a customer's premises.

TPP	<u>USOC</u>	Monthly Rates	Charge (1)
2 Years	1LDPJ	\$165.00	\$400.00
3 Years	<b>ILDPJ</b>	130.00 (NR)	200.00
5 Years	1LDPJ	110.00 (NR)	200.00

2. Interoffice Channel Mileage

Rate per V-H mile or fraction thereof, between serving wire centers, or between a serving wire center and digital hub.

			<u> Monthly</u>	<u>y Kates .</u>
<u>TPP</u>	Mileage Band	<u>USOC</u>	<u>Fixed</u>	Per Mile
2 Years	0	3LBNA	None	None
	Over 0	3LBNB	\$70.00	\$12.00
3 Years	0	3LBNA	None	None
	Over 0	3LBNB	62.50	9.00
5 Years	0	3LBNA	None	None
	Over 0	3LBNB	55.00 (NI	<b>?</b> ) 9,00
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(1) For those customers who choose a TPP period of 3 years or greater in length, Service Charges will not apply for new service. However, customers requesting termination of service prior to the completion of a minimum 3 years or greater TPP, will become liable for full payment of Service Charges as described in 4.7.5 preceding.

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By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Missouri Public Service Commission

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Digital Link Service Tariff
Section 4
Supplemental Schedule
1st Revised Sheet 28
Replacing Original Sheet 28

MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

Missouri Public

4.7 TERM PRICING PLAN – (Continued)

REC'D APR 2 5 2001

4.7.7 TPP Rates and Charges

Service Commission

- 1. Local Distribution Channel
- Per channel terminated on a customer's premises.

<u>TPP</u>	<u>USOC</u>	Monthly Rates	Charge (1) (AT)
2 Years	lLDPJ	\$165.00	\$400.00
3 Years	1L <b>DPJ</b>	140.00	200.00
5 Years	1LDPJ	140.00 (NR)	200,00 (NR)

(AT)

(AT)

(AT)

2. Interoffice Channel Mileage

Rate per V-H mile or fraction thereof, between serving wire centers, or between a serving wire center and digital hub.

			<u>. Monthly</u>	Rates .
<u>TPP</u>	Mileage Band	<u>USOC</u>	<u>Fixed</u>	Per Mile
2 Years	0	3LBNA	None	None
	Over 0	3LBNB	\$70.00	\$12.00
3 Years	0	3LBNA	None	None
	Over 0	3LBNB	62.50	9.00
5 Years	0	3LBNA	None (NR)	None (NR)
	Over 0	3LBNB	62.50 (NR	) 9.00 (NR)

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Public Service Commission
MISSOURI

Missouri Public

FILED MAY 2 5 2001

Service Commission

(1) For those customers who choose a TPP period of 3 years or greater in length, Service Charges will not apply for new service. However, customers requesting termination of service prior to the completion of a minimum 3 years or greater TPP, will become liable for full payment of Service Charges as described in 4.7.5 preceding.

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Effective: May 25, 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff Section 4 Supplemental Schedule Original Sheet 28

# MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

### 4.7 TERM PRICING PLAN – (Continued)

4.7.7 TPP Rates and Charges

1. Local Distribution Channel

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Per channel terminated on a customer's premises.

TPP	USOC	Monthly Rates	Service Charge
2 Years	ILDPJ	\$165.00	\$400.00
3 Years	ILDPJ	140.00	200.00

### 2. Interoffice Channel Mileage

Rate per V-H mile or fraction thereof, between serving wire centers, or between a serving wire center and digital hub.

			<u>.                                    </u>	ly Kates .
TPP	Mileage Band	<u>USOC</u>	Fixed	Per Mile
2 Years	0	3LBNA	None	None
	Over 0	3LBNB	\$70.00	\$12.00
3 Years	0	3LBNA	None	None
	Over 0	3LBNB	62.50	9.00

CANCELLED

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By Service Commission

MISSOURI

Missouri Public Service Commission

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Digital Link Services Tariff Section 4 3rd Revised Sheet 29 Replacing 2nd Revising Sheet 29

# MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

- 4.7 TERM PRICING PLAN (Continued)
  - 4.7.7 TPP Rates and Charges
    - 3. Clear Channel Capability
      - Per local distribution channel

	<u>TPP</u>	<u>USOC</u>	Monthly Rates	<u>Charge</u>
(AT)	1 Year	CLR	None	None
	2 Years	CLR	None	None
	3 Years	CLR	None	None
	5 Years	CLR	None	None

- Central Office Multiplexing

				Monthl	y Rates	
(AT)		<u>USOC</u>	1 Year	2 Years	3 Years	5 Years
	<ul><li>1.544 Mbps (DS1) to</li><li>Voice</li><li>Per arrangement</li></ul>	MQ1	\$210.00(NR)	\$205.00(CR)	\$185.00(CR)	\$175.00(CR)
	1.544 Mbps (DS1) to 64.0 kbps(DS0) - Per arrangement	QMU	\$210.00(NR)	205.00(CR)	185.00(CR)	175.00(CR)
	<ul><li>64.0 kbps (DS0) to Subrate</li><li>Per arrangement</li><li>Up to twenty 2.4 kbps</li></ul>					
	services - Up to ten 4.8 kbps	QSU24		135.00	135.00	135.00
	services - Up to five 9.6 kbps	QSU48		140.00	140.00	140.00
	services	QSU96		145.00	145.00	145.00

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By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff
Section 4
2nd Revised Sheet 29
Replacing 1st Revised Sheet 29

Service

# MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE MISSOURI Public Service Commission

- 4.7 TERM PRICING PLAN (Continued)
- 4.7.7 Rates and Charges

REC'D SEP 07 2001

- 3. Clear Channel Capability
  - Per local distribution channel

	<u>TPP</u>	<u>USOC</u>	<u>Monthly</u>	Rates	<u>Charg</u>	<u>e</u>
	2 Years	CLR	Non	e	None	<b>:</b>
	3 Years	CLR	Non	e	None	:
	5 Years	CLR	Non	e	None	:
_	Central Office Multip	olexing	USOC	<u> </u>	Monthly R	Lates .
	•	J		2 Years	3 Years	5Years
	1.544 Mbps (DS1)	) to Voice				
	- Per arrangement		MQ1	\$190.00	\$175.00	\$164.00 (NR)
	1.544 Mbps (DS1)	) to 64.0 kbps(DS0)				
	- Per arrangement	• • •	QMU	190.00	175.00	164.00 (NR)
	64.0 kbps (DS0) to	o Subrate				
	- Per arrangement					
	- Up to twenty 2.4	kbps services	QSU24	135.00	135.00	135.00
	- Up to ten 4.8 kbj	ps services	QSU48	140.00	140.00	140.00

QSU96

145.00

145.00

145.00

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- Up to five 9.6 kbps services

OCT 2.9 2003 29 Public Service Commission Public Service CORI

Issued: September 7, 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri Effective: October 8, 2001

Missouri Public Service Commission

FILED OCT 0 8 2001

Digital Link Service Tariff Section 4 1st Revised Sheet 29 Replacing Original Sheet 29

# MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICEMISSOURI Public

4.7 TERM PRICING PLAN – (Continued)

REC'D APR 2 5 2001

4.7.7 Rates and Charges

(AT)

3. Clear Channel Capability

Service Commission

Per local distribution channel

TPP	<u>USOC</u>	Monthly Rates	Charge
2 Years	CLR	None	None
3 Years	CLR	None	None
5 Years	CLR	None	None

Central Office Multiplexing USOC Monthly Rates 2 Years 3 Years 5Years (AT) 1.544 Mbps (DS1) to Voice - Per arrangement MQ1 \$190.00 \$175.00 \$175.00 (NR) 1.544 Mbps (DS1) to 64.0 kbps(DS0) **QMU** 190.00 175.00 - Per arrangement 175.00 64.0 kbps (DS0) to Subrate - Per arrangement - Up to twenty 2.4 kbps services QSU24 135.00 135.00 135.00 - Up to ten 4.8 kbps services QSU48

QSU96

140,00

145.00

140.00

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- Up to five 9.6 kbps services

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Missouri Public

140.00

145.00 (NR)

FILED MAY 2 5 2001

Service Commission

Issued: April 25, 2001

Effective: May 25, 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff Section 4 Original Sheet 29

# MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

### 4.7 TERM PRICING PLAN - (Continued)

Missouri Public Service Commission

4.7.7 Rates and Charges

3. Clear Channel Capability

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- Per local distribution channel

<u>TPP</u>	<u>USOC</u>	Monthly Rates	Charge
2 Years	CLR	None	None
3 Years	CLR	None	None

Central Office Multiplexing	. Monthly Rates .			
	2 Years	3 Years		
1.544 Mbps (DS1) to Voice				
- Per arrangement	\$190.00	\$175.00		
1.544 Mbps (DS1) to 64.0 kbps(DS0)				
- Per arrangement	190.00	175.00		
64.0 kbps (DS0) to Subrate				
- Per arrangement				
- Up to twenty 2.4 kbps services	135.00	135.00		
- Up to ten 4.8 kbps services	140.00	140.00		
- Up to five 9.6 kbps services	145.00	145.00		

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FILED NOV - 5 1999

Issued: October 6, 1999 Effective: November 5, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Service Tariff Section 4 1st Revised Sheet 30 Replacing Original Sheet 30

# MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

#### 4.8 VOLUME PRICING PLAN

- When a customer terminates five or more MegaLink 1.5 Local Distribution Channels at a single location under a three or five year TPP, the customer may receive SecureNet upon request.
  - When a customer terminates ten or more MegaLink 1.5 Local Distribution Channels at a single location under either TPP, the customer may receive SecureNet upon request.
  - When a customer terminates twenty or more MegaLink 1.5 Local Distribution Channels within a single LATA under either TPP, and the customer elects to purchase Network Reconfiguration Service, NRS DS1 port monthly rates for Local Distribution Channels exceeding the minimum threshold of nineteen will not apply.

Issued: April 25, 2001 Effective: May 25, 2001



Digital Link Service Tariff Section 4 Original Sheet 30

Miscouri Public Service Commission

# MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

#### 4.8 VOLUME PRICING PLAN

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- When a customer terminates five or more MegaLink 1.5 Local Distribution Channels at a single location under a three year TPP, the customer may receive SecureNet upon request.
- When a customer terminates ten or more MegaLink 1.5 Local Distribution Channels at a single location under either TPP, the customer may receive SecureNet upon request.
- When a customer terminates twenty or more MegaLink 1.5 Local Distribution Channels within a single LATA under either TPP, and the customer elects to purchase Network Reconfiguration Service, NRS DS1 port monthly rates for Local Distribution Channels exceeding the minimum threshold of nineteen will not apply.

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Effective: November 5, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff Section 4 Original Sheet 31

## MEGALINK® 1.5 HIGH CAPACITY DIGITAL SERVICE

#### 4.9 PROMOTIONS

This section provides for promotion that will be available under the Megalink 1.5 High Capacity Digital Service tariff and, unless otherwise stated, the Rules and Regulations for Megalink 1.5 High Capacity Digital Service will apply. These rules and regulations are in addition to other rules and regulations as contained in this and other SWB tariffs.

### 4.9.1 Promotional Period for Megalink 1.5 High Capacity Digital Service

A promotional period will be conducted from August 1, 2000 through October 24, 2000, for the Megalink 1.5 High Capacity Digital Service. This promotion will apply only to new Megalink 1.5 High Capacity Digital Service ordered under 2 year or 3 year Term Pricing Plans (TPP). Customers must place orders for new service between August 1, 2000 and October 24, 2000 with a requested installation date no later than November 10, 2000.

For customers ordering service during this promotion, the Service Charges associated with the Local Distribution Channel will be waived. Should a customer who requests service under this promotion terminate their service prior to the expiration date of their TPP, the Service Charge originally waived will be due in addition to termination charges as detailed in 4.7 previous.

Issued: June 30, 2000 Effective: August 1, 2000



Digital Link Services Tariff
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# (CT) MICROLINK I® - Public Switched Digital Service

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	5.2	Definitions	1
	5.3	Rules and Regulations	2
	5.4	Service Availability	3
	5.5	Responsibility of the Customer	3
(DT)	5.6	Responsibility of the Telephone Company	4
(RT) (FC)	5.7	Rates and Charges	5-6

(CT) ®Registered Service Mark of Southwestern Bell Telephone Company.

Issued: April 20, 1990 Effective: May 20, 1990



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5.1	General	Public Service Commission
5.2	Definitions	1
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5.4	Service Availability	
5.5	Responsibility of the Customer	
5.6	Responsibility of the Telephone	e Company
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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
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2nd Revised Sheet 1
Replacing 1st Revised Sheet 1

### MICROLINK I® - PUBLIC SWITCHED DIGITAL SERVICE

#### 5.1 General

- 5.1.1 MICROLINK I is a discretionary business network service which provides the capability of full duplex synchronous, 56 kilobit per second, data only, switched digital end-to-end information transport.
- 5.1.2 This service is available to customers in those LATAs served by and within the service territories of Southwestern Bell Telephone Company, herein referred to as the Telephone Company. The originating and termination calling scope of MICROLINK I is confined and limited to intraLATA service area applications.
- 5.2 Definitions

(MT)

Definitions previously appearing on this sheet can now be found in Section 2.1 of this tariff.

 $(M^{\dagger}T)$ 

Issued: July 3, 1991 Effective: August 2, 1991



Digital Link Services Tariff
Section 5
1st Revised Sheet 1
Replacing Original Sheet 1

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MICROLINK 18 - PUBLIC SWITCHED DIGITAL SERVICE RECEIVED

5.1 General

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5.1.1 MICROLINK I is a discretionary business network service which provides the capability of full duplex synchronous, 56 kilobit per second data only, switched digital end-to-end information transport.

5.1.2 This service is available to customers in those LATAs served by and within the service territories of Southwestern Bell Telephone Company, herein referred to as the Telephone Company. The originating and termination calling scope of MICROLINK I is confined and limited to intraLATA service area applications.

#### 5.2 Definitions

- A. <u>Kbps</u> Kilobits per second. Another way to express is one thousand bits per second.
- B. Network Call Usage The rates applicable for chargeable time which contains the initial period charge or the initial period plus the additional time charge.
- C. <u>Service Arrangement</u> An arrangement consisting of the appropriate software, located at Telephone Company serving wire centers, that is necessary to provide switched 56 Kbps service.
- D. <u>Synchronous</u> Having a constant time interval between successive bits, characters or events. The term implies that all equipment in the system is in step.
- E. <u>Telephone Service Line Conditioning</u> The unique effort required to provision the customer's loop facility for transporting digital signals of up to 56 Kbps.
- F. Telephone Service Line (MICROLINK I) Composed of the serving central office line equipment, all outside plant facilities needed to connect the serving central office with the customer premises and the network interface. These facilities are Telephone Company furnished and maintained and provide access to and from the telecommunications network for data only information transport. The MICROLINK I Telephone Service Line is subject to the nonrecurring charges specified in Section 5.7 of this tariff.

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Issued: APR 2 0 1990

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Digital Link Services Tariff Section 5 PEDEIVED t 1

MICROLINK 1SM - PUBLIC SWITCHED DIGITAL SERVICE AY 15 1989

5.1 General

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Public Service Commission

- 5.1.1 MICROLINK I is a discretionary business network service which provides the capability of full duplex synchronous, 56 kilobit per second, data only, switched digital end-to-end information transport.
- 5.1.2 This service is available to customers in those LATAs served by and within the service territories of Southwestern Bell Telephone Company, herein referred to as the Telephone Company. The originating and terminating calling scope of MICROLINK I is confined and limited to intraLATA service area applications.
- 5.2 Definitions
  - Kbps Kilobits per second. Another way to express is one thousand bits per second.
- Network Call Usage The rates applicable for chargeable time which contains the initial period charge or the initial period plus the additional time charge.
- Service Arrangement An arrangement consisting of the appropriate software, located at Telephone Company serving wire centers, that is necessary to provide switched 56 Kbps service.
- Synchronous Having a constant time interval between successive bits, characters or events. The term implies that all equipment in the system is in step.
- Telephone Service Line Conditioning The unique effort required to provision the customer's loop facility for transporting digital signals of up to 56 Kbps.
- F. Telephone Service Line (MICROLINK I) Composed of the serving central office line equipment, all outside plant facilities needed to connect the serving central office with the customer premises and the network interface. These facilities are Telephone Company furnished and maintained and provide access to and from the telecommunications network for data only information transport. The MICROLINK I Telephone Service Line is subject to the nonrecurring charges specified in Section 5.8 of this tariff.

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Issued: MAY 15 1989

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Digital Link Services Tariff
Section 5
1st Revised Sheet 2
Replacing Original Sheet 2

## (CT) MICROLINK I® - PUBLIC SWITCHED DIGITAL SERVICE

- 5.3 Rules and Regulations
  - A. The following Rules and Regulations are in addition to other Rules and Regulations as stated in this and other Telephone company tariffs.
  - B. Provision of this service is subject to the availability and operational limitations of the equipment and associated facilities.
  - C. MICROLINK I requires the use of a customer-provided data unit which must be compatible with the Telephone Company's equipment and facilities and is subject to the interface specification as specified in the Bell Communications Research, Inc., Technical Reference TR-EOP-000277, Section 3.
  - D. The rates and charges for MICROLINK I service are in addition to the established monthly and nonrecurring charges applicable to services terminated in or used in conjunction with MICROLINK I.
  - E. Temporary suspension of service at the request of the customer, either partial or complete, is not applicable for this offering.
  - F. Customer-initiated changes and rearrangements of the MICROLINK I service will be based upon cost, including engineering, labor and material.
  - G. Where a variety of equipment and facilities may be used to provide MICROLINK I service, the Telephone Company reserves the right to determine which shall be used to modify and change such equipment and facilities at its option.
  - H. The minimum billing period for this service is one month. If service is discontinued after the first month during a fractional part of a month, all appropriate charges will be based on the actual number of days the service is 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.
  - I. MICROLINK I service, when furnished at the same premises in combination with other Local Exchange Service, shall not be considered to be in conflict with the rules of paralleling service.

Issued: April 20, 1990 Effective: May 20, 1990



Digital Link Services Tariff
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MICROLINK ISM - PUBLIC SWITCHED DIGITAL SERVICE

MAY 1 5 1989

- 5.3 Rules and Regulations
  - MISSOURI

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Effective: JUL 2.0.1989

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 5
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Replacing 1st Revised Sheet 3

### MICROLINK I® - PUBLIC SWITCHED DIGITAL SERVICE

#### 5.4 Service Availability

- A. MICROLINK I service is available to customers within a Primary Market Area. A Primary Market Area is distinguishable as being an exchange area containing one or more suitably equipped serving office(s). Within a PMA, customer's premises need not be within the actual suitably equipped serving office area. MicroLink I service is also available to customers whose serving central offices are located outside the Primary Market Area. In this case, the customer must also order a Link Extension and pay the applicable distance sensitive rates for connecting the serving central office to the nearest office within the PMA. The Primary Market Area does not include any exchange optional or special optional type local calling arrangements.
- B. MICROLINK I service does not have available the local calling scopes of <u>optional</u> Extended Area Service (or any other optional Extended Area Service-like calling plan).

### 5.5 Responsibility of the Customer

- A. Where MICROLINK I service is available for use in connection with terminal equipment or communication systems provided by a customer or user, the operating characteristics of such equipment or systems shall be such as not to interfere with any of the services offered by the Telephone Company. Such use is subject to the further provisions that the equipment provided by a customer or user does not endanger the safety of the Telephone Company employees or the public; damage, require change in, or alteration of the equipment or other services of the Telephone Company; interfere with the proper functioning of such equipment or services; impair the operation of the Telephone Company's equipment; or otherwise injure the public in its use of the Telephone Company services. Upon notice from the Telephone Company that the equipment provided by customer or user is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.
- B. The customer, upon request, shall furnish such information as may be required to permit the Telephone Company to design and maintain the MICROLINK I service it offers and to ensure that the service arrangement is in accordance with the regulations contained herein.
- C. It shall be the responsibility of the customer to ensure the continuing compatibility of the customer-provided terminal and data unit equipment that is used in conjunction with the MICROLINK I service.
- D. MicroLink I service allows the customer to presubscribe to a selected Interexchange Carrier for carrying Long Distance traffic, but it is the customer's responsibility to ensure the Interexchange Carrier's network is capable of carrying the switched digital 56 Kbps format.

Issued: May 24, 1994 Effective: July 02, 1994



Digital Link Services Tariff Section 5 1st Revised Sheet 3 Replacing Original Sheet 3

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MICROLINK 1 - PUBLIC SWITCHED DIGITAL SERVICE

APR 2 0 1990

- 5.4 Service Availability
- A. MICROLINK I service is available within a Primary Market Area. A Prim Market Area is distinguishable as being an exchange area Containing a suitably equipped DMS-100 serving office. A customer's premises need not be within the actual DMS-100 serving office area. Foreign Exchange Service charges will be applicable for service when outside the Primary Market Area. The Primary Market Area does not include any exchange optional/special optional type local calling arrangements.
- B. MICROLINK I service does not have available the local calling scopes of optional Extended Area Service (or any other optional Extended Area Service-like calling plan).
- 5.5 Responsibility of the Customer
- A. Where MICROLINK I service is available for use in connection with terminal equipment or communication systems provided by a customer or user, the operating characteristics of such equipment or systems shall be such as not to interfere with any of the services offered by the Telephone Company. Such use is subject to the further provisions that the equipment provided by a customer or user does not endanger the safety of the Telephone Company employees or the public; damage, require change in, or alteration of the equipment or other services of the Telephone Company; interfere with the proper functioning of such equipment or services; impair the operation of the Telephone Company's equipment; or otherwise injure the public in its use of the Telephone Company services. Upon notice from the Telephone Company that the equipment provided by customer or user is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.
- B. The customer, upon request, shall furnish such information as may be required to permit the Telephone Company to design and maintain the MICROLINK I service it offers and to ensure that the service arrangement is in accordance with the regulations contained herein.
- C. It shall be the responsibility of the customer to ensure the continuing compatibility of the customer-provided terminal and data unit equipment that is used in conjunction with the MICROLINK I service.

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Issued: APR 2 0 1990

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5.4 Service Availability

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- A. MICROLINK I service is available within a Primary Marketi Arearvice Primaryission Market Area is distinguishable as being an exchange area containing a suitably equipped DMS-100 serving office. A customer's premises need not be within the actual DMS-100 serving office area. Foreign Exchange Service charges will be applicable for service when outside the Primary Market Area. The Primary Market Area does not include any exchange optional/special optional type local calling arrangements.
- B. MICROLINK I service does not have available the local calling scopes of optional Extended Area Service (or any other optional Extended Area Service-like calling plan).
- 5.5 Responsibility of the Customer
- A. Where MICROLINK I service is available for use in connection with terminal equipment or communications systems provided by a customer or user, the operating characteristics of such equipment or systems shall be such as not to interfere with any of the services offered by the Telephone Company. Such use is subject to the further provisions that the equipment provided by a customer or user does not endanger the safety of the Telephone Company employees or the public; damage, require change in, or alteration of the equipment or other services of the Telephone Company; interfere with the proper functioning of such equipment or services; impair the operation of the Telephone Company's equipment; or otherwise injure the public in its use of the Telephone Company services. Upon notice from the Telephone Company that the equipment provided by customer or user is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.
- B. The customer, upon request, shall furnish such information as may be required to permit the Telephone Company to design and maintain the MICROLINK I service it offers and to ensure that the service arrangement is in accordance with the regulations contained herein.
- C. It shall be the responsibility of the customer to ensure the continuing compatibility of the customer-provided terminal and data unit equipment that is used in conjunction with the MICROLINK I service.

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MAY 15 1989 Issued:

Effective:

JUL 2 0 1989

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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Section 5
2nd Revised Sheet 4
Replacing 1st Revised Sheet 4

### MICROLINK I® - PUBLIC SWITCHED DIGITAL SERVICE

- 5.6 Responsibility of the Telephone Company
  - A. The Telephone Company shall not be responsible for installation, operation or maintenance of any terminal equipment, data unit or communications systems provided by a customer or user. The Telephone Company is not responsible for adapting MICROLINK I service to the technological requirements of any specific customer equipment. The responsibility of the Telephone Company shall be limited to the furnishing of network equipment suitable for MICROLINK I service and to the maintenance and operation of such equipment in a manner proper for such service. Subject to this responsibility the Telephone Company shall not be responsible for the through transmission of signals generated by customer provided equipment or system, or for the quality of, or defects in, such transmission or the reception of signals by such equipment or systems.
  - B. The Telephone Company shall not be responsible to the customer or user, if changes in any of the equipment, operations, or procedures of the Telephone Company utilized in the provision of MICROLINK I service render any facilities provided by a customer or user obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance, provided the Telephone Company has met any applicable information disclosure requirements.
- C. The Telephone Company undertakes the responsibility to maintain and repair the service which it furnishes. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interfere with any network equipment on the Telephone Company side of the Demarcation Point without prior written consent of the Telephone Company.
- D. The Telephone Company, by written notice to the customer, may immediately discontinue the furnishing of MICROLINK I service without incurring liability upon nonpayment of any sum due to the Telephone Company or a violation of any condition governing the furnishing of service.

By A. D. ROBERTSON, Assistant Vice President-External Affairs Southwestern Bell Telephone Company St. Louis, Missouri





Digital Link Services Tariff Section 5 1st Revised Sheet 4

Replacing Original Sheet 4 RECEIVED

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MICROLINK 1 - PUBLIC SWITCHED DIGITAL SERVICE

5.6 Responsibility of the Telephone Company

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- The Telephone Company shall not be responsible for installation Coperation or maintenance of any terminal equipment, data unit Forbiommunications mission systems provided by a customer or user. The Telephone Company is not responsible for adapting MICROLINK I service to the technological requirements of any specific customer equipment. The responsibility of the Telephone Company shall be limited to the furnishing of network equipment suitable for MICROLINK I service and to the maintenance and operation of such equipment in a manner proper for such service. Subject to this responsibility the Telephone Company shall not be responsible for the through transmission of signals generated by customer provided equipment or system, or for the quality of, or defects in such transmission, or the reception of signals by such equipment or systems.
- The Telephone Company shall not be responsible to the customer or user, if changes in any of the equipment, operations, or procedures of the Telephone Company utilized in the provision of MICROLINK I service render any facilities provided by a customer or user obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance, provided the Telephone Company has met any applicable information disclosure requirements.
- The Telephone Company undertakes the responsibility to maintain and repair the service which it furnishes. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interfere with any network equipment installed by the Telephone Company without prior written consent of the Telephone Company.
- The Telephone Company, by written notice to the customer, may immediately discontinue the furnishing of MICROLINK I service without incurring liability upon nonpayment of any sum due to the Telephone Company or a violation of any condition governing the furnishing of service.

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Issued: APR 2 0 1990

Effective: MAY 2 0 1990

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Digital Link Services Tariff
Section 5
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MICROLINK ISM - PUBLIC SWITCHED DIGITAL SERVICE

MAY 1 5 1989

- 5.6 Responsibility of the Telephone Company
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- B. The Telephone Company shall not be responsible to the customer or user if changes in any of the equipment, operations or procedures of the Telephone Company utilized in the provision of MICROLINK I service render any facilities provided by a customer or user obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance, provided the Telephone Company has met any applicable information disclosure requirements.
- C. The Telephone Company undertakes the responsibility to maintain and repair the service which it furnishes. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interfere with any network equipment installed by the Telephone Company without prior written consent of the Telephone Company.
- D. The Telephone Company, by written notice to the customer, may immediately discontinue the furnishing of MICROLINK I service without incurring liability upon nonpayment of any sum due to the Telephone Company or a violation of any condition governing the furnishing of service.
- 5.7 Flexible Pricing
- A. MICROLINK I rates for Network Call Usage as specified in the rate application schedules of this Tariff following are subject to change in keeping with the provisions prescribed below:

Network Call Usage	Minimum Rate	Maximum Rate
Initial Period Additional Minute	OSANCEL	LED .20
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Issued: MAY 15 1989

Effective:

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri 8

89-257 89-256 Public Service Commission (CR)

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# MICROLINK I $^{\otimes}$ - PUBLIC SWITCHED DIGITAL SERVICE

### 5.7 Rate and Charges

## A. MICROLINK I Service Components

	<u>USOC</u>		Monthly <u>Rate</u>		Nonrecurring <u>Charge (6)</u>		
					Initial <u>Unit (4)</u>		ddl. it (5)
Site Link (1)							
56 Kbps-2 Wire, each	C5UQX	(CR)	\$70.00	(CR)	\$390.00	(CR)	\$330.00
56 Kbps-4 Wire, each	C5URX	(NR)	90.00	(NR)	410.00	(NR)	350.0
336 Kbps (6 Channels), each	C5UOX		225.00	ļ	1050.00		930.00
1.344 Mbps (24 channels), each	C5UMX	l	400.00		1100.00	l	960.00
Site Link Options (2)							
Automatic Line, per channel Subgroup Arrangement, per Group	HLP	   	.50		N/A		N/A
- 336 Kbps	SGHOX	į	.50	į	80.00	į	80.00
- 1.344 Mbps	SGHMX		2.00		80.00		80.00
Link Extension (3)							
56 Kbps, each Charge per Mile	C5E5X	 			N/A		N/A
336 Kbps, each Charge per Mile	C5EOX	 			N/A		N/A
1.344 Mbps, each	C5EMX		51.30		N/A		N/A
Charge per Mile		(NR)	17.70	(NR)		(NR)	

Issued: May 24, 1994 Effective: July 02, 1994



By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations Southwestern Bell Telephone St. Louis, Missouri

Digital Link Services Tariff Section 5 1st Revised Sheet 5 Replacing Original Sheet 5

(CT)

MICROLINK 18 - Public Switched Digital Service CEIVED

(RT) (RT)

APR 20 1990

MISSOURI

**Public Service Commission** 

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(FC) 5.7 Rate and Charges

1.

3.

A. MICROLINK I Service Components(1)

·	USOC Rate		Charge	
			<pre>Initial Unit(4)</pre>	Addl. <u>Unit</u> (5)
Telephone Service Line, each (2)(3) Telephone Service Service Line	DTEAX	\$ 88.00	(8)	
Conditioning, each Service Arrangement, each	SESPL SDH1A	s 4.80	\$260.00	\$ 10.00
-Primary (6) -Secondary (7)		Ų	\$385.00 290.00	115.00 115.00

(1) The Telephone Service Line, Conditioning and Service Arrangement components are not offered separately.

(2) Touch-Tone Calling Service is required for each Telephone Service Line except in cases where service is arranged for inward-only.

Speed Calling Service is an option available with this offering.

(4) The Initial Unit charge applies to the first MICROLINK I service ordered per customer premises, per installation date.

the Additional Unit charge applies to all other MICROLINK I service ordered (5) per customer premises, per installation date.

(6) Primary charges apply when MICROLINK I service is first being established for a customer.

Secondary charges apply to MICROLINK I service when subsequently added for the same customer at the same premises.

In addition, service charges apply as found in Section 19 of the General Exchange Tariff.

Issued: APR 2 0 1990

Effective: MAY 2 0 1990

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# RECEIVED

# MICROLINK ISM - PUBLIC SWITCHED DIGITAL SERVICE

MAY 1 5 1989

- 5.7 Flexible Pricing (continued)
- B. The Telephone Company has the right to change the current rates in paragraph 5.8, following, provided such rate changes are within the range band of rates specified in paragraph A., preceding. Written notice and revised tariff sheets will be provided to the Commission within ten days after the effective date of any change in rates.
- C. A rate will not be changed unless it has been in effect for at least 30 days.
- 5.8 Rate and Charges
- A. MICROLINK I Service Components(1) LED

	MAY 20 1990 BY 14 R.S. #5	usoc	Monthly Rate	Nonrecurring Charge	
	Telephone Service Line, each (2)(3) Telephone Service Line Conditioning, each Service Arrangement, each	<sub>SS</sub> iON		InitialUnit(4)	Add1. Unit(5)
1.	Telephone Service Line, each (2)(3)	DTEAX	\$ 88.00	(8	3)
2.	Telephone Service Line				
	Conditioning, each	SESPL		\$260.00	\$ 10.00
3.	Service Arrangement, each	SDH1A	\$ 4.80		
	-Primary (6)			385.00	115.00
	-Secondary (7)			290.00	115.00

- (1) The Telephone Service Line, Conditioning and Service Arrangement components are not offered separately.
- (2) Touch-Tone Calling Service is required for each Telephone Service Line except in cases where service is arranged for inward-only.
- (3) Speed Calling Service is an option available with this offering.
- (4) The Initial Unit charge applies to the first MICROLINK I service ordered per customer premises, per installation date.
- (5) The Additional Unit charge applies to all other MICROLINK I service ordered per customer premises, per installation date.
- (6) Primary charges apply when MICROLINK I service is first being established for a customer.
- (7) Secondary charges apply to MICROLINK I service when subsequently added for the same customer at the same premises.
- (8) In addition, service charges apply as found in Section 19 of the General Exchange Tariff.

Issued: MAY 15 1983

Effective:

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### MICROLINK I® - PUBLIC SWITCHED DIGITAL SERVICE

- 5.7 Rate and Charges (continued)
- (RT) A. MICROLINK I SERVICE COMPONENTS (continued)

(RT) <u>CHARGE</u>

(CT) 4. Network Call Usage (6)

Calling within the same local service area (Local),

- each connection of one minute or any fraction thereof (7) (CR) \$ 0.04

(AT) B. SERVICE ORDER CHARGE

Service Order Charge

Applies to all customer initiated orders for any MICROLINK I service components, independent

of the number of components, per order. (NR) \$45.00

- (1) An End User Common Line (EUCL) charge as set forth in Southwestern Bell Telephone Company's Access Service Tariff, FCC 73, is applicable per Site Link channel.
  - (2) These optional features are available only in conjunction with the Site Link feature.
  - (3) A Link Extension must be associated with a Site Link. The Link Extension is assessed both the monthly base rate <u>and</u> the monthly mileage charge which is calculated using the distance from the customer's serving office to the nearest office within the PMA.
  - (4) The Initial Unit charge applies to the first MICROLINK I service ordered per customer premises, per installation date.
  - (5) The additional Unit charge applies to all other MICROLINK I ordered per customer premises, per installation date
- (AT) (6) Network Call Usage does not apply to calls which incur toll charges from any Interexchange or
   (AT) Local Exchange Carrier.
- (CT) (7) The timing of the call begins when connection is established between the calling MICROLINK I
  Site Link channel and the called MICROLINK I Site Link channel and ends when the connection is
  terminated at any point. Network call usage applies only to outgoing calls.

Issued: May 24, 1994 Effective: July 02, 1994

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(CT)

MICROLINK 18 - Public Switched Digital Service CEIVED

(FC) 5.7 Rate and Charges (continued)

APR 20 1990

A. MICROLINK I SERVICE COMPONENTS(1) - (continued)

MONTHLY Service Commission

4. Network Call Usage (1)

-Initial period, each connection of one minute or any fraction thereof. . .

\$.12

-Additional minute, each additional minute of use or any fraction thereof that the connection continues beyond the Initial Period. . .

\$.10

CANCELLED

JUL 2 1994

BY 2 A R. S. C.

Public Service Commission

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(1) The timing of call begins when connection is established between the calling MICROLINK I Service Arrangement and the called MICROLINK I Service Arrangement and ends when he connection is terminated at any point. Network call usage applies only to outgoing calls.

Issued: APR 2 0 1990

Effective: MAY 2 0 1990

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# MICROLINK ISM - PUBLIC SWITCHED DIGITAL SERVICE

5.8 Rate and Charges (continued)

4. Network Call Usage (1)

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A. MICROLINK I SERVICE COMPONENTS(1)- (continued)

MAY 1 5 1989

MONTHLY USAGE CHARGE

MISSOURI

**Public Service Commission** 

-Initial Period, each connection of one minute or any fraction thereof. . . .

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-Additional minute, each additional minute of use or any fraction thereof that the connection continues beyond the Initial Period. . .

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MAY 20 1990

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Public Service Commission

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JUL 20 1989 8 9 - 2 5 7 8 9 - 2 5 6 Public Service Commission

(1) The timing of the call begins when connection is established between the calling MICROLINK I Service Arrangement and the called MICROLINK I Service Arrangement and ends when the connection is terminated at any point. Network call usage applies only to outgoing calls.

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Effective:

JUL 2 0 1989

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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(AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(1)

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(AT) (1) This service is only available to existing MicroLink II - Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November (AT) 30, 2002.

Issued: November 7, 2001



<sup>®</sup>Registered Service Mark of Southwestern Bell Telephone Company.

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Registered Service Mark of Southwestern Bell Telephone Company.

Issued:

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Effective:

APR 3 0 1993 By A. D. ROBERTSON, Assistant Vice President-External Affa? SERVICE COMM. Southwestern Bell Telephone Company St. Louis, Missouri

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6.7 RATES AND CHARGES

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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SM Service Mark of Southwestern Bell Telephone Company.

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(AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(1)

#### 6.1 GENERAL

- 6.1.1 MICROLINK II Packet Switching Digital Service is an optional network service which provides network transport for a broad variety of interactive data services. It utilizes packet switching technology, digital interoffice transmission service components, and the customer loop plant to provide economical common user switched data/information transport for bursty type data.
- 6.1.2 This service is available to customers in those LATA's served by Southwestern Bell Telephone Company, herein referred to as the Telephone Company.

#### **6.2 DEFINITIONS**

Definitions previously appearing on Sheets 1 and 2 can now be found in Section 2.1 of this tariff.

(AT) (1) This service is only available to existing MicroLink II - Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November (AT) 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri



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MICROLINK IIR - PACKET SWITCHING DIGITAL SERVICEJUN 28 1991

6.1 GENERAL

# MISSOURI

- 6.1.1 MICROLINK II Packet Switching Digital Service is an optional network service which provides network transport for a broad variety of interactive data services. It utilizes packet switching technology, digital interoffice transmission service components, and the customer loop plant to provide economical common user switched data/information transport for bursty type data.
- 6.1.2 This service is available to customers in those LATA's served by Southwestern Bell Telephone Company, herein referred to as the Telephone Company.
- 6.2 DEFINITIONS

(MT)

Definitions previously appearing on Sheets 1 and 2 can now be found in Section 2.1 of this tariff.

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(CT)

MICROLINK IIB PACKET SWITCHING DIGITAL SERVICE

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- 6.1 GENERAL
- gad R.S. 6.1.1 MICROLINK - Packet Switching Digital Services of an optional network service which provides Undivoid Transport for a broad variety of interactive data services. It util be packet switching technology, digitals on interoffice transmission service components, and thencustomer loop plant to provide economical common user switched data/information transport for bursty type data.
- 6.1.2 This service is available to customers in those LATA's served by Southwestern Bell Telephone Company, herein referred to as the Telephone Company.
- 6.2 DEFINITIONS

Call Destination End - This is the end point that the call originator is trying to reach. Typically, this would be the end of a virtual circuit supported by an information provider with Direct Access to the Packet Switching Network.

Call Originating End - This is the beginning point of a virtual circuit. Typically, this would be the end of a virtual circuit supported by a user requesting information.

Detailed Report - Provides a paper printout of call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

Direct Access - A dedicated access line from the customer's premises to the Packet Switching Network. Includes all necessary Telephone Company service components.

Kbps - Kilobits per second. Another way to express is one thousand bits per second.

Kilocharacter - One thousand characters.

Magnetic Tape Report - Provides a magnetic tape which reflects call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

Packet Switching Network - Consists of all the packet switches and the inter-switch service components that connect those switches together within a LATA.

(CT)  $^{f R}$  Registered Service Mark of Southwestern Bell Telephone Company.

Issued: SEP 05 1989 Effective:

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MICROLINK 11SM - PACKET SWITCHING DIGITAL SERVICE

### 6.1 GENERAL

JUL 1 1 1986

- 6.1.1 MICROLINK II Packet Switching Digital Service is an optional Sugrapork service which provides network transport for a broad with graving cintersion active data services. It utilizes packet switching techn interoffice transmission service components, and the customer loop plant to provide economical common user switched data/information transport for bursty type data.
- 6.1.2 This service is available to customers in those LATA's served by Southwestern Bell Telephone Company, herein referred to as the Telephone Company.

#### 6.2 DEFINITIONS

Call Destination End - This is the end point that the call originator is trying to reach. Typically, this would be the end of a virtual circuit supported by an information provider with Direct Access to the Packet Switching Network.

Call Originating End - This is the beginning point of a virtual circuit. Typically, this would be the end of a virtual circuit supported by a user requesting information.

Detailed Report - Provides a paper printout of call set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

Direct Access - A dedicated access line from the customer's premises to the Packet Switching Network. Includes all necessary Telephone Company

Kbps - Kilobits per second. Another way to express is on Chousand bigs per second.

Kilocharacter - Or Ci BYIMR.SHI

Magnetic Tape Report - Provides a magnetic tape which regulates carbours set-ups, connect time, and kilocharacters transmitted and received for every session per customer account.

Packet Switching Network - Consists

inter-switch service components that connect those switches together within Public Service Commission

SM Service Mark of Southwestern Bell Telephone Company.

Issued: JUL 15 1986

Effective:

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(AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(1)

6.2 DEFINITIONS-(Continued)

(AT) (1) This service is only available to existing MicroLink II - Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November (AT) 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001



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MICROLINK IIR - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.2 DEFINITIONS-(Continued)

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(CT)

MICROLINK ITB - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.2 DEFINITIONS-(Continued)

SEP 5 1999

Permanent Virtual Circuit (PVC) - Allows Direct Access customers to establish a dedicated virtual circuit between themselves and a specified location. This eliminates the need to build a virtual Circuit oprior to mach sion. The PVC simulates a dedicated two point circuit.

<u>Polling</u> - A process by which a computer systematically contacts a terminal and/or another computer to send a message.

Protocol - Set of rules for conducting interactions between two or more parties. These rules consist of syntax (header structure), semantics (actions and reactions that are supposed to occur) and timing (relative ordering and duration of states and events).

<u>Public Dial Access</u> - The capability to dial into the packet switching network at varying bit rates, depending upon the type of termination required.

Private Dial Access - The ability of a customer to reserve one or more dial access terminations for his exclusive use.

Restricted User Group - This allows customer to pre-select a specific set of other customers with whom to communicate privately. Customer access lines in a restricted user group can only communicate with other access lines in that closed user group.

Session - This is the period of time that common control network service components are allocated to the establishment of a specific switched virtual call. It begins with call set-up and continues until the common control network service components are released for reuse by the network.

<u>User Name</u> - This is the identification code of each customer. It is a required input at log-on to verify user access to the common control network service components.

<u>Virtual Circuit</u> - A logical channel established as a result of the call set-up procedures to a network address that exists until the common control network service components are released for reuse by the network.

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Public Service Commission OCT 5 1989

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Effective: OCT 05 1989

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MICROLINK 11SM - PACKET SWITCHING DIGITAL SERVICE

6.2 DEFINITIONS-(Continued)

JUL 1 1 1986

Permanent Virtual Circuit (PVC) - Allows Direct Access customers to establish a dedicated virtual circuit between themselves and a specificammission location. This eliminates the need to build a virtual circuit prior to each transmission. The PVC simulates a dedicated two point circuit.

<u>Polling</u> - A process by which a computer systematically contacts a terminal and/or another computer to send a message.

<u>Protocol</u> - Set of rules for conducting interactions between two or more parties. These rules consist of syntax (header structure), semantics (actions and reactions that are supposed to occur) and timing (relative ordering and duration of states and events).

<u>Public Dial Access</u> - The capability to dial into the packet switching network at varying bit rates, depending upon the type of termination required.

Private Dial Access - The ability of a customer to reserve one or more dial access terminations for his exclusive use.

Restricted User Group - This allows customers to pre-select a specific set of other customers with whom to communicate privately. Customer access lines in a restricted user group can only communicate with other access lines in that closed user group.

Session - This is the period of time that common control network service components are allocated to the establishment of a specific switched virtual call. It begins with call set-up and continues until the common control network service components are released for reuse by the network.

<u>Summary Report</u> - Provides a monthly total, on paper only, of call set-ups, connect time, and kilocharacters transmitted and received by either User name or originating city.

User Name - This is the identification code of each customer. It is a required input at log-on to verify user access to the common control.

network service components. NOV 17 1986

Virtual Circuit - A logical channel established as a result of the call set-up procedures to a network address that exists until the common control network service components are released for reuse by the network.

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Issued: JUL 15 1986

Effective: cro. 5 1999

BY LA L.S. #7

BY LA

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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# (AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(1)

6.3 USE

# 6.3.1 Rules and Regulations

- A. The following rules and regulations are in addition to other rules and regulations as stated in this and other Telephone Company tariffs.
- B. Provisions of this service, or a portion thereof, is subject to the availability and operational limitations of the equipment and associated service components.
- C. The rates and charges for MICROLINK II Packet Switching Digital Service are in addition to the established monthly and nonrecurring service charges applicable to services terminated in or used in conjunction with MICROLINK II Packet Switching Digital Service.
- D. Temporary suspension of service at the request of the customer, either partial or complete, is not applicable to Telephone Company network equipment and/or service components associated with this offering.
- E. Customer initiated moves, changes and rearrangements of the MICROLINK II Packet Switching Digital Service, including protocol parameters, will be based on cost including engineering, labor and material, except as otherwise noted.
- F. All charges that would normally be associated with a particular customer's User Identification will be the responsibility of that customer. If unauthorized activity occurs with a particular User Identification, the owner of that User Identification will be responsible for those charges.
- G. Where a variety of equipment and service components may be used to provide MICROLINK II Packet Switching Digital Service, the Telephone Company reserves the right to determine which shall be used and to modify and change such equipment and service components at its option.
- H. No credit allowance will be made for interruptions due to negligence and/or failure of equipment provided by the customer or user. Furthermore, interruptions of service during any period in which the Telephone Company is not afforded access to the premises at which the MICROLINK II Packet Switching Digital Service is terminated will not receive a credit allowance.
- (AT) (1) This service is only available to existing MicroLink II Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November (AT) 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001

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Digital Link Services Tariff
Section 6
2nd Revised Sheet 3
Replacing 1st Revised Sheet 3

MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE

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6.3 USE

6.3.1 Rules and Regulations

MISSOURI Public Service Commissio

- A. The following rules and regulations are in addition to other rules and regulations as stated in this and other Telephone Company tariffs.
- B. Provisions of this service, or a portion thereof, is subject to the availability and operational limitations of the equipment and associated service components.
- C. The rates and charges for MICROLINK II Packet Switching Digital Service are in addition to the established monthly and nonrecurring service charges applicable to services terminated in or used in conjunction with MICROLINK II - Packet Switching Digital Service.
- D. Temporary suspension of service at the request of the customer, either partial or complete, is not applicable to Telephone Company network equipment and/or service components associated with this offering.
- E. Customer initiated moves, changes and rearrangements of the MICROLINK II Packet Switching Digital Service, including protocol parameters, will be based on cost including engineering, labor and material, except as otherwise noted.
- F. All charges that would normally be associated with a particular customer's User Identification will be the responsibility of that customer. If unauthorized activity occurs with a particular User Identification, the owner of that User Identification will be responsible for those charges.
- G. Where a variety of equipment and service components may be used to provide MICROLINK II Packet Switching Digital Service, the Telephone Company reserves the right to determine which shall be used and to modify and change such equipment and service components at its option.
- H. No credit allowance will be made for interruptions due to negligence and/or failure of equipment provided by the customer or user. Furthermore, interruptions of service during any period in which the Telephone Company is not afforded access to the premises at which the MICROLINK II Packet Switching Digital Service and the premises at which the MICROLINK II Packet allowance.

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Issued:

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Effective:

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Digital Link Services Tariff
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1st Revised Sheet 3
Replacing Original Sheet 3

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MICROLINK IT - PACKET SWITCHING DIGITAL SERVICERECEIVED

6.3 USE

SEP 5 1989

6.3.1 Rules and Regulations

MISSOURI

- A. The following rules and regulations are in addition to other rules and regulations as stated in this and other Telephone Company tariffs.
- B. Provisions of this service, or a portion thereof, is subject to the availability and operational limitations of the equipment and associated service components.
- C. The rates and charges for MICROLINK II Packet Switching Digital Service are in addition to the established monthly and non-recurring service charges applicable to services terminated in or used in conjunc CANCELLED MICROLINK II Packet Switching Digital Service.
- D. Temporary suspension of service at the request of the customer, either partial or complete, is not applicable to Telephone Company net partial or service components associated with this of the customer.
- E. Customer initiated moves, changes and rearrangements of the MICROLINESQUEI Packet Switching Digital Service, including protocol parameters, will be based on cost including engineering, labor and material, except as otherwise noted.
- F. All charges that would normally be associated with a particular customer's User Name will be the responsibility of that customer. If unauthorized activity occurs with a particular User Name, the owner of that User Name will be responsible for those charges.
- G. Where a variety of equipment and service components may be used to provide MICROLINK II - packet Switching Digital Service, the Telephone Company reserves the right to determine which shall be used and to modify and change such equipment and service components at its option.
- H. No credit allowance will be made for interruptions due to negligence and/or failure of equipment provided by the customer or user. Furthermore, interruptions of service during any period in which the Telephone Company is not afforded access to the premises at which the MICROLINK II Packet Switching Digital Service is terminated will not receive a credit allowance.

OCT 5 1989

**Public Service Commission** 

Issued: SEP 0 5 1989

Effective:

OCT 05 1989

Digital Link Services Tariff Section 6

Original Sheet 3

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MICROLINK IISM - PACKET SWITCHING DIGITAL SERVICE

6.3 USE

6.3.1 Rules and Regulations

MISSOURI A. The following rules and regulations are in addition to Public Service Commission

B. Provisions of this service, or a portion thereof, is subject to the availability and operational limitations of the equipment and associated service components.

regulations as stated in this and other Telephone Company tariffs.

- The rates and charges for MICROLINK II Packet Switching Digital Service are in addition to the established monthly and non-recurring service charges applicable to services terminated in or used in conjunction with MICROLINK II - Packet Switching Digital Service.
- D. Temporary suspension of service at the request of the customer, either partial or complete, is not applicable to Telephone Company network equipment and/or service components associated with this offering.
- Customer initiated moves, changes and rearrangements of the MICROLINK II -Packet Switching Digital Service, including protocol parameters, will be based on cost including engineering, labor and material, except as otherwise noted.
- F. All charges that would normally be associated with a particular customer's User Name will be the responsibility of that customer. If unauthorized activity occurs with a particular User Name, the owner of that User Name will be responsible for those charges.
- G. Where a variety of equipment and service components may be used to provide MICROLINK II - Packet Switching Digital Service, the Telephone Company reserves the right to determine which shall be used and to modify and change such equipment and service components at its option.
- H. No credit allowance will be made for interruptions due to negligence and/or failure of equipment provided by the customer or user. Furthermore, interruptions of service during any period in which the Telephone Company is not afforded access to the premises at which therMICROLINK, II -Packet Switching Digital Service is terminated will not receive a region allowance.

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Issued: JUL 15 1986

Effective:

Public Service Commission

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff
Section 6
2nd Revised Sheet 4
Replacing 1st Revised Sheet 4

(AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(1)

6.3 USE-(Continued)

- 6.3.1 Rules and Regulations-(Continued)
  - I. The Minimum Billing Period for this service is one month. If service is discontinued, after the first month, during a fractional part of a month all appropriate charges will be based on the actual number of days the service is 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.
  - J. The printed reports and the magnetic tape report will be provided to the customer via first-class U.S. Mail Service unless otherwise agreed upon by the customer and the Telephone Company.

### 6.3.2 Obligation of the Customer

- A. Where MICROLINK II Packet Switching Digital Service is available for use in connection with terminal equipment or communications systems provided by a customer or user, the operating characteristics of such equipment or systems shall be such as not to interfere with any of the services offered by the Telephone Company. Such use is subject to the further provisions that the equipment provided by a customer or user does not endanger the safety of the Telephone Company employees or the components or other services of the Telephone Company; interfere with the proper functioning of such equipment, service components or services; impair the operation of the Telephone Company's equipment; or otherwise injure the public in its use of the Telephone Company services. Upon notice from the Telephone Company that the equipment provided by customer or user is causing, or is likely to cause, such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.
- B. The customer, upon request, shall furnish such information as may be required to permit the Telephone Company to design and maintain the MICROLINK II Packet Switching Digital Service it offers and to assure that the service arrangement is in accordance with the regulations contained herein

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(1) This service is only available to existing MicroLink II - Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001



Digital Link Services Tariff
Section 6
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Replacing Original Sheet 4

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MICROLINK IP - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.3 USE-(Continued)

SEP 5 1989

6.3.1 Rules and Regulations-(Continued)

MISSOURI

- I. The Minimum Billing Period for this service is one monthic Efficientialission discontinued, after the first month, during a fractional part of a month all appropriate charges will be based on the actual number of days the service is 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.
- J. The printed reports and the magnetic tape report will be provided to the customer via first-class U.S. Mail Service unless otherwise agreed upon by the customer and the Telephone Company.

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Public Service Commission

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# 6.3.2 Obligation of the Customer

- A. Where MICROLINK II Packet Switching Digital Service is available for use in connection with terminal equipment or communications systems provided by a customer or user, the operating characteristics of such equipment or systems shall be such as not to interfere with any of the services offered by the Telephone Company. Such use is subject to the further provisions that the equipment provided by a customer or user does not endanger the safety of the Telephone Company employees or the components or other services of the Telephone Company; interfere with the proper functioning of such equipment, service components or services; impair the operation of the Telephone Company's equipment; or otherwise injure the public in its use of the Telephone Company services. Upon notice from the Telephone Company that the equipment provided by customer or user is causing, or is likely to cause, such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.
- B. The customer, upon request, shall furnish such information as may be required to permit the Telephone Company to design and maintain the MICROLINK II Packet Switching Digital Service it offers and to assure that the service arrangement is in accordance with the regulations contained herein.

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Issued: SEP 05 1989

Effective:

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Digital Link Services Tariff
Section 6

Original Sheet 4

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MICROLINK IISM - PACKET SWITCHING DIGITAL SERVICE

6.3 USE-(Continued)

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6.3.1 Rules and Regulations-(Continued)

MISSOURI Ryblic Service: Commission

- I. The Minimum Billing Period for this service is one month. Ruble Service Commission discontinued, after the first month, during a fractional part of a month all appropriate charges will be based on the actual number of days the service is 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.
- J. The printed reports and the magnetic tape report will be provided to the customer via first-class U.S. Mail Service unless otherwise agreed upon by the customer and the Telephone Company.
- K. Customers who will guarantee monthly billed revenue equivalent to at least 300,000 kilocharacters of usage for a minimum of 12 months may elect to subscribe to MICROLINK II - Packet Switching Digital Service under the provisions prescribed in the Customer Specific Pricing Plan (CSPP) Tariff.

# 6.3.2 Obligation of the Customer

- A. Where MICROLINK II Packet Switching Digital Service is available for use in connection with terminal equipment or communications systems provided by a customer or user, the operating characteristics of such equipment or systems shall be such as not to interfere with any of the services offered by the Telephone Company. Such use is subject to the further provisions that the equipment provided by a customer or user does not endanger the safety of the Telephone Company employees or the public; damage, require change in, or alteration of the equipment, service components or other services of the Telephone Company; interfere with the proper functioning of such equipment, service components or services; impair the operation of the Telephone Company's equipment; or otherwise injure the public in its use of the Telephone Company services. Upon notice from the Telephone Company that the equipment provided by customer or user is causing, or is likely to cause, such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.
- B. The customer, upon request, shall furnish such information as may be 1986 required to permit the Telephone Company to design and maintain the MICROLINK II Packet Switching Digital Service it offers and to assure that the service arrangement is in accordance with the regulations contained herein.

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NOV 17 1986

Effective:

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri Digital Link Services Tariff
Section 6
3rd Revised Sheet 5
Replacing 2nd Revised Sheet 5

(AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(1)

6.3 USE-(Continued)

- 6.3.2 Obligation of the Customer-(Continued)
  - C. It shall be the obligation of the customer to ensure the continuing compatibility of the customer-provided terminal equipment that is used in conjunction with the MICROLINK II Packet Switching Digital Service.
- 6.3.3. Obligation of the Telephone Company
  - A. The Telephone Company shall not be responsible for installation, operation or maintenance of any terminal equipment or communications systems provided by a customer or user. The Telephone Company is not responsible for adapting MICROLINK II Packet Switching Digital Service to the technological requirements of any specific customer equipment. The obligation of the Telephone company shall be limited to the furnishing of network equipment suitable for MICROLINK II Packet Switching Digital Service and to the maintenance and operation of such equipment in a manner proper for such service. Subject to this obligation the Telephone company shall not be responsible for the through transmission of signals generated by customer provided equipment or systems, or for the quality of, or defects in, such transmission or the reception of signals by such equipment or systems.
  - B. The Telephone Company shall not be responsible to the customer or user, if changes in any of the equipment, operations, or procedures of the Telephone Company utilized in the provision of MICROLINK II - Packet Switching Digital Service render any service components provided by a customer or user obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance, provided the Telephone Company has met any applicable information disclosure requirements.
  - C. The Telephone Company undertakes the obligation to maintain and repair the service which it furnishes. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interfere with any network equipment on the Telephone Company side of the Demarcation Point without prior written consent of the Telephone Company.
  - D. The Telephone Company, by written notice to the customer, may immediately discontinue the furnishing of MICROLINK II Packet Switching Digital Service without incurring liability upon non-payment of any sum due to the Telephone company or a violation of any condition governing the furnishing of service.
- (A|Γ) (1) This service is only available to existing MicroLink II Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001



Digital Link Services Tariff Section 6 2nd Revised Sheet 5 Replacing 1st Revised Sheet 5

MICROLINK II - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.3 USE-(Continued)

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6.3.2 Obligation of the Customer-(Continued)

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C. It shall be the obligation of the customer to ensure the continuing compatibility of the customer-provided terminal equipment that is used in conjunction with the MICROLINK II - Packet Switching Digital Service.

6.3.3. Obligation of the Telephone Company

- The Telephone Company shall not be responsible for installation, operation or maintenance of any terminal equipment or communications systems provided by a customer or user. The Telephone Company is not responsible for adapting MICROLINK II - Packet Switching Digital Service to the technological requirements of any specific customer equipment. obligation of the Telephone company shall be limited to the furnishing of network equipment suitable for MICROLINK II - Packet Switching Digital Service and to the maintenance and operation of such equipment in a manner proper for such service. Subject to this obligation the Telephone company shall not be responsible for the through transmission of signals generated by customer provided equipment or systems, or for the quality of, or defects in, such transmission or the reception of signals by such equipment or systems.
- The Telephone Company shall not be responsible to the customer or user, if changes in any of the equipment, operations, or procedures of the Telephone Company utilized in the provision of MICROLINK II - Packet Switching Digital Service render any service components provided by a customer or user obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance, provided the Telephone Company has met any applicable information disclosure requirements.
- The Telephone Company undertakes the obligation to maintain and repair the service which it furnishes. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interfere with any network equipment on the Telephone Company side of the Demarcation Point without prior written consent of the Telephone Company.
- The Telephone Company, by written notice to the customer, may immediately discontinue the furnishing of MICROLINK II - Packet Switching Digital Service without incurring liability upon non-payment of any sum due to the Telephone company or a violation of any condition governing the furnishing CANCELLED of service.

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Digital Link Services Tariff
Section 6
1st Revised Sheet 5
Replacing Original Sheet 5

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MICROLINK IT® - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.3 USE-(Continued)

SEP 5 1989

6.3.2 Obligation of the Customer-(Continued)

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Public Service Commission

C. It shall be the obligation of the customer to ensure the continuing compatibility of the customer-provided terminal equipment that is used in conjunction with the MICROLINK II - Packet Switching Digital Service ANCELLED

6.3.3. Obligation of the Telephone Company

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- A. The Telephone Company shall not be responsible for installation, prevation or maintenance of any terminal equipment or communications systems provide Commission by a customer or user. The Telephone Company is not responsible for Vice Commission adapting MICROLINK II Packet Switching Digital Service to the MISSOURI technological requirements of any specific customer equipment. The obligation of the Telephone company shall be limited to the furnishing of network equipment suitable for MICROLINK II Packet Switching Digital Service and to the maintenance and operation of such equipment in a manner proper for such service. Subject to this obligation the Telephone company shall not be responsible for the through transmission of signals generated by customer provided equipment or systems, or for the quality of, or defects in, such transmission or the reception of signals by such equipment or systems.
- B. The Telephone Company shall not be responsible to the customer or user, if changes in any of the equipment, operations, or procedures of the Telephone Company utilized in the provision of MICROLINK II Packet Switching Digital Service render any service components provided by a customer or user obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance, provided the Telephone Company has met any applicable information disclosure requirements.
- C. The Telephone Company undertakes the obligation to maintain and repair the service which it furnishes. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interfere with any network equipment installed by the Telephone Company without prior written consent of the Telephone Company.
- D. The Telephone Company, by written notice to the customer, may immediately discontinue the furnishing of MICROLINK II Packet Switching Digital Service without incurring liability upon non-payment of any sum due to the Telephone company or a violation of any condition governing the furnishing of service.

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<u>OCT 5 1989</u>

Issued: SFP () 5 1989

Effective:

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Digital Link Services Tariff Section 6

Original Sheet 5

MICROLINK 11SM - PACKET SWITCHING DIGITAL SERVICE

6.3 USE-(Continued)

6.3.2 Obligation of the Customer-(Continued)

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C. It shall be the obligation of the customer to ensure the continuous Sogvice Commission compatibility of the customer-provided terminal equipment that is used in conjunction with the MICROLINK II - Packet Switching Digital Service.

6.3.3 Obligation of the Telephone Company

- A. The Telephone Company shall not be responsible for installation, operation or maintenance of any terminal equipment or communications systems provided by a customer or user. The Telephone Company is not responsible for adapting MICROLINK II - Packet Switching Digital Service to the technological requirements of any specific customer equipment. The obligation of the Telephone Company shall be limited to the furnishing of network equipment suitable for MICROLINK II - Packet Switching Digital Service and to the maintenance and operation of such equipment in a manner proper for such service. Subject to this obligation the Telephone Company shall not be responsible for the through transmission of signals generated by customer provided equipment or systems, or for the quality of, or defects in, such transmission or the reception of signals by such equipment or systems.
- The Telephone Company shall not be responsible to the customer or user, if changes in any of the equipment, operations, or procedures of the Telephone Company utilized in the provision of MICROLINK II - Packet Switching Digital Service render any service components provided by a customer or user obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance, provided the Telephone Company has met any applicable information disclosure requirements.
- C. The Telephone Company undertakes the obligation to maintain and repair the service which it furnishes. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interfere with any network equipment installed by the Telephone Company without prior written consent of the Telephone Company.
- The Telephone Company, by written notice to the customer; may rimmediately discontinue the furnishing of MICROLINK II - Packet Switching Digital U Service without incurring liability upon non-payment of any sum due to the Telephone Company or a violation of any condition governing the 1986 furnishing of service.

Issued: JUL 15 1986

NOV 17 1986 Effective:

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Public Service Commission

Digital Link Services Tariff
Section 6
3rd Revised Sheet 6
Replacing 2nd Revised Sheet 6

# (AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(1)

#### 6.4 PRIMARY MARKET AREA

6.4.1 Following is a list of the exchanges and/or zones in each LATA that currently comprise the Primary Market Area(s):

#### (816) LATA

Kansas City Metropolitan Exchange

#### **MISSOURI**

- Kansas City Principal Zone
- Gladstone Zone
- Blue Springs Zone
- Belton Zone
- East Independence Zone
- Lee's Summit Zone
- Liberty Zone
- Nashua Zone
- Tiffany Springs Zone
- Independence Zone
- Parkville Zone
- Raytown Zone
- Greenwood Exchange

- South Kansas City Zone
- Smithville Exchange
- Grain Valley Exchange
- Boonville Exchange
- Chillicothe Exchange
- Kirksville Exchange
- Moberly ExchangeSedalia Exchange
- St. Joseph Exchange

#### **KANSAS**

- Kansas City Principal Zone
- Bethel Zone
- Melrose Zone
- Bonner Springs Zone
- Olathe Zone
- Stanley Zone
- Basehor Zone

#### (314) LATA

- St. Louis Metropolitan Exchange
- St. Louis Principal Zone
- Ferguson Zone
- Ladue Zone
- Mehlville Zone
- Overland Zone
- Riverview Zone
- Sappington ZoneWebster Groves Zone
- Bridgeton Zone
- Creve Couer Zone
- Florissant Zone
- Kirkwood Zone
- Oakville Zone

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(AT)

- Spanish Lake Zone

Issued: November 7, 2001

- Chesterfield Exchange
- Fenton Exchange
- Manchester Exchange
- Maxville Zone
- Valley Park Exchange
- Antonia Exchange
- Eureka Exchange
- High Ridge Exchange
- Imperial Exchange
- Pond Exchange
- Portage Des Sioux Exchange

Effective: December 7, 2001

- St. Charles Exchange
- Harvester Exchange

(1) This service is only available to existing MicroLink II - Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November 30, 2002.



Digital Link Services Tariff Section 6 2nd Revised Sheet 6 Replacing 1st Revised Sheet 6

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MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE [VED]

6.4 PRIMARY MARKET AREA

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6.4.1 Following is a list of the exchanges and/or zones in each LATA that currently comprise the Primary Market Area(s): currently comprise the Primary Market Area(s): Public Service Commission

(816) LATA

Kansas City Metropolitan Exchange

### MISSOURI

- Kansas City Principal Zone

- Gladstone Zone - Blue Springs Zone

- Belton Zone

- East Independence Zone

- Lee's Summit Zone

- Liberty Zone - Nashua Zone

- Tiffany Springs Zone

- Independence Zone

- Parkville Zone - Raytown Zone

- Greenwood Exchange

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- South Kansas City Zone - Smithville Exchange

- Grain Valley Exchange - Boonville Exchange

- Chillicothe Exchange - Kirksville Exchange

- Moberly Exchange

- Sedalia Exchange

- St. Joseph Exchange

# KANSAS

- Kansas City Principal Zone

- Bethel zone

- Melrose Zone

- Stanley Zone

- Basehor Zone

# (314) LATA

#### St. Louis Metropolitan Exchange

- St. Louis Principal Zone

- Ferguson Zone

- Ladue Zone

Mehlville Zone

- Overland Zone

Riverview Zone

- Sappington Zone

- Webster Groves Zone

- Bridgeton Zone

- Creve Coeur Zone

- Florissant Zone

- Kirkwood Zone

- Oakville Zone

Spanish Lake Zone

- Chesterfield Exchange

- Fenton Exchange

- Manchester Exchange

- Maxville Zone

- Valley Park Exchange

- Antonia Exchange

- Eureka Exchange

- High Ridge Exchange

- Imperial Exchange

- Pond Exchange

- Portage Des Sioux Exchange

- St. Charles Exchange

- Harvester Exchange

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Issued:

Effective:

1989

OCT 05 1989

SEP 05 1989 By R. D. BARRON, President-Missouri Plivis Dervice Commission Southwestern Bell Telephone Company

St. Louis, Missouri

Digital Link Services Tariff Section 6 1st Revised Sheet 6 Replacing Original Sheet 6

MICROLINK II SM - PACKET SWITCHING DIGITAL SERVICE

#### 6.4 PRIMARY MARKET AREA

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6.4.1 Following is a list of the exchanges and/or zones in each LATA That 39 currently comprise the Primary Market Area(s):

(816) LATA

MISSOURI Public Service Commission

Kansas City Metropolitan Exchange

### MISSOURI

(AT)

(AT)

- Kansas City Principal Zone - South Kansas City Zone - Gladstone Zone - Smithville Exchange - Blue Springs Zone - Grain Valley Exchange - Belton Zone - Boonville Exchange - East Independence Zone - Chillicothe Exchange - Lee's Summit Zone - Kirksville Exchange - Liberty Zone - Moberly Exchange - Nashua Zone ~ Sedalia Exchange - Tiffany Springs Zone - St. Joseph Exchange

- Independence Zone - Parkville Zone

- Raytown Zone

- Greenwood Exchange

# KANSAS

- Kansas City Principal Zone

- Bethel zone

- Bonner Springs Zone CANCELLED
- Olathe Zone CANCELLED OCT 5 1989

- Basehor Zone

# (314) LATA

# St. Louis Metropolitan Exchange

- St. Louis Principal Zone

- Ferguson Zone

- Ladue Zone

- Mehlville Zone

- Overland Zone

- Riverview Zone

Sappington-Zone

- Webster Groves Zone

- Bridgeton Zone

- Creve Coeur Zone

~ Florissant Zone

Kirkwood Zone

~ Oakville Zone

- Spanish Lake Zone

Public Service Commission - Chesterfield Exchange

- Fenton Exchange

- Manchester Exchange

- Maxville Zone

- Valley Park Exchange

- Antonia Exchange

- Eureka Exchange

- High Ridge Exchange

- Imperial Exchange

- Pond Exchange

- Portage Des Sioux Exchange

- St. Charles Exchange

- Harvester Exchange

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JAN 27 1989 Issued:

FEB 3 1989 FEB 3 1989 Effective:

By R. D. BARRON, President-Missouri Division Public Service Commission Southwestern Bell Telephone Company

St. Louis, Missouri

Digital Link Services Tariff Section 6 Original Sheet 6

MICROLINK 11SM - PACKET SWITCHING DIGITAL SERVICE EGE WED

#### 6.4 PRIMARY MARKET AREA

6.4.1 Following is a list of the exchanges and/or zones in each LATA that 1986 currently comprise the Primary Market Area(s): MISSOURI **Public Service Commission** 

# (816) LATA

(314) LATA

# Kansas City Metropolitan Exchange

# MISSOURI

- Kansas City Principal Zone
- Gladstone Zone
- Blue Springs Zone
- Belton Zone
- East Independence Zone
- Lee's Summit Zone
- Liberty Zone
- Nashua Zone
- Tiffany Springs Zone
- Independence Zone
- Parkville Zone
- Raytown Zone

- Ferguson Zone

- Mehlville Zone

- Overland Zone

- Riverview Zone

- Bridgeton Zone

- Creve Coeur Zone

- Florissant Zone

- Kirkwood Zone

- Oakville Zone

- Sappington Zone

- Webster Groves Zone

- Ladue Zone

- Greenwood Exchange

St. Louis Metropolitan Exchange

- South Kansas City Zone
- Smithville Exchange
- Grain Valley Exchange

# KANSAS

- Kansas City Principal Zone
- Bethel Zone
- Melrose Zone
- Bonner Springs Zone
- Olathe Zone
- Stanley Zone
- CANCELLED
- Basehor Zone

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- Chesterfield Exchange MISSOURI - St. Louis Principal Zone
  - Fenton Exchange
    - Manchester Exchange
    - Maxville Zone
    - Valley Park Exchange
    - Antonia Exchange
    - Eureka Exchange
    - High Ridge Exchange
    - Imperial Exchange
    - Pond Exchange
    - Portage Des Sioux Exchange
    - St. Charles Exchange
    - Harvester Exchange

- Spanish Lake Zone

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Section 6
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(AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(1)

### 6.4 PRIMARY MARKET AREA-(Continued)

6.4.1 Following is a list of the exchanges and/or zones in each LATA that currently comprise the Primary Market Area(s):-(Continued)

#### (314) LATA Continued

- Cape Girardeau Exchange
- DeSoto Exchange
- Festus Exchange
- Flat River Exchange
- Fredericktown Exchange
- Fulton Exchange

- Hannibal Exchange
- Kennett Exchange
- Mexico Exchange
- Poplar Bluff Exchange
- Sikeston Exchange
- Washington Exchange

#### (417) LATA

- Joplin Exchange
- Nevada Exchange
- Springfield Exchange

(A|T) (1) This service is only available to existing MicroLink II - Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November (AT) 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001



Digital Link Services Tariff
Section 6
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MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE

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6.4 PRIMARY MARKET AREA-(Continued)

SEP 5 1939

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(AT) 6.4.1 Following is a list of the exchanges and/or zones inpeach IATA/ithat) on mission currently comprise the Primary Market Area(s):-(Continued)

# (314) LATA Continued

- Cape Girardeau Exchange

- DeSoto Exchange

- Festus Exchange

- Flat River Exchange

- Fredericktown Exchange

- Fulton Exchange

- Hannibal Exchange

- Kennett Exchange

- Mexico Exchange

- Poplar Bluff Exchange

- Sikeston Exchange

- Washington Exchange

# (417) LATA

- Joplin Exchange
- Nevada Exchange
- Springfield Exchange

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6.4 PRIMARY MARKET AREA-(Continued)

JAN 25 1989

# (314) LATA Continued

MISSOURI

- Cape Girardeau Exchange
- DeSoto Exchange
- Festus Exchange
- Flat River Exchange
- Fredericktown Exchange
- Fulton Exchange

- Hannibal Exchange
- Kennett Exchange
- Mexico Exchange
- Poplar Bluff Exchange
- Sikeston Exchange
- Washington Exchange

(417) LATA

- Joplin Exchange
- Nevada Exchange
- Springfield Exchange

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Issued: **JAN** 27 1989

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Digital Link Services Tariff
Section 6
2nd Revised Sheet 7
Replacing 1st Revised Sheet 7

(AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(1)

#### 6.4 PRIMARY MARKET AREA-(Continued)

- 6.4.2 Single location customers requiring direct analog access to MICROLINK II Packet Switching Digital Service and who are:
  - A. <u>located within the Primary Market Area</u> will be required to pay only the appropriate 420/422 Local Channel charge as specified in the Private Line Service Tariff.
  - B. <u>located outside the Primary Market Area</u> will be required to pay all appropriate 420/422 rates and charges, including mileage, required to reach the nearest MICROLINK II Packet Switching Digital Service serving office.

Multi location customers requiring analog access to MICROLINK II -Packet Switching Digital Service via a single direct access termination and who have:

- A. at least one locations within the Primary market Area must pay all applicable charges for 420/422 multipoint analog private line, as specified in the Private Line Service Tariff. Interoffice mileage and channel terminations required to connect the multipoint private line circuit to MICROLINK II Packet Switching Digital Service will not apply.
- B. <u>no locations inside the Primary Market Area</u> must pay all 420/422 rates and charges applicable to multipoint service, <u>including</u> all appropriate 420/422 rates and charges <u>and</u> any applicable mileage and channel terminations required to reach the nearest MICROLINK II Packet Switching Digital Service serving office.

The 420/422 class if service codes that may be used in conjunction with MICROLINK II - Packet Switching Digital Service are: 420-DOYG+ and 422-DOYF+.

(AT) (1) This service is only available to existing MicroLink II - Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November (AT) 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001



Digital Link Services Tariff
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MICROLINK ITB - PACKET SWITCHING DIGITAL SERVICE SEP 5 1939

6.4 PRIMARY MARKET AREA-(Continued)

MISSOURI

- 6.4.2 Single location customers requiring direct analog access to MICROLINKALISION Packet Switching Digital Service and who are:
  - A. <u>located within the Primary Market Area</u> will be required to pay only the appropriate 420/422 Local Channel charge as specified in the Private Line Service Tariff.
  - B. located outside the Primary Market Area will be required to pay all appropriate 420/422 rates and charges, including mileage, required to reach the nearest MICROLINK II Packet Switching Digital Service serving office.

Multi location customers requiring analog access to MICROLINK II - Packet Switching Digital Service via a single direct access termination and who have:

- A. at least one locations within the Primary market Area must pay all applicable charges for 420/422 multipoint analog private line, as specified in the Private Line Service Tariff. Interoffice mileage and channel terminations required to connect the multipoint private line circuit to MICROLINK II Packet Switching Digital Service will not apply.
- B. no locations inside the Primary Market Area must pay all 420/422 rates and charges applicable to multipoint service, including all appropriate 420/422 rates and charges and any applicable mileage and channel terminations required to reach the nearest MICROLINK II Packet Switching Digital Service serving office.

The 420/422 class if service codes that may be used in conjunction with MICROLINK II - Packet Switching Digital Service are: 420-DOYG+ and 422-DOYF+.

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Original Sheet 7

MICROLINK II SM - PACKET SWITCHING DIGITAL SERVICE

PRIMARY MARKET AREA-(Continued)

JUL 1 1 1986

Single location customers requiring direct analog access to MICROLLNK III -Packet Switching Digital Service and who are:

**Public Service Commission** 

A. located within the Primary Market Area - will be required to pay only the appropriate 420/422 Local Channel charge as specified in the Private Line Service Tariff.

B. located outside the Primary Market Area - will be required to pay all appropriate 420/422 rates and charges, including mileage, required to reach the nearest MICROLINK II -Packet Switching Digital Service serving office.

Multi location customers requiring analog access to MICROLINK II -Packet Switching Digital Service via a single direct access termination and who have:

A. at least one location within the Primary Market Area - must pay all applicable charges for 420/422 multipoint analog private line, as specified in the Private Line Service Tariff. Interoffice mileage and channel terminations required to connect the multipoint private line circuit to MICROLINK II - Packet Switching Digital Service will not apply.

B. no locations inside the Primary Market Area - must pay all 420/422 rates and charges applicable to multipoint service, including all appropriate 420/422 rates and charges and any applicable mileage and channel terminations required to reach the nearest MICROLINK II -Packet Switching Digital Service serving office.

The 420/422 class of service codes that may be used in conjunction with MICROLINK II - Packet Switching Digital Service are: 420-DOYG+ and 422-DOYF+.

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NOV 17 1986 Public Service Commission

Issued: JUL 15 1986

NOV 17 1986 Effective:

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3rd Revised Sheet 8
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(AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(1)

### 6.5 METHOD OF APPLYING RATES

#### 6.5.1 General

The method of applying rates for MICROLINK II - Packet Switching Digital Service is provided in Paragraph 6.7, following.

(A|T) (1) This service is only available to existing MicroLink II - Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November (AT) 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001



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MICROLINK II - PACKET SWITCHING DIGITAL SERVICE

MAR 29 1993

6.5 METHOD OF APPLYING RATES

MISSOURI Public Service Commission

6.5.1 General

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The method of applying rates for MICROLINK II - Packet Switching Digital Service is provided in Paragraph 6.7, following.

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Digital Link Services Tariff
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MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE

SEP 5 1989

6.5 METHOD OF APPLYING RATES

MISSOURI
Public Service Commission

6.5.1 General

The method of applying rates for MICROLINK II - Packet Switching Digital Service is provided in Paragraphs 6.7.1 and 6.7.2, following.

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Public Service Commission
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OCT 5 1989

Issued: SEP 0.5 1989

Effective:

Public Service Commission OCT 0.5 1989

Digital Link Services Tariff
Section 6
Original Sheet 8

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MICROLINK IISM - PACKET SWITCHING DIGITAL SERVICE

6.5 METHOD OF APPLYING RATES

JUL 1 1 1986

6.5.1 General

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The method of applying rates for MICROLINK II - Packet Switch Sigure Commission Digital Service is provided in Paragraphs 6.7.1 and 6.7.2, following.

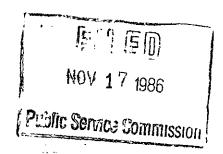
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Public Service Commission

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Issued: JUL 15 1986

NOV 17 1986 Effective: SEP 46 1986

Digital Link Services Tariff
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(AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(1)

#### 6.6 SPECIAL TAXES, FEES AND CHARGES

#### 6.6.1 General

- 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 Telephone Company by any taxing body or authority, whether by statute, ordinance, law or otherwise, and whether presently due or to hereafter become due.
- 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.

- 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.
- (A|T) (1) This service is only available to existing MicroLink II Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November (AT) 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001

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Digital Link Services Tariff Section 6 1st Revised Sheet 9 Replacing Original Sheet 9

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6.6 SPECIAL TAXES, FEES AND CHARGES

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6.6.1 General

A. There shall be added to the customer MSSOUP charge is caspart 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 Telephone Company by any taxing body or authority, whether by statute, ordinance, law or otherwise, and whether presently due or to hereafter become due.

- 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.

X Taxable Charges 100% - Tax(%)

- The tariff charge constituting the amount of the surcharge provided for herein shall be stated separately on each customer's bill.
- 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.

Issued: SEP 0.5 1989 Effective:

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MICROLINK IISM - PACKET SWITCHING DIGITAL SERVICE

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6.6 SPECIAL TAXES, FEES AND CHARGES

6.6.1 General

Public Service Commission

- 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 Telephone Company by any taxing body or authority, whether by statute, ordinance, law or otherwise, and whether presently due or to hereafter become due.
- 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 of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges the customer's charges to which such tax applies of the customer's charges to which such tax applies of the customer's charges the customer's charges the customer's charges to which such tax applies of the customer's charges the customer's

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

NOV 17 1986

- E. The tariff charge constituting the amount of the surcharge provided for herein shall be stated separately on each customer's bill to be with the commission
- 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 led billed to the customer as a single amount.

NOV 17 1986

Issued: JUL 15 1986

Effective:

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri BY PARISOURI Public Service Commission

Digital Link Services Tariff
Section 6
4th Revised Sheet 10
Replacing 3rd Revised Sheet 10

### (AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(4)

#### 6.7 RATES AND CHARGES

### 6.7.1 Rate Applications

#### A. User Identification

<u>Initial Order</u> First Network User Identification	<u>USOC</u> LOG	MONTHLY <u>CHARGE</u> \$ .50	SERVICE CHARGE \$39.00
Additional Network User Identification, Each	LOGAX	.50	3.00
First Network Terminating Number	NNB1X	.50	39.00
Additional Network Terminating Number, Each	NNBAX	.50	3.00
Subsequent Order(1) First Network User Identification, Each	LOGSX	.50	\$25.00
Additional Network User Identification, Each	LOGAX	.50	3.00
First Network Terminating Number, Each	NNB1S	.50	25.00
Additional Network Terminating Number, Each	NNBAS	.50	3.00
B. Rearrangement of User Facilities(2)			
First Access Termination			62.00
Additional Access Terminations			5.00
C. Printed Reports Summary Report, Each	SU2 BDT	SERVICE (	CHARGE(3) \$100.00 200.00
Detailed Report, Each	ועם		∠00.00

- (1) This charge also applies to change or identify a password for the customer.
- (2) Applies to subsequent orders. If ordered with changes to Access Termination, only the service charge for the Access Termination will apply.
- (3) This charge applies per report type, each occasion a particular report is generated for the customer.
- (A|T) (4) This service is only available to existing MicroLink II Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November (AT) 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001



Digital Link Services Tariff Section 6 3rd Revised Sheet 10 Replacing 2nd Revised Sheet 10

MICROLINK 11® - PACKET SWITCHING DIGITAL SERVICE CANCELLED RECEIVED MAR 29 1993

6.7 RATES AND CHARGES

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(RT)	6.7.	1 Rate Applications	DEC 172	11 ノ		Pu	N blic Se	NISSOURI xvice Commissio:
	Α.	User Identification	By All Mice Co MISSOUF	mmássion N	MOI	NTHLY		ERVICE
		Initial Order	M122001	usoc	CH.	ARGE	<u>C</u>	HARGE
(CT)		First Network User Iden	tification.	LOG	\$	.50	(CR)\$	39.00
(CT)		Additional Network User Identification, Each		LOGAX		.50	(CR)	3.00
(AT)		First Network Terminati	ing Number	NNB1X	(NR)	.50	(NR)	39.00
(AT)		Additional Network Term Number, Each	-	NNBAX	(NR)	.50	(NR)	3.00
		Subsequent Order(1)						
(CT)		First Network User Identification, Each		LOGSX		.50	(CR)\$	25.00
(CT)		Additional Network User Identification, Each		LOGAX		.50	(CR)	3.00
(AT)		First Network Terminati	-	NNB1S	(NR)	.50	(NR)	25.00
		Additional Network Term	-	NNBAS	(NR)	.50	(NR)	3.00
	В.	Rearrangement of User 1	Facilities(2)					
		First Access Termination	on				(NR)	62.00
(AT)		Additional Access Term	inations				(NR)	5.00
(FC)	c.	Printed Reports				<u>s</u> 1	ERVICE	CHARGE(3)
		Summary Report, Each	• • • • • • • • • • • • • • • • • • • •	SU2			\$1	100.00
<b>—</b> /МТ\		Detailed Report, Each.	• • • • • • • • • • • • • • • • • • • •	BDT			2	200.00

(MT) (1) This charge also applies to change or identify a password for the customer.

(AT) (2) Applies to subsequent orders. If ordered with changes to Access Termination,

(AT) only the service charge for the Access Termination will apply.

(FC) (3) This charge applies per report type, each occasion a particular rep generated for the customer.

Issued: MAR 2 6 1993 Effective: APR 1 1 1993

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

APR 11 1993 92 - 304 MO. PUBLIC SERVICE COMM.

Digital Link Services Tariff Section 6 2nd Revised Sheet 10 Replacing 1st Revised Sheet 10

(CT)

MICROLINK IN - PACKET SWITCHING DIGITAL SERVICERECEIVED

6.7 RATES AND CHARGES

SEP 5 1999

6.7.1 Rate applications for the (816/417) LATA

MISSOURI

User Identification

. Public Service Commission

	Initial Order	usoc		THLY RGE	SERVICE CHARGE
	First Username	LOG	\$	.50	\$40.00
	Additional Username, Each	LOGAX		.50	20.00
	Subsequent Order(1)				
	First Username, Each	LOGSX		.50	\$60.00
	Additional Username, Each	LOGAX		.50	20.00
В	Printed Reports		SEF	VICE CHAR	<u>GE</u> (2)
	Summary Report, Each	SU2	\$	3100.00	
	Detailed Report, Each	BDT		200.00	
C.	Magnetic Tape Report				
	Accounting Tape, Each	MBT	\$	3200.00	

# **CANCELLED**

APR 11 1993 BY 3 4 R.S. 10 **Public Service Commission** MISSOURI

(1) This charge also applies to change or identify a password for the customer.

(2) This charge applies per report type, each occasion a particular report is [ED] generated for the customer.

OCT 5 1989

Issued:

Effective:

OCT 05 1989ublic Service Commission

Digital Link Services Tariff Section 6 1st Revised Sheet 10 Replacing Original Sheet 10

# MICROLINK IISM - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.7 RATES AND CHARGES

JAN 25 1989

(AT) 6.7.1 Rate applications for the (816/417) LATA

Accounting Tape, Each..... MBT

MISSOURI Public Service Commission

A. User Identification

	Initial Order	usoc	MONTHLY CHARGE	SERVICE CHARGE
	First Username	LOG	\$ .50	\$40.00
	Additional Username, Each	LOGAX	.50	20.00
	Subsequent Order(1)			
	First Username, Each	LOGSX	.50	\$60.00
	Additional Username, Each	LOGAX	.50	20.00
В.	Printed Reports		SERVICE	CHARGE(2)
	Summary Report, Each	SU2	\$100.	00
	Detailed Report, Each	BDT	200.	00
c.	Magnetic Tape Report			

CANCELLED OCT 5 1989 Public Service Commission MISSOURI

(1) This charge also applies to change or identify a password for the customer.

(2) This charge applies per report type, each occasion a particular report is generated for the customer.

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Issued: JAN 27 1989 Effective:

FEB 3 1989

\$200.00

Digital Link Services Tariff
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	MICROLINK II <sup>SM</sup> - PACK	ET SWITCHI	NG	DIGITAL	SERVICE REGEIVED
6.7	RATES AND CHARGES				
6.7.	Rate Applications for the (816)	LATA			JUL 1 1 1986
A.	User Identification		MΩ	NTHLY	SERVICELLO
	Initial Order	USOC		ARGE	SERVICE DIE Service Commission
	First Username	LOG	\$	.50	\$40.00
	Additional Username, Each	LOGAX		.50	20.00
	Subsequent Order (1)				· •
	First Username, Each	LOGSX	\$	.50	\$60.00
	Additional Username, Each	LOGAX		.50	20.00
В.	Printed Reports			<u>SERVICE</u>	CHARGE (2)
	Summary Report, Each	SU2		\$100	.00
	Detailed Report, Each	BDT		200	.00
С.	Magnetic Tape Report				

# CANCELLED

FEB 3 1989

Public Service Commission

MISSOURI

NOV 17 1986

Public Service Commission

(1) This charge also applies to change or identify a password for the customer.

(2) This charge applies per report type, each occasion a particular report is generated for the customer.

Issued: JUL 15 1986

Effective: NOV 17 1986

\$200.00

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Accounting Tape, Each..... MBT

(AT)

(AT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 6
4th Revised Sheet 11
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(AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(6)

6.7 RATES AND CHARGES-(Continued)

6.7.1 Rate Applications-(Continued)

Service Charge(1)

D. Magnetic Tape Report

Accounting Tape, Each MBT \$200.00

E. Public Dial Access Termination(5) RATE(2)(3)

Connect Time, Per Minute of Each Call Session

1. Asynchronous Termination(4)

.3/1.2/2.4 Kbps Application, Per Minute

\$ 0.015

- (1) This charge applies per report type, each occasion a particular report is generated for the customer.
- (2) For purposes of billing, all fractional minutes of use will be rounded to the next higher 1/10 of a minute.
- (3) These charges can be paid by either the call originating end or the call destination end.
- (4) The Non-Polled Asynchronous Protocol is available with this type of termination.
- (5) Refer to the Local Exchange Tariff and the Long Distance Message Telecommunications Service Tariff, if applicable, for charges that apply in addition to those stated herein for dial access calls.
- (6) This service is only available to existing MicroLink II Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001



Digital Link Services Tariff Section 6 3rd Revised Sheet 11 Replacing 2nd Revised Sheet 11

# MICROLINK II - PACKET SWITCHING DIGITAL SERFICECEIVED

6.7 RATES AND CHARGES-(Continued)

MAR 29 1993

(RT) 6.7.1 Rate Applications-(Continued)

MISSOURI

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(FC) D. Magnetic Tape Report

(AT)

Accounting Tape, Each.....

MBT

\$200.00

(FC) E. Public Dial Access Termination(5) RATE(2)(3)

Connect Time, Per Minute of Each Call Session.

(FC) Asynchronous Termination(4)

.3/1.2/2.4 Kbps Application, Per Minute

\$ 0.015

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DEC 0 7 2001 Public Service Cominassion MISSOURI

FILED

APR 11 1995 92-304 MO. PUBLIC SERVICE COMM.

(AT) (1) This charge applies per report type, each occasion a particular report is

(AT) generated for the customer.

(FC) (2) For purposes of billing, all fractional minutes of use will be rounded to the next higher 1/10 of a minute.

These charges can be paid by either the call originating end or the call (FC) (3)destination end.

The Non-Polled Asynchronous Protocol is available with this type of (FC) (4) termination.

Refer to the Local Exchange Tariff and the Long Distance Message (FC) (5)Telecommunications Service Tariff, if applicable, for charges that apply in addition to those stated herein for dial access calls.

Issued:

Effective:

Digital Link Services Tariff
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Replacing 1st Revised Sheet 11

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MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.7 RATES AND CHARGES-(Continued)

SEP 5 1989

6.7.1 Rate Applications for the (816/417) LATA-(Continued)

MISSOURI

Public Service Commission

(RT) D. Public Dial Access Termination(4)

RATE(1)(2)

(RT)

Connect Time, Per Minute of Each Call Session.

Asynchronous Termination(3)

.3/1.2/2.4 Kbps Application, Per Minute

(CR) \$0.015

# **CANCELLED**

APR 11 1993

BY 2 R. S. #/(
Public Service Commission
MISSOUR)

- (1) For purposes of billing, all fractional minutes of use will be rounded to the next higher 1/10 of a minute.
- (2) These charges can be paid by either the call originating end or the call destination end.
- (3) The Non-Polled Asynchronous Protocol is available with this type of termination.

(RT)

(RT)

FC) (4) Refer to the Local Exchange tariff and the Long Distance Message Telecommunications Service Tariff, if applicable, for charges that apply in addition to those stated herein for dial access calls.

Issued:

SEP 05 1989

Effective: OCT 05 1989

FILED

By R. D. BARRON, President-Missouri Division 007 5 1909
Southwestern Bell Telephone Company
St. Louis, Missouri Public Service Commission

Digital Link Services Tariff Section 6 1st Revised Sheet 11 Replacing Original Sheet 11

MICROLINK IISM - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.7 RATES AND CHARGES-(Continued)

JAN 25 1989

(AT) 6.7.1 Rate Applications for the (816/417) LATA-(Continued)

MISSOURI

Public Dial Access Termination(7)

Public Service Commission RATE(1)(2)(6)

PEAK PERIOD(4) OFF-PEAK PERIOD(5)

Connect Time, Per Minute of Each Call Session.

Asynchronous Termination(3)

.3/1.2/2.4 Kbps Application, Per Minute \$0.016 \$0.011

CANCELLED

OCT 5 1989

BYDING COMM Public Service Commission

- (1) For purposes of billing, all fractional minutes of use will be rounded to the next higher 1/10 of a minute.
- These charges can be paid by either the call originating end or the call destination end.
- (3) The Non-Polled Asynchronous Protocol is available with this type of termination.
- Peak Period Rates apply from 7:00 a.m. to 7:00 p.m. every day except Saturday, Sunday and the following Holidays: New Year's Day, Independence Day, Thanksgiving Day, Labor Day, and Christmas Day.
- (5) Off-Peak Period Rates apply from 7:00 p.m. to 7:00 a.m. on Monday through Friday and all day Saturday, Sunday and the following holidays: New Year's Day, Independence Day, Thanksgiving Day, Labor Day, and Christmas Day.
- (6) Call sessions are rated based upon rates in effect at the time the call is initiated. In-cases where a call begins in one rate period and ends in another, the rate in effect in each period applies to the portion of the session occurring within that rate period.
- (7) Refer to the Local Exchange Tariff and the Long Distance Message Telecommunications Service Tariff, if applicable, for charges that apply in addition to those stated herein for dial access calls.

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Issued: JAN 27 1989

Effective:

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FEB **3** 1989

89-14? By R. D. BARRON, President-Missouri Division ublic Service Commission Southwestern Bell Telephone Company

St. Louis, Missouri

Digital Link Services Tariff Section 6 Original Sheet 11

MICROLINK 11SM - PACKET SWITCHING DIGITAL SERVICE REGENVED

6.7 RATES AND CHARGES-(Continued)

6.7.1 Rate Applications for the (816) LATA-(Continued)

JUL 1 1 1986

D. Public Dial Access Termination (7)

Public Service Commission

PEAK PERIOD (4)

Connect Time, Per Minute of Each Call Session.

1. Asynchronous Termination (3)

.3/1.2/2.4 Kbps Application, Per Minute \$0.016

\$0.011

# CANCELLED

FEB 3 1989

BY 1 04 P.S. # 11

Public Service Commission MISSOURI

(1) For purposes of billing, all fractional minutes of use will be rounded to the next higher 1/10 of a minute.

(2) These charges can be paid by either the call originating end or the call destination end.

(3) The Non-Polled Asynchronous Protocol is available with this type of termination.

(4) Peak Period Rates apply from 7:00 a.m. to 7:00 p.m. every day except Saturday, Sunday and the following Holidays: New Year's Day, Independence Day, Thanksgiving Day, Labor Day, and Christmas Day.

(5) Off-Peak Period Rates apply from 7:00 p.m. to 7:00 a.m. on Monday through Friday and all day Saturday, Sunday and the following holidays: New Year's Day, Independence Day, Thanksgiving Day, Labor Day, and Christmas Day. 7 1986

(6) Call sessions are rated based upon rates in effect at the time the call is initiated. In cases where a call begins in one rate period and ends in another, the rate in effect in each period applies to the postion contribution session occurring within that rate period.

(7) Refer to the Local Exchange Tariff and the Long Distance Message Telecommunication Service Tariff, if applicable, for charges that apply in addition to

those stated herein for dial access calls.

Issued: JUL 15 1986

Effective:

NOV 17 1986

(AT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 6
4th Revised Sheet 12
Replacing 3rd Revised Sheet 12

MONTHLY

**SERVICE** 

#### (AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(6)

### 6.7 RATES AND CHARGES-(Continued)

6.7.1 Rate Applications-(Continued)

F. Private Dial Access Termination(2)

- USOC .CHARGE . CHARGE (1

  1. Asynchronous Termination(3)

  .3/1.2/2.4 Kbps Application,
  Each LL52+ \$35.00 \$285.00
- 2. Synchronous Termination(4)
  - 4.8 Kbps Application, Each LL64+ 65.00 285.00
- 3. Serial Input-Output Termination(5)
  - 4.8 Kbps Application, Each LL84+ 85.00 285.00

- (1) The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00.
- (2) Refer to the Local Exchange Tariff and the Long Distance Message Telecommunication Service Tariff, if applicable, for charges that apply in addition to those stated herein for dial access calls.
- (3) The Non-Polled Asynchronous Protocol is available with this type of termination.
- (4) The 3270 Bisynchronous Protocol is available with this type of termination.
- (5) The 3270 SDLC Protocol is available with this type of termination.
- (AT)

  (6) This service is only available to existing MicroLink II Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001



Digital Link Services Tariff
Section 6
3rd Revised Sheet 12
Replacing 2nd Revised Sheet 12

# MICROLINK IT - PACKET SWITCHING DIGITAL SERVICERECEIVED

6.7 RATES AND CHARGES-(Continued)

MAR 29 1993

(RT)	6.7.1	Rate	Applications-(Continued)
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# MISSOURI Public Service Commission

(FC) F.	Private	Dial	Access	Termination(2)
---------	---------	------	--------	----------------

•	MONTHLY	SERVICE
USOC	CHARGE	CHARGE(1)

Asynchronous Termination(3)

.3/1.2/2.4 Kbps Application,			
Each	LL52+	\$35.00	\$285.00

Synchronous Termination(4)

4.8 Kbp	s Application,	Each	1.1.64+	65.00	285.00
TIO KUP	o appareaction,	nacii		02.00	202.00

Serial Input-Output Termination(5)

4.8	Khos	Application,	Each	1.1.84.	85.00	285.00
4.0	Koba	whhat carron,	Each.		00.00	203.00

# CANCELLED

DEC 0 7 2001

By JUNRS Public Service Commission
MISSOURI

**FILED** 

APR 11 1993 92 - 304

## MO. PUBLIC SERVICE COMM.

- (1) The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00.
- (2) Refer to the Local Exchange Tariff and the Long Distance Message Telecommunication Service Tariff, if applicable, for charges that apply in addition to those stated herein for dial access calls.
- (3) The Non-Polled Asynchronous Protocol is available with this type of termination.
- (4) The 3270 Bisynchronous Protocol is available with this type of termination.
- (5) The 3270 SDLC Protocol is available with this type of termination.

Issued:

Effective:

Digital Link Services Tariff Section 6 2nd Revised Sheet 12 Replacing 1st Revised Sheet 12

(CT)

MICROLINK IT® - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.7	RATES	AND	CHARGES-	(Continued)
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SEP 5 1939

6.7.1 Rate Applications for the (816/417) LATA-(Continued)

MISSOURI

P	Dwd	ivate Dial Access Termination(2)		Publ	Public Service Commission	
E.	LLI	· ·		MONTHLY CHARGE	SERVICE CHARGE(1)	
	1.	Asynchronous Termination(3)				
		.3/1.2/2.4 Kbps Application, Each LL	.52+ ·	\$35.00	\$285.00	
	2.	Synchronous Termination(4)				
		4.8 Kbps Application, Each LI	-64+	65.00	285.00	
	3.	Serial Input-Output Termination(	(5)			
		4.8 Kbps Application, Each LI	L84+	85.00	285.00	

# CANCELLED

APR 11 1993

**Public Service Commission** MISSOURI

The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00.

Refer to the Local Exchange Tariff and the Long Distance Message Telecommunication Service Tariff, if applicable, for charges that apply in addition to those stated herein for dial access calls.

(3) The Non-Polled Asynchronous Protocol is available with this type of termination.

The 3270 Bisynchronous Protocol is available with this type of termination.

The 3270 SDLC Protocol is available with this type of termination.

Issued: SEP 0.5 1989 Effective: OCT 05 1989 FILED

OCT 5 1989

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Digital Link Services Tariff Section 6 1st Revised Sheet 12 Replacing Original Sheet 12

MICROLINK IISM - PACKET SWITCHING DIGITAL SERVICE

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6.7 RATES AND CHARGES-(Continued)

(AT) 6.7.1 Rate Applications for the (816/417) LATA-(Continued)

JAN 25 1989

Pri	vate Dial Access Termination(2)	)	MONTHLY	MISSOURI Publication
		USOC	MONTHLY CHARGE	CHARGE (1)
1.	Asynchronous Termination(3)			
`	.3/1.2/2.4 Kbps Application, Each	LL52+	\$35.00	\$285.00
2.	Synchronous Termination(4)			
	4.8 Kbps Application, Each	LL64+	65.00	285.00
3.	Serial Input-Output Termination	on(5)	,	
	4.8 Kbps Application, Each	LL84+	85.00	285.00

CANCELLED

OCT 5 1989

BY 200 K SH 12 Commission

BY 200 K SERVICE COMMISSION

OUT 5 1989

OUT 5 1989

(1) The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00.

(2) Refer to the Local Exchange Tariff and the Long Distance Message Telecommunication-Service Tariff, if applicable, for charges that apply in addition to those stated herein for dial access calls.

(3) The Non-Polled Asynchronous Protocol is available with this type of termination.

(4) The 3270 Bisynchronous Protocol is available with this type of termination.

(5) The 3270 SDLC Protocol is available with this type of termination.

FEB 3 1989 FILED

Issued: JAN 27 1989

Effective: FEB 3 1

Digital Link Services Tariff Section 6 Original Sheet 12

MICROLINK 11SM - PACKET SWITCHING DIGITAL SERVICES EGE IVE

MONTHLY

CHARGE

6.7 RATES AND CHARGES-(Continued)

6.7.1 Rate Applications for the (816) LATA-(Continued)

E. Private Dial Access Termination (2)

JUL 1 1 1986

MISSOURI SERVICE Service Commission CHARGE (1)

1.	Asynchronous	Termination	(3)
----	--------------	-------------	-----

.3/1.2/2.4 Kbps Application, \$35.00 \$285.00

USOC

2. Synchronous Termination (4)

> 4.8 Kbps Application, Each... LL64+ 65.00 285.00

Serial Input-Output Termination (5)

4.8 Kbps Application, Each... LL84+ 85.00 285.00

# CANCELLED

FEB 3 1989

BY JOHRS#12 Public Service Commission

MISSOURI

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**NOV 1** 7 1986

(1) The applicable service charge for each subsequent termination of the same ISSION type ordered on the same request and installed in the same node is \$105.00.

Refer to the Local Exchange Tariff and the Long Distance Message Telecommunication Service Tariff, if applicable, for charges that apply in addition to those stated herein for dial access calls.

(3) The Non-Polled Asynchronous Protocol is available with this type of termination.

(4) The 3270 Bisynchronous Protocol is available with this type of termination.

The 3270 SDLC Protocol is available with this type of termination.

Issued: JUL 15 1986 Effective:

(AT)

(AT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 6
4th Revised Sheet 13
Replacing 3rd Revised Sheet 13

## (AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(7)

#### 6.7 RATES AND CHARGES-(Continued)

- 6.7.1 Rate Applications-(Continued)
  - G. Direct Access Termination(2)

O.	Breet recess remination(2)	<u>USOC</u>	MONTHLY .CHARGE .	SERVICE CHARGE (1
1.	Asynchronous Termination(3)	<u> </u>	.cm mcoz :	<u>emmen</u> (1
	Analog(6) 1.2 Kbps Application, Each	LPP1+	\$ 65.00	\$295.00
	2.4 Kbps Application, Each	LPP2+	70.00	295.00
2.	Synchronous Termination(4)			
	Analog(6) 2.4 Kbps Application, Each	LLW2+	\$ 90.00	\$295.00
	4.8 Kbps Application, Each	LLW4+	105.00	295.00
	9.6 Kbps Application, Each	LLW9+	115.00	295.00
3.	Serial Input-Output Termination(5)			
	Analog(6) 2.4 Kbps Application, Each	LL22+	105.00	295.00
	4.8 Kbps Application, Each	LL24+	120.00	295.00
	9.6 Kbps Application, Each	LL29+	130.00	295.00

- (1) The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00.
- (2) Refer to the Telephone Company Private Line Service Tariff for the charges that apply for access from the customers' premises to the Packet Switching Network. See Footnote (6) for Analog Private Line Access.
- (3) The Polled and Non-Polled Asynchronous Protocols are available with this type of termination.
- (4) The 3270 Bisynchronous Protocol is available with this type of termination.
- (5) The X.25 and 3270 SDLC Protocols are available with this type of termination.
- (6) Refer to paragraph 6.4.2 for application of analog access rates.
- (7) This service is only available to existing MicroLink II Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001



Digital Link Services Tariff Section 6 3rd Revised Sheet 13 CANCEL Persacing 2nd Revised Sheet 13

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DATEC AND CHARGES (	Cambi	- 45	DEC 0 7 2001

6.7 RATES AND CHARGES-(Continued)

MAR 29 1993

6.7.1 Rate Applications-(Continued) By Service Commission

MISSOURI Commission

(FC) G.

. 1 1	Fubli	c Service MISS	OURI	Public Service C
Di	rect Access Termination(2)	111.00		
		usoc	MONTHLY CHARGE	SERVICE CHARGE (1)
1.	Asynchronous Termination(3)			
	Analog(6)			
	1.2 Kbps Application, Each	LPP1+	\$ 65.00	\$295.00
	2.4 Kbps Application, Each	LPP2+	70.00	295.00
2.	Synchronous Termination(4)			
	Analog(6)			
	2.4 Kbps Application, Each	LLW2+	(CR)\$ 90.00	\$295.00
	4.8 Kbps Application, Each	LLW4+	105.00	295.00
	9.6 Kbps Application, Each	LLW9+	(CR) 115.00	295.00
3.	Serial Input-Output Termination	on(5)		
	Analog(6)			
	2.4 Kbps Application, Each	LL22+	(CR) 105.00	295.00
	4.8 Kbps Application, Each	LL24+	120.00	295.00
	9.6 Kbps Application, Each	LL29+	(CR) 130.00	295.00

- The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00.
- Refer to the Telephone Company Private Line Service Tariff for the charges (2) that apply for access from the customers' premises to the Packet Switching Network. See Footnote (6) for Analog Private Line Access.
- The Polled and Non-Polled Asynchronous Protocols are available with this (3) type of termination.
- (4) The 3270 Bisynchronous Protocol is available with this type of termination.
- The X.25 and 3270 SDLC Protocols are available with this type of (5) termination.
- Refer to paragraph 6.4.2 for application of analog access rates APR 11 1993 <del>92</del> -<del>30</del>4 Issued:

MAR 2 6 1993

Effective:

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Digital Link Services Tariff Section 6 2nd Revised Sheet 13 Replacing 1st Revised Sheet 13

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MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.7 RATES AND CHARGES-(Cont	tinued)	
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SEP 5 1989

6.7.1 Rate Applications for the (816/417) LATA-(Continued)

MISSOURI

F.

Public Service Commission

Dir	rect Access Termination(2)		f*l	ablic Service Commission
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	USOC	MONTHLY CHARGE	SERVICE CHARGE (1)
1.	Asynchronous Termination(3)			
	Analog(6)			
	1.2 Kbps Application, Each	LPP1+	\$ 65.00	\$295.00
	2.4 Kbps Application, Each	LPP2+	70.00	<sup>295</sup> .CANCELLED
2.	Synchronous Termination(4)			APR 11 1993
	Analog(6)			BY 3 rd R 5 # 13
	2.4 Kbps Application, Each	LLW2+	\$ 80.00	Paddic Service Commission
	4.8 Kbps Application, Each	LLW4+	100.00	295.00 MISSOURI
	9.6 Kbps Application, Each	LLW9+	110.00	295.00
3.	Serial Input-Output Termination	n (5)		
	Analog(6)			
	2.4 Kbps Application, Each	LL22+	100.00	295.00
	4.8 Kbps Application, Each	LL24+	115.00	295.00
	9.6 Kbps Application, Each	LL29+	125.00	295.00

- (1) The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00.
- Refer to the Telephone Company Private Line Service Tariff for the charges that apply for access from the customers' premises to the Packet Switching Network. See Pootnote (6) for Analog Private Line Access.
- (3) The Polled and Non-Polled Asynchronous Protocols are available with this type of termination.
- The 3270 Bisynchronous Protocol is available with this type of termination.
- (5) The X.25 and 3270 SDLC Protocols are available with this type of termination.
- Refer to paragraph 6.4.2 for application of analog access rates FILED

Issued: Effective: SEP 05 1989

OCT 5 1989 OCT 05 1989

F.

Digital Link Services Tariff
Section 6
1st Revised Sheet 13
Replacing Original Sheet 13

MICROLINK IISM - PACKET SWITCHING DIGITAL SERVICE

6.7 RATES AND CHARGES-(Continued)

RECEIVED

(AT) 6.7.1 Rate Applications for the (816/417) LATA-(Continued)

JAN 25 1989

	are whitegrious for the (010	/41/) PHIM-	-(continued)	
Dir	ect Access Termination(2)	USOC	MONTHLE CHARGE	MISSOURI ublicervige Commission charge (1)
1.	Asynchronous Termination(3)			
	Analog(6)			
	1.2 Kbps Application, Each	. LPP1+	\$ 65.00	\$295.00 ED
	2.4 Kbps Application, Each	. LPP2+	70.00	CANGELLED 1989
2.	Synchronous Termination(4)			OCT 5 1989
•	Analog(6)			ay a commission
	2.4 Kbps Application, Each	. LLW2+	\$ 80.00	BY 2 Commission Commission
	4.8 Kbps Application, Each	LLW4+	100.00	295.00
	9.6 Kbps Application, Each	. LLW9+	110.00	295.00
3.	Serial Input-Output Terminat	ion (5)		
	Analog(6)			
	2.4 Kbps Application, Each	. LL22+	100.00	295.00
	4.8 Kbps Application, Each	. LL24+	115.00	295.00
			125.00	295.00
	Dir 1.	Direct Access Termination(2)  1. Asynchronous Termination(3)  Analog(6)  1.2 Kbps Application, Each  2.4 Kbps Application, Each  2. Synchronous Termination(4)  Analog(6)  2.4 Kbps Application, Each  4.8 Kbps Application, Each  9.6 Kbps Application, Each  3. Serial Input-Output Termination(6)  2.4 Kbps Application, Each  4.8 Kbps Application, Each  4.8 Kbps Application, Each	USOC  1. Asynchronous Termination(3)  Analog(6)  1.2 Kbps Application, Each LPP1+ 2.4 Kbps Application, Each LPP2+  2. Synchronous Termination(4)  Analog(6)  2.4 Kbps Application, Each LLW2+ 4.8 Kbps Application, Each LLW4+ 9.6 Kbps Application, Each LLW4+ 9.6 Kbps Application, Each LLW9+  3. Serial Input-Output Termination (5)  Analog(6)  2.4 Kbps Application, Each LL22+ 4.8 Kbps Application, Each LL22+ 4.8 Kbps Application, Each LL24+	MONTHLP CHARGE  1. Asynchronous Termination(3)  Analog(6)  1.2 Kbps Application, Each LPP1+ \$ 65.00  2.4 Kbps Application, Each LPP2+ 70.00  2. Synchronous Termination(4)  Analog(6)  2.4 Kbps Application, Each LLW2+ \$ 80.00  4.8 Kbps Application, Each LLW4+ 100.00  9.6 Kbps Application, Each LLW9+ 110.00  3. Serial Input-Output Termination (5)  Analog(6)  2.4 Kbps Application, Each LL22+ 100.00  4.8 Kbps Application, Each LL22+ 115.00

- (1) The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00.
- (2) Refer to the Telephone Company Private Line Service Tariff for the charges that apply for access from the customers' premises to the Packet Switching Network. See Footnote (6) for Analog Private Line Access.
- (3) The Polled and Non-Polled Asynchronous Protocols are available with this type of termination.
- (4) The 3270 Bisynchronous Protocol is available with this type of termination.
- (5) The X.25 and 3270 SDLC Protocols are available with this type of termination.
- (6) Refer to paragraph 6.4.2 for application of analog access rates.

Issued: JAN 27 1989

Effective: FEB 3 1989

FEB 3 1989

FEB 3 1989

FEB 3 1989

Digital Link Services Tariff Section 6 Original Sheet 13

MICROLINK II <sup>SM</sup> - PACK	ET SWITCH	ING DIGITAL	SERVICE
6.7 RATES AND CHARGES-(Continued)			REGEIVED
6.7.1 Rate Applications for the (816)	LATA-(Cor	ntinued)	JUL 1 1 1986
F. Direct Access Termination (2)	USOC	MONTHLY CHARGE	SERVICE MISSOURI CHARGEIDIO Service Commission
1. Asynchronous Termination (3)			
Analog (6)			
1.2 Kbps Application, Each	LPP1+	\$65.00	\$295.00
2.4 Kbps Application, Each	LPP2+	70.00	295.00
2. Synchronous Termination (4)			
Analog (6)			
2.4 Kbps Application, Each	. LLW2+	\$ 80.00	\$295.00
4.8 Kbps Application, Each	. LLW4+	100.00	295.00
9.6 Kbps Application, Each	. LLW9+	110.00	295.00 CANCELLED
3. Serial Input-Output Terminati	ion (5)		FEB 3 1989
Analog (6)			Public Service Commission
2.4 Kbps Application, Each	. LL22+	\$100.00	\$295.00 MISSOURI
4.8 Kbps Application, Each	. LL24+	115.00	295.00
9.6 Kbps Application, Each	. LL29+	125.00	295.00
(1) The applicable service charge for	each subs	equent term	ination of the same

(1) The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00

(2) Refer to the Telephone Company Private Line Service Tariff for the charges that apply for access from the customers' premises to the Packet Switching 1986 Network. See Footnote (6) for Analog Private Line Access.

The 3270 Bisynchronous Protocol is available with this type of termination. (5) The X.25 and 3270 SDLC Protocols are available with this type of termination.

Refer to paragraph 6.4.2 for application of analog access rates.

Issued: JUL 15 1986

NOV 1.7 1986 Effective:

(AT)

(AT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 6
5th Revised Sheet 14
Replacing 4th Revised Sheet 14

## (AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(5)

### 6.7 RATES AND CHARGES-(Continued)

- 6.7.1 Rate Applications-(Continued)
  - H. Call Establishment(1)

<u>RATE</u>(3)

1. Call Set Up, Per Set Up

\$0.005

- I. Character Transmission Charge(2)(4)
- 1. Without Protocol Conversion, Per Kilosegment

\$0.20

- (1) This charge does not apply to sessions involving Permanent Virtual Circuits.
- (2) Call sessions are rated based upon rates in effect at the time the call is initiated. In cases where a call begins in one rate period and ends in another, the rate in effect in each period applies to the portion of the session occurring within that rate period.
- (3) These charges can be paid by either the call originating end or the call destination end.
- (4) Protocol Conversion of basic MICROLINK II -Packet Switching Digital Service traffic is available on a detariffed basis via separate contractual arrangements with Southwestern Bell Telephone Company.
- (5) This service is only available to existing MicroLink II Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri



Digital Link Services Tariff
Section 6
4th Revised Sheet 14
Replacing 3rd Revised Sheet 14

MICROLINK IIR - PACKET SWITCHING DIGITAL SERVICE

RECEIVED

6.7 RATES AND CHARGES-(Continued)

6.7.1 Rate Applications-(Continued)

NOV 1 1994

H. Call Establishment(1)

RATE(3) MO. PUBLIC SERVICE COMM.

1. Call Set Up, Per Set Up

\$0.005

I. Character Transmission Charge(2)(4)

 Without Protocol Conversion, Per Kilosegment

\$0.20 (NR)

CANCELLED

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By Ship Solution

Public Service Commission

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μĒ

- (1) This charge does not apply to sessions involving Permanent Virtual Circuits.
- (2) Call sessions are rated based upon rates in effect at the time the call is initiated. In cases where a call begins in one rate period and ends in another, the rate in effect in each period applies to the portion of the session occurring within that rate period.

(3) These charges can be paid by either the call originating end or the call destination end.

(4) Protocol Conversion of basic MICROLINK II -Packet Switching Digital Service traffic is available on a detariffed basis via separate contractors arrangements with Southwestern Bell Telephone Company.

Issued: NUV 0 1 1994

Effective: DEC 0 1 1994 DEC 1 1994

Digital Link Services Tariff
Section 6
2nd Revised Sheet 14
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(CT)

MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE

RECEIVED

6.7 RATES AND CHARGES-(Continued)

SEP 5 1999

6.7.1 Rate Applications for the (816/417) LATA-(Continued)

G. Call Establishment(1)

RATE(3) MISSOURI

(RT)

1. Call Set Up, Per Set Up

(CR) \$0.005

(RT)

(RT)

/nm\

(RT) H. Character Transmission Charge(2)(4)

(RT)

(DR) CANCELLED

APR 11 1993 # 14

Public Service Commission
MISSOURI

(CR) \$0.020

1. Without Protocol Conversion, Per Kilocharacter

(1) This charge does not apply to sessions involving Permanent Virtual Circuits.

(2) Call sessions are rated based upon rates in effect at the time the call is initiated. In cases where a call begins in one rate period and ends in another, the rate in effect in each period applies to the portion of the session occurring within that rate period.

(3) These charges can be paid by either the call originating end or the call

destination end.

(RT)

(RT)

(FC) (4) Protocol Conversion of basic MICROLINK II -Packet Switching Digital Service traffic is available on a detariffed basis via separate contractual arrangements with Southwestern Bell Telephone Company.

Issued:

\$EP 05 1989

Effective: OCT 05 1989

FILED

By R. D. BARRON, President-Missouri Division OCT 5 1989
Southwestern Bell Telephone Company
St. Louis, Missouri
Public Service Commission

Digital Link Services Tariff
Section 6
1st Revised Sheet 14
Replacing Original Sheet 14

# MICROLINK 11 SM - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.7 RATES AND CHARGES-(Continued)

JAN 25 1989

(AT) 6.7.1 Rate Applications for the (816/417) LATA-(Continued)

MISSOURI

G. Call Establishment(1) RATEAR Service Commission

PEAK PERIOD (4) OFF-PEAK PERIOD(5)

1. Call Set Up, Per Set Up

\$0.015

\$0.002

2. Peak Period Volume Discount Plan

\$0.015 0.013 0.012 0.010

VOLUME DISCOUNT RATE(6)

BY 2 1989
BY 2 SHIY

BY 2 Commission

RATE (4) IIC Service Commission

MISSOURI

CANCELLED

H. Character Transmission Charge(2)(7)

PEAK PERIOD(4) OFF-PEAK PERIOD(5)

1. Without Protocol Conversion, Per Kilocharacter

\$0.035

\$0.020

- (1) This charge does not apply to sessions involving Permanent Virtual Circuits.
- (2) Call sessions are rated based upon rates in effect at the time the call is initiated. In cases where a call begins in one rate period and ends in another, the rate in effect in each period applies to the portion of the session occurring within that rate period.
- (3) These charges can be paid by either the call originating end or the call destination end.
- (4) Peak period rates apply from 7:00 a.m. to 7:00 p.m. every day except Saturday, Sunday and the following holidays: New Year's Day, Independence Day, Thanksgiving Day, Labor Day, and Christmas Day.
- (5) Off-Peak period rates apply from 7:00 p.m. to 7:00 a.m. on Monday through Friday and all day Saturday, Sunday and the following holidays: New Year's Day, Independence Day, Thanksgiving Day, Labor Day and Christmas Day.
- (6) Volume discounts-will be calculated based on the total number of monthly peak-period call set-ups generated by each customer account. The volume discount for each band will only apply to the number of call set-ups that actually fall within that particular band.
- (7) Protocol Conversion of basic MICROLINK II -Packet Switching Digital Service traffic is available on a detariffed basis via separate contractual arrangements with Southwestern Bell Telephone Company.

FEB 3 1989

FILE

Issued: JAN 27 1989

Effective:

FEB 3 1989

Digital Link Services Tariff
Section 6
Original Sheet 14

6.7	RATE	MICROLINK II <sup>SM</sup> - PACKET SW S AND CHARGES-(Continued)	ITCHING DIGITAL	SERVICE REGEIVED
<i>_</i> 6.7.	1 R	ate Applications for the (816) LATA	-(Continued)	JUL 1 1 1986
G.	Cal	l Establishment <sup>(1)</sup>	(/)	ATE Public Service Commission
			PEAK PERIOD (4)	OFF-PEAK PERIOD
	1.	Call Set Up, Per Set Up	\$0.015	\$0.002
	_		VOLUME DISCOUN	T RATE (6)
	2.	Peak Period Volume Discount Plan		CANCELLED
		0-20,000 Call Set-ups	\$0.015	FEB 3 1989
		20,001-30,000 Call Set-ups 30,001-40,000 Call Set-ups	0.013 0.012	BY JORRS #14
		Over 40,000 Call Set-ups	0.010	Public Service Commission
				Public Service Communication (3) MISSOURI
Н.	Cha	racter Transmission Charge $^{(2)(7)}$	R	ATE (3) WILDOO
			PEAK PERIOD <sup>(4)</sup>	OFF-PEAK PERIOD <sup>(5)</sup>
	1.	Without Protocol Conversion, Per Kilocharacter	\$0.035	\$0.020

This charge does not apply to sessions involving Permanent Virtual Circuits.

(2) Call sessions are rated based upon rates in effect at the time the call is initiated. In cases where a call begins in one rate period and ends in another, the rate in effect in each period applies to the portion of the session occurring within that rate period.

(3) These charges can be paid by either the call originating end or the call

destination end.

(4) Peak period rates apply from 7:00 a.m. to 7:00 p.m. every day except Saturday, Sunday and the following holidays: New Year's Day, Independence Day, Thanks-giving Day, Labor Day, and Christmas Day.

(5) Off-Peak period rates apply from 7:00 p.m. to 7:00 a.m. on Monday through Friday and all day Saturday, Sunday and the following holidays: New Year's Day, Independence Day, Thanksgiving Day, Labor Day and Christmas Day (6) Volume discounts will be calculated based on the total number of monthly

(6) Volume discounts will be calculated based on the total number of monthly peak-period call set-ups generated by each customer account. The volume discount for each band will only apply to the number of call set-ups that actually fall within that particular band.

(7) Protocol Conversion of basic MICROLINK II - Packet Switching Digital Service traffic is available on a detariffed basis via separate contraction.

arrangements with Southwestern Bell Telephone Company.

Issued: JUL 15 1986

NOV 17 1986 Effective: CEP 1980

Digital Link Services Tariff
Section 6
4th Revised Sheet 15
Replacing 3rd Revised Sheet 15

# (AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(5)

## 6.7 RATES AND CHARGES-(Continued)

#### 6.7.1 Rate Applications-(Continued)

#### J. Optional Features

	USOC	Monthly	Initial	Subsequent	Add'l.
Group I(3)	<u>USUC</u>	<u>Charge</u>	<u>Order</u>	<u>. Order .</u>	<u>. (2) .</u>
Polled Protocol(1)					
Per Protocol, Per					
Terminal Device	LLQ	\$1.00	\$ 5.00	\$28.00	\$ 5.00
Restricted User Group,					
Per Group	LDJ	5.00	45.00	67.00	15.00
Packet Hunt Group,					
Per Group	LDMPG	-	-	23.00	3.00
RPOA Preselection,					
Per User ID	LRJXX	-	-	23.00	3.00
Menu Server, Each					
Line on Screen	MUZ	.02	123.00	129.00	10.00
Group II(4)					
Permanent Virtual Circuit,					
Each	LDV	2.00	-	(4)	(4)
Fast Select, Per Access					
Termination Equipped	LD5FS	-	-	(4)	(4)
Packet Call Redirection,					
Per Access termination	LRD	-	-	(4)	(4)
Packet Direct Call,					
Per Access Termination	LJD	-	-	(4)	(4)
Extended RPOA,					
Per Access Termination	LRK	-	-	(4)	(4)
Reverse Charge Acceptance,					
Per Access Termination	LD4	-	-	(4)	(4)

- (1) Polling available with Direct Access only. Protocols that require this charge are Polled Asynchronous, 3270 Bisynchronous and 3270 SDLC.
- (2) The charge for each additional unit applies if included on the same request, located in the same PMA and the Access Terminations and protocol are the same protocol as the Initial First or Subsequent First unit.
- (3) The initial or subsequent charge is assessed on each Group I feature ordered. For each additional request of the same feature on the same order, the additional charge applies.
- (4) Service charges apply on Group II features only when they are installed for existing Access Terminations and protocols. These features are assessed the service charge for Rearrangement of User Facilities found in Paragraph 6.7.1, B., preceding. The first feature added from this group is assessed the subsequent charge and any other features from this group on the same order are assessed the additional charge.
- (AT) (5) This service is only available to existing MicroLink II Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001



P.S.C. Mo.-No. 38 Digital Link Services Tariff No Supplement to this tariff will be issued Section 6 CANCELLED except for the purpose 3rd Revised Sheet 15 Replacing 2nd REPETED15 of canceling this tariff. MICROLINK IIR - PACKET SWITCHING DIGITAL SERVICE DEC 07 2000 RATES AND CHARGES-(Continued) MAR 29 1993 6.7.1 Rate Applications-(Continued by Public Service Commission MISSOURI Public Service Commission Optional Features SERVICE CHARGES INITIAL SUBSEQUENT ADD'L MONTHLY **USOC** CHARGE ORDER ORDER (2) Group I(3) (AT) (FC) Polled Protocol(1) Per Protocol, Per Terminal Device LLQ \$1.00 (NR)\$ 5.00 (NR)\$28.00 (NR)\$ 5.00 Restricted User Group, LDJ 5.00 (CR) 45.00 67.00 15.00 (FC) Per Group (TA) Packet Hunt Group, 23.00 LDMPG 3.00 Per Group RPOA Preselection, Per User ID LRJXX 23.00 3.00 Menu Server, (NR) 123.00 (NR)129.00 (NR) 10.00 Each Line on Screen MUZ (NR) .02 (TA) Group II(4) (FC) Permanent Virtual Circuit, LDV (CR)2.00 (DR) (4) (4) (FC) Each

(1) Polling available with Direct Access only. Protocols that require this charge are Polled Asynchronous, 3270 Bisynchronous and 3270 SDLC.

LD5FS

LRD

LJD

LRK

LD4

(CT) (2) The charge for each additional unit applies if included on the same request, located in the same PMA and the Access Terminations and protocol are the same (CT) protocol as the Initial First or Subsequent First unit.

(AT) (3) The initial or subsequent charge is assessed on each Group I feature ordered. For each additional request of the same feature on the same order, the additional charge applies.

(4) Service charges apply on Group II features only when they are installed for existing Access Terminations and protocols. These features are assessed the service charge for Rearrangement of User Facilities found in Paragraph 6.7.1, B., preceding. The first feature added from this group is assessed the subsequent charge and any other features from this group of the same order are assessed the additional charge.

Issued: MAR 2 6 1993

Fast Select, Per Access

Packet Call Redirection,

Packet Direct Call,

Extended RPOA.

Termination Equipped

Per Access Termination

Per Access Termination

Per Access Termination

Per Access Termination

Reverse Charge Acceptance,

(AT)

(AT)

(AT)

Effective:

APR 1 1 1995 R 1 1 1993

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Digital Link Services Tariff
Section 6
2nd Revised Sheet 15
Replacing 1st Revised Sheet 15

(CT) MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE

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6.7 RATES AND CHARGES-(Continued)

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6.7.1 Rate Applications for the (816/417) LATA-(Continued)

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	(DR)	

(DR)

MONTHLY

			USOC	CHARGE	CHARGE
(FC)	ı.	Polled Protocol(1)			
		Per Protocol, Per Terminal Device	LLQ	\$1.00	None
	J.	Optional Features			
FC)		Permanent Virtual Circuit, Each	<b>LDV</b>	\$5.00	\$165.00(2)
		Restricted User Group, Per Group	LDJ	5.00	90.00

# **CANCELLED**

SERVICE

APR 11 1993
BY 3 R.S. 15
Public Service Commission
MISSOURI

(RT)

(RT)

(RT)

(RT)
(FC) (1) Polling available with Direct Access only. Protocols that require this charge are Polled Asynchronous, 3270 Bisynchronous and 3270 SDLC.

(FC) (2) Applies only on subsequent order additions.

Issued: SEP 0 5 1989

Effective: OCT 05 1989

FILED

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

OCT 5 1989

Digital Link Services Tariff Section 6 1st Revised Sheet 15 Replacing Original Sheet 15

MICROLINK II SM - PACKET SWITCHING DIGITAL SERVICE

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6.7 RATES AND CHARGES-(Continued)

JAN 25 1989

6.7.1 Rate Applications for the (816/417) LATA-(Continued)

MISSOURI

H. Character Transmission Charge-(Continued)

Public Service Commission

### VOLUME DISCOUNT RATE(1)

2.	Peak	Period	Volume	Discount	Plan

0-100,000 Kilocharacters	\$0.035
100,001-150,000 Kilocharacters	0.028
150,001-200,000 Kilocharacters	0.026
Over 200,000 Kilocharacters	0.024

		<u>USOC</u>	MONTHLY CHARGE	SERVICE CHARGE
I.	Polled Protocol(2)			
	Per Protocol, Per Terminal Device	LLQ	\$1.00	None
J.	Optional Features			
	Permanent Virtual Circuit, Each	LDV	\$5.00	\$165.00(3)
	Restricted User Group, Per Group	LDJ	5.00	90.00

CANCELLED

OCT 5 1989

BYOMMER S#15 Public Service Commission

Volume discounts will be calculated based on the total monthly peak-period Kilocharacter usage generated by each customer account. The volume discount for each band will apply to the total number of Kilocharacters that actually fall within that particular band.

Polling available with Direct Access only. Protocols that require this charge are Polled Asynchronous, 3270 Bisynchronous and 3270 SDLC.

(3) Applies only on subsequent order additions.

Issued: January 27, 1989

Effective: FILED

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1989

Digital Link Services Tariff Section 6 Original Sheet 15

MICROLINK IISM - PACKET SWITCHING DIGITAL SERVIÇE REGEIVED

- 6.7 RATES AND CHARGES-(Continued)
- 6.7.1 Rate Applications for the (816) LATA-(Continued)

JUL 11 1986

H. Character Transmission Charge-(Continued)

MISSOURI Public Service Commission VOLUME DISCOUNT RATE

	2. Peak Period Volume Discount Plan		<del></del>
	0-100,000 Kilocharacters 100,001-150,000 Kilocharacters 150,001-200,000 Kilocharacters Over 200,000 Kilocharacters	0.028 0.026	
I.	Polled Protocol (2)	MONTHLY OC CHARGE	SERVICE CHARGE
	Per Protocol, Per Terminal Device LL	Q \$1.00	None
J.	Optional Features		
	Permanent Virtual Circuit, Each LD	V \$5.00	\$165.00 <sup>(3)</sup>
	Restricted User Group, Per Group LD	J 5.00	90.00

CANCELLED

FEB 3 1989 BY PARS#15 Public Service Commission MISSOURI

EM ED

NOV 17 1986

(1) Volume discounts will be calculated based on the total monthly peak-periodicsion Kilocharacter usage generated by each customer account. The volume for each band will only apply to the total number of Kilocharacters that actually fall within that particular band.

(2) Polling available with Direct Access only. Protocols that require this charge are Polled Asynchronous, 3270 Bisynchronous and 3270 SDLC.

(3) Applies only on subsequent order additions.

Issued: JUL 15 1986

Effective:

Digital Link Services Tariff
Section 6
4th Revised Sheet 16
Replacing 3rd Revised Sheet 16

(AT) MICROLINK II® - PACKET SWITCHING DIGITAL SERVICE(2)

# 6.7 RATES AND CHARGES-(Continued)

6.7.1 Rate Applications-(Continued)

	<u>USOC</u>	MONTHLY <u>CHARGE</u>	SERVICE CHARGE
K. Customer Alerting Connect Time, Per Minute	ACW	\$ .15(1)	\$224.00

(1) For the purpose of billing, all fractional minutes of use will be rounded to the next higher 1/10 of a minute.

(2) This service is only available to existing MicroLink II - Packet Switching Digital Service customers in existing quantities at existing locations. This service will be withdrawn November 30, 2002.

Issued: November 7, 2001 Effective: December 7, 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri



(AT)

(AT)

P.S.C. Mo.-No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Services Tariff Section 6 3rd Revised Sheet Replacing 2nd Revised Sheet 16

MICROLINK II - PACKET SWITCHING DIGITAL SERVICE MAR 29 1993

6.7 RATES AND CHARGES-(Continued)

MO. PUBLIC SERVICE COMM.

6.7.1 Rate Applications-(Continued)

MONTHLY SERVICE USOC CHARGE CHARGE (AT) Customer Alerting Connect Time. (AT) Per Minute ACV (NR) \$ .15(1)(NR) \$224.00

CANCELLED

DEC 0 7 2001

For the purpose of billing, all fractional minutes of use will be rounded to the next higher 1/10 of a minute.

Issued: MAR 3 1 1993

Effective:

APR 30 1993

P.S.C. Mo.-No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Services Tariff
Section 6
2nd Revised Sheet 16
Replacing 1st Revised Sheet 16
Through
1st Revised Sheet 21

MICROLINK II - PACKET SWITCHING DIGITAL SERVICE

6.7 RATES AND CHARGES-(Continued)

(RT)

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MAR 29 1993

MISSOURI
Public Service Commission.

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APR MEY 30 1993

BY 3 1993

Public Service Commission

MISSOURI

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APR 1 1 1993 92 - 30 4

MO. PUBLIC SERVICE COMM.

(Rates for 314 LATA now appear on Sheets 10 through 15).

Issued:

Effective:

MAR 2 6 1993
By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

APR 1 1 1993

(RT)

Digital Link Services Tariff Section 6 1st Revised Sheet 16 Replacing Original Sheet 16

(CT)

MICROLINK IIR - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.7 RATES AND CHARGES-(Continued)

SEP 5 1999

6.7.2 Rate Applications for the (314) LATA

Accounting Tape, Each..... MBT

MISSOURI Public Service Commission

A. User Identification

	Initial Order	USOC		NTHLY IARGE	SERVICE CHARGE
	First Username	LOG	\$	.50	\$40.00
	Additional Username, Each	LOGAX		.50	20.00
	Subsequent Order (1)				
	First Username, Each	LOGSX		.50	\$60.00
	Additional Username, Each	LOGAX		.50	20.00
в.	Printed Reports		SE	RVICE CHAR	<u>GE</u> (2)
	Summary Report, Each	SU2	:	\$100.00	
	Detailed Report, Each	BDT		200.00	
c.	Magnetic Tape Report	•			

CANCELLED

APR 11, 1993 🚚

**Public Service Commission** MISSOURI

(1) This charge also applies to change or identify a password for the customer.

(2) This charge applies per report type, each occasion a particular report is generated for the customer.

SEP 05 1989 Issued:

Effective:

OCT 05 1989

\$200.00

FILED

Digital Link Services Tariff
Section 6
Original Sheet 16

	RATES AND CHARGES-(Continued)			JUL 1 1 1986
6.7.2	Rate Applications for the (314)	LATA		
Α.	User Identification		MANDUT V	MISSUURI SHRVIDE Service Commission
	Initial Order	<u>usoc</u>	MONTHLY CHARGE	CHARGE
	First Username	LOG	\$ .50	\$40.00
	Additional Username, Each	LOGAX	.50	20.00
	Subsequent Order (1)			
	First Username, Each	LOGSX	\$ .50	\$60.00
	Additional Username, Each	LOGAX	.50	20.00
В.	Printed Reports		SERVICE	CHARGE (2)
	Summary Report, Each	SU2	\$100	0.00

MICROLINK IISM - PACKET SWITCHING DIGITAL SERVICE

Public Service Commission
NOV 17 1986
Public Service Commission

CANCELLED

200.00

\$200.00

(1) This charge also applies to change or identify a password for the customer.

(2) This charge applies per report type, each occasion a particular report is generated for the customer.

Issued: JUL 15 1986

Effective: 027 1 0 1000

Detailed Report, Each ..... BDT

Accounting Tape, Each ..... MBT

Magnetic Tape Report

Digital Link Services Tariff Section 6 1st Revised Sheet 17 Replacing Original Sheet 17

(CT)

MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE REGENCE

6.7 RATES AND CHARGES-(Continued)

SEP 5 1999

6.7.2 Rate Applications for the (314) LATA-(Continued)

MISSOURI
Public Service Jahrnission

(RT) D. Public Dial Access Termination(4)

RATE(1)(2)

(RT)

Connect Time, Per Minute of Each Call Session.

1. Asynchronous Termination (3)

.3/1.2/2.4 Kbps Application, Per Minute

(CR) \$0.015

- (1) For purposes of billing, all fractional minutes of use will be rounded to the next higher 1/10 of a minute.
- (2) These charges can be paid by either the call originating end or the call destination end.
- (3) The Non-Polled Asynchronous Protocol is available with this type of termination.

1

(RT)

(RT)

(FC) (4) Refer to the Local Exchange Tariff and the Long Distance Message
Telecommunications Service Tariff, if applicable, for charges that apply in
addition to those stated herein for dial access calls.

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Issued:

SEP 0.5 1989

Effective: 0CT 05 1989 0CT 5 1989

Digital Link Services Tariff
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1st Revised Sheet 17
Replacing Original Sheet 17

(CT)

MICROLINK ITB - PACKET SWITCHING DIGITAL SERVICE RECEIVED

6.7 RATES AND CHARGES-(Continued)

SEP 5 1999

6.7.2 Rate Applications for the (314) LATA-(Continued)

MISSOLIAL

Public Service Junimission

(RT) D. Public Dial Access Termination(4)

RATE(1)(2)

(RT)

Connect Time, Per Minute of Each Call Session.

1. Asynchronous Termination (3)

.3/1.2/2.4 Kbps Application, Per Minute

(CR) \$0.015

# CANCELLED

APR 11 1993

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Jublic Garvice Commission
MISSOURI

(1) For purposes of billing, all fractional minutes of use will be rounded to the next higher 1/10 of a minute.

(2) These charges can be paid by either the call originating end or the call destination end.

(3) The Non-Polled Asynchronous Protocol is available with this type of termination.

(RT)

(RT)

(FC) (4) Refer to the Local Exchange Tariff and the Long Distance Message

Telecommunications Service Tariff, if applicable, for charges that apply in
addition to those stated herein for dial access calls.

Issued:

SEP 0.5 1989

Effective: 0CT 05 1989 0CT 5 1989

Digital Link Services Tariff Section 6 Original Sheet 17

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MICROLINK 11SM - PACKET SWITCHING DIGITAL SERVICE GOLVED

6.7 RATES AND CHARGES-(Continued)

6.7.2 Rate Applications for the (314) LATA-(Continued)

JUL 1 1 1986

MISSOURI

Public Service Commission

RATE (1)(2)(6)

D. Public Dial Access Termination (7)

PEAK PERIOD (4) OFF-PEAK PERIOD (5)

Connect Time, Per Minute of Each Call Session.

1. Asynchronous Termination (3)

.3/1.2/2.4 Kbps Application, Per Minute \$0.016

\$0.011

CANCELLED

OCT 5 1989

BY LOT 15 1989

BY LOT 15 1989

COmmission

MISSOURI

MISSOURI

(1) For purposes of billing, all fractional minutes of use will be rounded to the next higher 1/10 of a minute.

(2) These charges can be paid by either the call originating end or the call destination end.

(3) The Non-Polled Asynchronous Protocol is available with this type of termination.

(4) Peak Period Rates apply from 7:00 a.m. to 7:00 p.m. every day except
Saturday, Sunday and the following holidays: New Year's Day, Independence
Day, Thanksgiving Day, Labor Day, and Christmas Day.

(5) Off-Peak Period Rates apply from 7:00 p.m. to 7:00 a.m. of Monday through Friday and all day Saturday, Sunday and the following holidays: Wew Year 536 Day, Independence Day, Thanksgiving Day, Labor Day, and Christmas Day.

(6) Call sessions are rated based upon rates in effect at the time the call is initiated. In cases where a call begins in one rate period and rends ommission in another, the rate in effect in each period applies to the portion of the sessions occurring within that rate period.

(7) Refer to the Local Exchange Tariff and the Long Distance Message Telecommunication Service Tariff, if applicable, for charges that apply in addition to

those stated herein for dial access calls.

NOV 17 1986

Issued: JUL 15 1986

Effective: JET 15 1980

Digital Link Services Tariff
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1st Revised Sheet 18
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(CT) MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE

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6.7 RATES AND CHARGES-(Continued)

SEP 5 1999

6.7.2 Rate Applications for the (314) LATA-(Continued)

E.	Private Dial Access Termination	MONITHIA A	MISSOURI Public Scride Commission		
		usoc	MONTHLY CHARGE	CHARGE (1)	
	1. Asynchronous Termination (3	)			
	.3/1.2/2.4 Kbps Application, Each	LL52+	\$35.00	\$285.00	
	2. Synchronous Termination (4)				
	4.8 Kbps Application, Each.	LL64+	65.00	285.00	
	3. Serial Input-Output Termina	tion (5)			
	4.8 Kbps Application, Each.	LL84+	85.00	285.00	

- (1) The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00.
- (2) Refer to the Local Exchange Tariff and the Long Distance Message Telecommunication Service Tariff, if applicable, for charges that apply in addition to those stated herein for dial access calls.
- (3) The Non-Polled Asynchronous Protocol is available with this type of termination.
- (4) The 3270 Bisynchronous Protocol is available with this type of termination.
- (5) The 3270 SDLC Protocol is available with this type of termination.

Issued: SEP 0.5 1989

Effective: 0

OCT 05 1989

FILED

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company

Digital Link Services Tariff
Section 6
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MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE

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6.7 RATES AND CHARGES-(Continued)

SEP 5 1999

6.7.2 Rate Applications for the (314) LATA-(Continued)

Private Dial Access Termination	1 (2)	MONIBUL V	MISSOURI Public Savice Commissic		
	usoc	MONTHLY CHARGE	CHARGE (1)	iuri	
1. Asynchronous Termination (3	3)				
.3/1.2/2.4 Kbps Application		\$35.00	\$285.00		
2. Synchronous Termination (4)	)				
4.8 Kbps Application, Each	LL64+	65.00	285.00		
3. Serial Input-Output Termina	ation (5)				
4.8 Kbps Application, Each	LL84+	85.00	285.00		

# CANCELLED

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and RS /6

subtio Service Commission

MISSOURI

(1) The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00.

(2) Refer to the Local Exchange Tariff and the Long Distance Message Telecommunication Service Tariff, if applicable, for charges that apply in addition to those stated herein for dial access calls.

(3) The Non-Polled Asynchronous Protocol is available with this type of termination.

(4) The 3270 Bisynchronous Protocol is available with this type of termination.

(5) The 3270 SDLC Protocol is available with this type of termination.

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Effective:

OCT 05 1989

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Digital Link Services Tariff
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Original Sheet 18

MICROLINK IISM - PACKET SWITCHING DIGITAL SERVICE REGER 6.7 RATES AND CHARGES-(Continued) JUL 1 1 1986 6.7.2 Rate Applications for the (314) LATA-(Continued) E. Private Dial Access Termination (2) MISSOURI SERVICE Service Commission MONTHLY USOC CHARGE CHAR<del>GE</del> Asynchronous Termination (3) .3/1.2/2.4 Kbps Application, \$35.00 Each ...... LL52+ \$285.00 Synchronous Termination (4) 4.8 Kbps Application, Each... LL64+ 65.00 285.00

CANCELLED

285.00

BY PULS# 18
Public Service Commission
MISSOURI

NOV 17 1986

(1) The applicable service charge for each subsequent termination of the same same significant type ordered on the same request and installed in the same node is \$105.00.

(2) Refer to the Local Exchange Tariff and the Long Distance Message Telecommunication Service Tariff, if applicable, for charges that apply in addition to those stated herein for dial access calls.

(3) The Non-Polled Asynchronous Protocol is available with this type of termination.

3. Serial Input-Output Termination (5)

4.8 Kbps Application, Each .. LL84+

(4) The 3270 Bisynchronous Protocol is available with this type of termination.

(5) The 3270 SDLC Protocol is available with this type of termination.

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Digital Link Services Tariff Section 6 1st Revised Sheet 19 Replacing Original Sheet 19

MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE (CT)

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6.7 RATES AND CHARGES-(Continued)

9.6 Kbps Application, Each...

SEP 5 1939

6.7.2 Rate Applications for the (314) LATA-(Continued)

MISSOURI

F.	Direct Access Termination (2)	թըլ	Public Service Commission			
		USOC	MONTHLY CHARGE	SERVICE CHARGE (1)		
1.	Asynchronous Termination (3)					
	Analog (6)					
	1.2 Kbps Application, Each	LPP1+	\$ 65.00	\$295.00		
	2.4 Kbps Application, Each	LPP2+	70.00	295.00		
2.	Synchronous Termination (4)					
	Analog (6)					
	2.4 Kbps Application, Each	LLW2+	\$ 90.00	\$295.00		
	4.8 Kbps Application, Each	LLW4+	105.00	295.00		
	9.6 Kbps Application, Each	LLW9+	115.00	295.00		
3.	Serial Input-Output Termination (5	)				
	Analog (6)					
	2.4 Kbps Application, Each	LL22+	\$105.00	295.00		
	4.8 Kbps Application, Each	LL24+	120.00	295.00		

(1) The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00.

LL29+

130.00

- (2) Refer to the Telephone Company Private Line Service Tariff for the charges that apply for access from the customers' premises to the Packet Switching Network. See Footnote (6) for Analog Private Line Access.
- (3) The Polled and Non-Polled Asynchronous Protocols are available with this type of termination.
- The 3270 Bisynchronous Protocol is available with this type of termination. (4)
- The X.25 and 3270 SDLC Protocols are available with this type of (5) termination.
- Refer to paragraph 6.4.2 for application of analog access rates. (6)

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	70. **	_	 		AA- 5 4000

By R. D. BARRON, President-Missouri Division OCT 5 1989 Southwestern Bell Telephone Company

St. Louis, Missouri

295.00

Digital Link Services Tariff
Section 6
1st Revised Sheet 19
Replacing Original Sheet 19

(CT)

# MICROLINK II - PACKET SWITCHING DIGITAL SERVICE

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6.7 RATES AND CHARGES-(Continued)

SEP 5 1939

6.7.2 Rate Applications for the (314) LATA-(Continued)

MISSOURI

F. Direct Access Termination (2)

Public Service Commission

		USOC	MONTHLY CHARGE	SERVICE CHARGE (1)
1.	Asynchronous Termination (3)			
	Analog (6)			
	1.2 Kbps Application, Each	LPP1+	\$ 65.00	\$295.00
	2.4 Kbps Application, Each	LPP2+	70.00	295.00
2.	Synchronous Termination (4)			
	Analog (6)			
	2.4 Kbps Application, Each	LLW2+	\$ 90.00	\$295.00
	4.8 Kbps Application, Each	LLW4+	105.00	295.00
	9.6 Kbps Application, Each	LLW9+	115.00	295.00 ANCELLED
3.	Serial Input-Output Termination (5)	1		APR 11 1993
	Analog (6)			2nd RS 16
	2.4 Kbps Application, Each	LL22+	\$105.00	295. Office Commission
	4.8 Kbps Application, Each	LL24+	120.00	295.00
	9.6 Kbps Application, Each	LL29+	130.00	295.00

(1) The applicable service charge for each subsequent termination of the same type ordered on the same request and installed in the same node is \$105.00.

(2) Refer to the Telephone Company Private Line Service Tariff for the charges that apply for access from the customers' premises to the Packet Switching Network. See Footnote (6) for Analog Private Line Access.

(3) The Polled and Non-Polled Asynchronous Protocols are available with this type of termination.

(4) The 3270 Bisynchronous Protocol is available with this type of termination.

(5) The X.25 and 3270 SDLC Protocols are available with this type of termination.

(6) Refer to paragraph 6.4.2 for application of analog access rates.

Issued: SEP 0.5 1989 Effective: OCT 0.5 1989

By R. D. BARRON, President-Missouri Division OCT 5 1989
Southwestern Bell Telephone Company
St. Louis, Missouri Public Service Commission

Digital Link Services Tariff Section 6 Original Sheet 19

of ca	ncel	ling this tariff.		
		MICROLINK II <sup>SM</sup> - PACKET SWI	TCHING DIGITAL	SERV REGEIVED
6.7	RATE	ES AND CHARGES-(Continued)		
6.7.	2 F	Rate Applications for the (314) LATA	-(Continued)	JUL. 1 1 1986
F.	Dir	rect Access Termination (2) <u>USOC</u>	MONTHLY CHARGE	MISSOURI SERVICIE Commission CHARGE (Privice Commission)
	1.	Asynchronous Termination (3)		
		Analog (6)		
		1.2 Kbps Application, Each LPP1	÷ \$65.00	\$295.00
		2.4 Kbps Application, Each LPP2	70.00	\$295.00 ANCELLED
	2.	Synchronous Termination (4)		oct 5 130 a
		Analog (6)		BY Commission
		2.4 Kbps Application, Each LLW2	+ \$ 90.00	BY PARS # 15 Service Commission MISSOURI
		4.8 Kbps Application, Each LLW4	+ 105.00	295.00
		9.6 Kbps Application, Each LLW9	+ 115.00	295.00
	3.	Serial Input-Output Termination (5	)	
		Analog (6)		
		2.4 Kbps Application, Each LL22	+ \$105.00	\$295.00
		4.8 Kbps Application, Each LL24	+ 120.00	295.00
(1)	m	9.6 Kbps Application, Each LL29		295.00
(1)	sam	e applicable service charge for each be type ordered on the same request a		n the same node is
(2)	Řef	5.00. er to the Telephone Company Private	Line Service Ta	ariff for the charges
	tha Net	t apply for access from the customer work. See Footnote (6) for Analog P	s' premises to rivate Line Acc	the PacketySwitching cess.
(3)	The	Polled and Non-Polled Asynchronous of termination.		available with this
(4)	The	e 3270 Bisynchronous Protocol is≔avai		
(5) (6)		e X.25 and 3270 SDLC Protocols are av Ser to paragraph 6.4.2 for application		his type of termination.

Issued: JUL 15 1986

NOV. 17 1986 Effective: CEP 15 1886

Digital Link Services Tariff Section 6 1st Revised Sheet 20 Replacing Original Sheet 20

MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE (CT)

6.7 RATES AND CHARGES-(Continued)

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6.7.2 Rate Applications for the (314) LATA-(Continued)

SEP 5 1999

G. Call Establishment (1)

RATE (3) SSOURI Fublic Service Commission

(RT)

1. Call Set Up, Per Set Up

(CR) \$0.005

(DR)

(DR)

(RT) (RT)

(RT)

H. Character Transmission Charge (2)(4)

(RT)

1. Without Protocol Conversion, Per Kilocharacter

(CR) \$0.020

This charge does not apply to sessions involving Permanent Virtual Circuits.

(2) Call sessions are rated based upon rates in effect at the time the call is In cases where a call begins in one rate period and ends in another, the rate in effect in each period applies to the portion of the session occurring within that rate period.

These charges can be paid by either the call originating end or the call

destination end.

(RT)

(RT)

Protocol Conversion of basic MICROLINK II -Packet Switching Digital Service (FC) (4) traffic is available on a detariffed basis via separate contractual arrangements with Southwestern Bell Telephone Company.

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SEP 05 1989

OCT 05 1989

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OCT 5

Digital Link Services Tariff Section 6 1st Revised Sheet 20 Replacing Original Sheet 20

(CT)

MTCROLINK IT - PACKET SWITCHING DIGITAL SERVICE

6.7 RATES AND CHARGES-(Continued)

RECEIVED

6.7.2 Rate Applications for the (314) LATA-(Continued)

5 1999

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MISSOURI

G. Call Establishment (1)

RATE (3) SSOURI Public Service Commission

(RT)

1. Call Set Up, Per Set Up

(CR) \$0.005

(DR)

(DR)

(RT)

(RT)

(RT)

H. Character Transmission Charge (2)(4)

(RT)

(CR) \$0.020

Per Kilocharacter

1. Without Protocol Conversion,

- (1) This charge does not apply to sessions involving Permanent Virtual Circuits.
- (2) Call sessions are rated based upon rates in effect at the time the call is In cases where a call begins in one rate period and ends in initiated. another, the rate in effect in each period applies to the portion of the session occurring within that rate period.

These charges can be paid by either the call originating end or the call

destination end.

(RT)

(RT)

Protocol Conversion of basic MICROLINK II -Packet Switching Digital Service traffic is available on a detariffed basis via separate contractual arrangements with Southwestern Bell Telephone Company.

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SEP 0.5 1989

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company

OCT 5

St. Louis, Missouri

Public Service Commission

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MICROLINK II <sup>SM</sup> - PACKET SW	ITCHING DIGITAL	SERVICEREGEIVED
6.7 RATES AND CHARGES-(Continued)		
6.7.2 Rate Applications for the (314) LATA	-(Continued)	JUL 1 1 1986
G. Call Establishment(1)		MISSOURI ATE Public Service Commission
	PEAK PERIOD (4)	OFF-PEAK PERIOD (5)
1. Call Set Up, Per Set Up	\$0.015	\$0.002
2. Peak Períod Volume Discount Plan	VOLUME DISCOUN	CANCE
0-20,000 Call Set-ups	\$0.015 0.013 0.012 0.010	OCT 5 1989  OCT 5 1989  BY L S. # 20  BY L S
H. Character Transmission Charge $(2)(7)$	R	ATE (3)
	PEAK PERIOD (4)	OFF-PEAK PERIOD (5)
<ol> <li>Without Protocol Conversion, Per Kilocharacter</li> </ol>	\$0.035	\$0.018
(1) This charge does not apply to sessions (2) Call sessions are rated based upon rate	s in effect at t	he time the call is

initiated. In cases where a call begins in one rate period and ends in another, the rate in effect in each period applies to the portion of the session occurring within that rate period.

These charges can be paid by either the call originating end or the call destination end.

Peak period rates apply from 7:00 a.m. to 7:00 p.m. every day except Saturday, Sunday and the following holidays: New Year's Day, Independence Day, Thanksen en giving Day, Labor Day, and Christmas Day.

Off-Peak period rates apply from 7:00 p.m. to 7:00 a.m. on Monday through Friday and all day Saturday, Sunday and the following holidays: New Year's Day, Independence Day, Thanksgiving Day, Labor Day and Christmas Day.

Volume discounts will be calculated based on the total number of monthly peak-period call set-ups generated by each customer accounts the volume must be peak-period call set-ups generated by each customer accounts to the volume must be peak-period call set-ups generated by each customer accounts to the volume must be peak-period call set-ups generated by each customer accounts to the volume must be peak-period call set-ups generated by each customer accounts to the volume must be peak-period call set-ups generated by each customer accounts to the volume must be peak-period call set-ups generated by each customer accounts to the volume must be peak-period call set-ups generated by each customer accounts to the volume must be peak-period call set-ups generated by each customer accounts to the peak-period call set-ups generated by each customer accounts to the peak-period call set-ups generated by each customer accounts to the peak-period call set-ups generated by each customer accounts to the peak-period call set-ups generated by the peak-period call setdiscount for each band will only apply to the number of call\_set\_ups that actually fall within that particular band.

Protocol Conversion of basic MICROLINK II - Packet Switching Digital Service traffic is available on a detariffed basis via separate contractual arrange-

ments with Southwestern Bell Telephone Company.

Issued: JUL 15 1986

Effective: \_

NOV 17, 1986

Digital Link Services Tariff
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1st Revised Sheet 21
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(CT) MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE CEIVED

6.7 RATES AND CHARGES-(Continued)

SEP 5 1999

6.7.2 Rate Applications for the (314) LATA-(Continued)

MISSOURI

SERVICE

Public Service Commission

MONTHLY

(DR) (DR)

			USOC	CHARGE	CHARGE
(FC)	ı.	Polled Protocol <sup>(1)</sup>			
		Per Protocol, Per Terminal Device	LLQ	\$1.00	None
	J.	Optional Features			
(FC)		Permanent Virtual Circuit, Each	LDV	\$5.00	\$165.00 <sup>(2)</sup>
		Restricted User Group, Per Group	LDJ	5.00	90.00

(RT)

(RT)

(RT)

(FC) (1) Polling available with Direct Access only. Protocols that require this charge are Polled Asynchronous, 3270 Bisynchronous and 3270 SDLC.

(FC) (2) Applies only on subsequent order additions.

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Digital Link Services Tariff
Section 6
1st Revised Sheet 21

Replacing Original Sheet 21

(CT) MICROLINK IT - PACKET SWITCHING DIGITAL SERVICE CEIVED

6.7 RATES AND CHARGES-(Continued)

SEP 5 1999

6.7.2 Rate Applications for the (314) LATA-(Continued) MISSOURI

(RT) Public Service Commission

(DR)
(RT) (DR)

			USOC	MONTHLY CHARGE	SERVICE CHARGE
(FC)	I.	Polled Protocol <sup>(1)</sup>			
		Per Protocol, Per Terminal Device	LLQ	\$1.00	None
	J.	Optional Features			
(FC)		Permanent Virtual Circuit, Each	LDV	\$5.00	\$165.00 <sup>(2)</sup>
		Restricted User Group, Per Group	LDJ	5.00	90.00

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(RT)

(RT)

(FC) (1) Polling available with Direct Access only. Protocols that require this charge are Polled Asynchronous, 3270 Bisynchronous and 3270 SDLC.

(FC) (2) Applies only on subsequent order additions.

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Issued: SEP 05 1989

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Digital Link Services Tariff Section 6 Original Sheet 21

MICROLINK IISM - PACKET SWITCHING DIGITAL SERVIÇE

6.7 RATES AND CHARGES-(Continued)

6.7.2 Rate Applications for the (314) LATA-(Continued)

H. Character Transmission Charge-(Continued)

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MISSOURI

VOLUME DISCOUNT RATE Public Service Commission

^	T. 1			<b>T</b>	**
2.	Peak	Period	Volume	Discount	Plan

0-100,000 Kilocharacters	\$0.035
100,001-150,000 Kilocharacters	0.028
150,001-200,000 Kilocharacters	0.026
Over 200,000 Kilocharactrs	0.024

SERVICE MONTHLY USOC CHARGE CHARGE I. Polled Protocol<sup>(2)</sup> Per Protocol, Per Terminal Device LLQ \$1.00 None

J. Optional Features

Permanent Virtual Circuit, Each LDV \$5.00 \$165	.00 (3)
--	---------

5.00 Restricted User Group, Per Group LDJ

90.00

CANCELLED Public Service Commission

NOV 17 1986

(1) Volume discounts will be calculated based on the total monthly cheak-periods. Kilocharacter usage generated by each customer account! The volume discount for each band will only apply to the total number of Kilocharacters that actually fall within that particular band.

Polling available with Direct Access only. Protocols that require this charge are Polled Asynchronous, 3270 Bisynchronous and 3270 SDLC.

Applies only on subsequent order additions.

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17 1986 Effective:

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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# TELECOMMUNICATIONS SERVICE PRIORITY (TSP) SYSTEM

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7.1.2 Regulations	1
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B. Provision of Service	1-2
7.1.3 Method of Applying Rates	2-3
7.1.3.1 Rate Elements	2-3
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B. Priority Restoration Level Implementation (Assignment)	3
C. Priority Restoration Level Change (Revision)	3
D. Priority Restoration Administration and Maintenance	3
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7.1.3.3 Revocation or Discontinuance	3
7.1.3.4 Additional Labor Charges	3
7.1.3.5 Quotation of Additional Charges	3
7 1 4 Rates and Charges	2



Digital Link Services Tariff Section 7 Original Sheet 1

# TELECOMMUNICATIONS SERVICE PRIORITY (TSP) SYSTEM

# 7.1 DESCRIPTION AND APPLICATION OF SERVICES

#### 7.1.1 GENERAL

The National Security Emergency Preparedness (NSEP) Telecommunications Service Priority (TSP) System is a service that provides the regulatory, administrative, and operational framework for the priority installation and/or restoration of NSEP telecommunications services.

NSEP telecommunications services are defined as those services used to maintain a state of readiness or to respond to and manage any event or crisis, i.e., local, national or international, which causes or could cause injury or harm to the population, damage to or loss of property or degrades or threatens the National Security Emergency Preparedness posture of the United States.

A TSP designation requires and authorizes priority action by the Telephone Company providing such services.

# 7.1.2 Regulations

The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this tariff.

## A. Availability of Service

TSP System service is available to all qualified Government Agency customers for services described in this tariff. Non-Government customers requesting TSP System service must be sponsored by a qualified Government Agency. The request for a TSP Authorization Code must be processed through the sponsoring agency.

## B. Provision of Service

TSP System service shall be provided in accordance with the "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service and the "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service.



Digital Link Services Tariff
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Original Sheet 2

## TELECOMMUNICATIONS SERVICE PRIORITY (TSP) SYSTEM

# 7.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

# 7.1.2 Regulations-(Continued)

# B. Provision of Service-(Continued)

The TSP System applicability is limited to Digital Link Services and Private Line Services that the Telephone Company can discreetly identify for priority provisioning and restoring.

TSP System service will be provided to any Digital Link Service or Private Line Service customer upon receipt of written confirmation that the proper Priority System Authorization Number (PSAN) has been duly authorized and that authorization has subsequently been confirmed by the Telephone Company.

The customer, in obtaining TSP System service, acknowledges and consents to the provision of certain customer service record information by the Telephone Company to the NCS in order for NCS to maintain and administer its overall TSP System. This customer service record information will include the TSP Authorization Code and Telephone Company Circuit/Service Identification information.

Under certain conditions it may be necessary to preempt one or more customer services with a lower or no restoration priority in order to install or restore NSEP telecommunications service(s) of a higher priority. If such preemption is necessary and if circumstances permit, the Telephone Company will make reasonable effort to notify the preempted service customer of the action being taken. Credit allowance for such service preemption shall be in accordance with the provisions set forth in P.S.C. Mo.-No. 29, Private Line Service Tariff, Section 1.

# 7.1.3 Method of Applying Rates

Certain activities associated with the TSP System performed by the Telephone Company are included in the following rate elements:

## 7.1.3.1 Rate Elements

# A. Priority Installation (Provisioning)

The act of supplying telecommunications service to a customer, including all associated transmission, wiring, and equipment if legally provided by the Telephone Company, in a shorter period of time than standard order intervals would allow. One charge applies per circuit per request.



Digital Link Services Tariff Section 7 Original Sheet 3

## TELECOMMUNICATIONS SERVICE PRIORITY (TSP) SYSTEM

- 7.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)
  - 7.1.3 Method of Applying Rates-(Continued)
    - 7.1.3.1 Rate Elements-(Continued)
      - B. Priority Restoration Level Implementation (Assignment)

The act of designating the priority level for the restoration of a particular NSEP telecommunications service. One charge applies for the initial service installation. One charge applies for each subsequent request to add circuit locations to an existing service.

C. Priority Restoration Level Change (Revision)

The act of changing the priority level assignment for an NSEP telecommunications service. This includes any extension of an existing priority level assignment to an expanded NSEP service. One nonrecurring charge applies per circuit per request.

D. Priority Restoration Administration and Maintenance

The act of administering and maintaining the TSP system in such a manner that it corresponds to the National Communications System database. The monthly charge applies per circuit location.

- 7.1.3.2 Credit Allowances Credit allowance for service interruption for Priority Restoration Maintenance and Administration shall be the same as for the Digital Link Service or Private Line Service with which it is associated.
- 7.1.3.3 Revocation or Discontinuance When TSP is revoked, or discontinued, and the associated Digital Link Service or Private Line Service is continued in service, no charge applies for such a discontinuance.
- 7.1.3.4 Additional Labor Charges When performing Priority Installation (Provisioning) or Restoration of a Digital Link Service or Private Line Service the Telephone Company, due to circumstances beyond its control, may not be in a position to notify the customer in advance that certain additional labor charges may apply as set forth in P.S.C. Mo.-No. 29, Private Line Service Tariff, Section 1, Paragraph 1.1.4, C.
- 7.1.3.5 Quotation of Additional Charges In subscribing to TSP System service, the customer recognizes this condition and grants the Telephone Company the right to quote charges after the installation or restoration has been completed.



Digital Link Services Tariff Section 7 Original Sheet 4

# TELECOMMUNICATIONS SERVICE PRIORITY (TSP) SYSTEM

# 7.1 DESCRIPTION AND APPLICATION OF SERVICES-(Continued)

# 7.1.4 RATES

A. The following rates and charges are in addition to all other rates and charges that may be applicable for the associated service that is provided by this tariff.

upi	silvatore for the associated service that is provided by	USOC	Monthly . Rate .	Service Charge
1.	Priority Installation (PI) of a Digital Link Service or Private Line Service - Per Request, per service. (1)			
	Prime Service Vendor	P1APX	None	\$50.00
	Subcontractor	P1ASX	None	\$50.00
2.	Priority Restoration (PR) of a Digital Link Service or Private Line Service - Per request, per service.			
	a. PR Level Implementation (1)			
	Prime Service Vendor	PR5PX	None	\$ 51.00
	Subcontractor	PR5SX	None	\$ 51.00
	b. PR Level change on an existing Digital Link Service. (2)			
	Prime Service Vendor	PR8PX	None	\$ 50.00
	Subcontractor	PR8SX	None	\$ 50.00
3.	Administration and Maintenance of TSP Service - Per Point of Termination on a Customer Premises			
	Prime Service Vendor	PR9PX	\$ 4.20	\$None
	Subcontractor	PR9SX	\$ 3.45	\$None

- (1) When a Digital Link Service or Private Line Service is ordered with both Priority Installation and Priority Restoration, only the nonrecurring charge for Priority Restoration applies.
- (2) When a Priority Restoration Level Change is ordered with additional activity that would normally generate a PR Level Implementation charge only one Priority Restoration charge applies.



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# NETWORK RECONFIGURATION SERVICE

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8.2	Options and Features	1-3
8.3	Technical Specifications	3
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Issued: June 30, 1992 Effective: August 10, 1992



Digital Link Services Tariff
Section 8
3rd Revised Sheet 1
Replacing 2nd Revised Sheet 1

#### NETWORK RECONFIGURATION SERVICE

#### 8.1 SERVICE DESCRIPTION

- 8.1.1 Network Reconfiguration Service (NRS) allows customers direct access to, and control of, their intraLATA MegaLink II® and MegaLink III® Digital Link Services and certain analog Private Line services, without going through normal Telephone Company service order procedures. NRS uses a central office cross-connect system for the remote reconfiguration of these channels. The cross-connect devices currently used by the Telephone Company are Digital Cross-Connect Systems (DCSs) which interface with either a DS1 (1.544 Mbps) signal or a DS3 (44.736 Mbps) signal, and cross-connect internally at the DSO (64 Kbps) level. Customers can reconfigure their dedicated network services from their premises, or they can request the Telephone Company to perform the reconfigurations.
- (AT)(CT) (AT) | (AT)
- 8.1.2 Service arrangements which use the public switched network in any way, (i.e., Foreign Exchange, Foreign Service Office, MicroLink I, local exchange service) may not be terminated directly to a channel port of the NRS. NRS may be used with indirect terminations so long as the service arrangement does not expand the customer's local calling scope.
- 8.1.3 Customers will access NRS by use of a customer-provided terminal on their premises in conjunction with a dedicated line, available through the Private Line Service Tariff or Digital Link Services Tariff, or on a dial-up basis with a local exchange line and seven-digit telephone number.
- 8.1.4 NRS is available only at certain Telephone Company designated hub locations where digital cross-connect systems are located. NRS hub designations are found in the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff (NECA Tariff).
- 8.1.5 This service is competitively classified.

#### 8.2 NETWORK RECONFIGURATION SERVICE OPTIONS AND FEATURES

- 8.2.1 Network Reconfiguration Service Options
  - On-demand
  - Reservation
- 8.2.2 The on-demand option will make near real time changes to the network, while the reservation option will be executed at a specified time designated by the customer. Both types of reconfigurations are available whether the customer performs the reconfigurations or requests the Telephone Company to perform them.
- Registered Service Mark of Southwestern Bell Telephone Company

Issued: April 21, 2003

Effective: May 21, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff
Section 8
2nd Revised Sheet 1
Replacing 1st Revised Sheet 1
Missouri Public

## NETWORK RECONFIGURATION SERVICE

# 8.1 SERVICE DESCRIPTION

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- 8.1.1 Network Reconfiguration Service (NRS) allows customers direct access to Cand Control of their intraLATA MegaLink II® and MegaLink III® Digital Link Services and certain analog Private Line services, without going through normal Telephone Company service order procedures. NRS uses a central office cross-connect system for the remote reconfiguration of these channels. The cross-connect devices currently used by the Telephone Company are Digital Cross-ConnectSystems (DCSs) which interface with either a DS1 (1.544 Mbps) signal or a DS3 (44.736 Mbps) signal, and cross-connect internally at the DSO (64 Kbps) level. Customers can reconfigure their dedicated network services from their premises, or they can request the Telephone Company to perform the reconfigurations.
- 8.1.2 Services which use the Public Switched Network in any manner, i.e., Foreign Exchange, Foreign Service Office, MicroLink I, may not be terminated in a channel port of the NRS.
- 8.1.3 Customers will access NRS by use of a customer-provided terminal on their premises in conjunction with a dedicated line, available through the Private Line Service Tariff or Digital Link Services Tariff, or on a dial-up basis with a local exchange line and seven-digit telephone number.
- 8.1.4 NRS is available only at certain Telephone Company designated hub locations where digital cross-connect systems are located. NRS hub designations are found in the National Exchange Carrier Association, Inc.'s Wire Center Information Tariff (NECA Tariff).
- (AT) 8.1.5 This service is competitively classified.

8.2 NETWORK RECONFIGURATION SERVICE OPTIONS AND FEATURES CANCELLED

8.2.1 Network Reconfiguration Service Options

- On-demand

- Reservation

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8.2.2 The on-demand option will make near real time changes to the network, while the reservation option will be executed at a specified time designated by the customer. Both types of reconfigurations are available whether the customer performs the reconfigurations or requests the Telephone Company to perform them.

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Issued: February 20, 2002

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By JAN NEWTON, President-Missouri

Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company

St. Louis, Missouri

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Digital Link Services Tariff
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# NETWORK RECONFIGURATION SERVICE

# 8.1 SERVICE DESCRIPTION

# MISSOURI Public Service Commission

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- 8.2.1 Network Reconfiguration Service Options
  - On-demand
  - Reservation

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® Registered Service Mark of Southwestern Bell Telephone Company

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By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff
Section 8
Original Sheet 1

NETWORK RECONFIGURATION SERVICE

JUN 30 1992

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- Reservation

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#### NETWORK RECONFIGURATION SERVICE

## 8.2 NETWORK RECONFIGURATION OPTIONS AND FEATURES-(Continued)

# 8.2.3 Network Reconfiguration Service Features

#### A. ROUTING FEATURE

The routing feature allows customers to reroute dedicated circuits to different locations at DS0, DS1, or DS3 bandwidth.

## B. RENAMING FEATURE

The renaming feature allows customers to rename their network locations, circuits and facilities.

# C. SPECIAL DAY DEFINITION FEATURE

This feature gives customers the capability to specify circuit reconfiguration on special dates, e.g., payday, holidays.

#### D. RESOURCE VERIFICATION FEATURE

This feature allows customers to verify the resource availability for the reservation period in their reconfiguration request prior to the system's confirmation or denial of the request.

## E. TRANSACTION LOG FEATURE

This feature provides customers a database log that contains every transaction involving reconfigurations of their services.

## F. MULTILEVEL SECURITY FEATURE

This feature eliminates the outside entry into a customer's circuit network arrangement inventory.

## G. COMPATIBILITY TABLE FEATURE

This feature permits customers to view the allowable Private Line and Digital Link combinations that can be used within their NRS.

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### NETWORK RECONFIGURATION SERVICE

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- 8.2 NETWORK RECONFIGURATION OPTIONS AND FEATURES-(Continued)
- 8.2.3 Network Reconfiguration Service Features

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A. ROUTING FEATURE

The routing feature allows customers to reroute dedicated circuits to different locations at any DSO or DS1 bandwidth.

B. RENAMING FEATURE

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#### NETWORK RECONFIGURATION SERVICE

## 8.2 NETWORK RECONFIGURATION OPTIONS AND FEATURES-(Continued)

8.2.3 Network Reconfiguration Service Features-(Continued)

### H. PATH PRIORITY FEATURE

This feature gives customers the ability to arrange their circuit paths in order of priority when multiple routes exist.

## I. RESERVATION SUMMARY SCREEN FEATURE

This feature allows customers to view the status of their reconfiguration reservations.

# J. SIMPLE COMMANDS AND SCREENS FEATURES

This feature permits customers to use simple commands on screens with easy to use menus.

## K. MACRO COMMAND/NETWORK MODELING FEATURE

This feature gives customers the ability to initiate with one command, multiple two-point cross-connections. Customers can build separate network models, such as daytime models, nighttime models, and disaster recovery models and invoke their activation or change from one to the other.

## L. VARIABLE BANDWIDTH FEATURE

This feature supports scheduled reconfigurations which allows for the interchangeable use of an internodal facility as either a full DS3, DS1 or one or more subtending channels. This feature requires a DS3 or DS1 internodal facility in the customer's network.

#### 8.3 TECHNICAL SPECIFICATIONS

- 8.3.1 Services that are cross-connected by NRS must have identical technical characteristics to ensure compatibility and proper operation, e.g., Data-to-Data, Voice-to-Voice.
- 8.3.2 NRS specifications are set forth in Technical Reference TR-TSY-000366.

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8.2 NETWORK RECONFIGURATION OPTIONS AND FEATURES-(Continued)

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8.2.3 Network Reconfiguration Service Features-(Continued)

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## NETWORK RECONFIGURATION SERVICE

#### 8.4 RATE REGULATIONS

8.4.1 This section describes the rate elements applicable to NRS. Rate applications specific to this service are also included.

# 8.4.2 General

There are four basic rate elements which apply to NRS:

- Service establishment
- Database modification
- Port charges
- Reconfiguration charges

# 8.4.3 Rate Element Description

# A. SERVICE ESTABLISHMENT

This charge applies per customer database setup. The customer database setup is a grid, built by the Telephone Company, that contains all the circuits the customer will be able to control and reconfigure. Security, as well as circuit inventory, is built into the grid, permitting the customer control of its own circuits. Also included is the provisioning of customer training.

## **B. DATABASE MODIFICATION**

This charge applies (per customer contact, or request) each time the customer requests a subsequent modification of its database grid. A modification can be an addition or deletion of circuits terminating on the cross-connect system, or a rearrangement of the database grid, e.g., an outside move, the rearrangement of the customer's routing priority, a change in the amount of bandwidth (from channelized data to video application), or a change in application of a DS1 (from all data to all voice).

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#### NETWORK RECONFIGURATION SERVICE

# 8.4 RATE REGULATIONS-(Continued)

8.4.3 Rate Element Description-(Continued)

## C. PORT CHARGES

- (CT) Port charges apply per port termination on the cross-connect system. There are three types of charges:
  - Channel port charge channel ports apply for termination of all eligible services other than MegaLink III - Wideband Digital Service/1.544 Mbps and Southwestern Bell DS3 Service/44.736 Mbps.
    - DS1 port charge MegaLink III Wideband Digital service/1.544 Mbps port termination.
    - DS3 port charge Southwestern Bell DS3 Service/44.736 Mbps port termination.

## D. RECONFIGURATION CHARGES

A reconfiguration charge applies per cross-connect and/or disconnect successfully completed in a DCS per request.

There are two types of reconfiguration charges:

- For individual reservation or demand requests performed by the customer, or for each segment of a model request performed by the customer or the Telephone Company.
- For individual reservation or demand requests performed by the Telephone Company at the customer's direction.

# 8.4.4 Application of Rates

- A. When NRS is used in conjunction with Private Line or Digital Link services, the applicable rate elements per circuit are as set forth in the applicable tariffs. For service between two NRS hub locations, appropriate mileage rate elements will apply based on the customer's desired capacity.
- B. Nonrecurring charges will be applied when existing channels must be reterminated to an NRS port.
- C. One NRS port charge applies per circuit at the NRS hub. In addition, one port charge applies for each end of an interoffice or interexchange channel between two NRS hubs.

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8.4 RATE REGULATIONS-(Continued)

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8.4.3 Rate Element Description-(Continued)

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- Channel port charge channel ports apply for termination of all eligible services other than MegaLink III - Wideband Digital Service/1.544 Mbps.
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- B. Nonrecurring charges will be applied when existing channels must be reterminated to an NRS port.
- C. One NRS port charge applies per circuit at the NRS hub. In addition, one port charge applies for each end of an interoffice or interexchange channel between two NRS ICHNICELED

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### NETWORK RECONFIGURATION SERVICE

### 8.5 RATES AND CHARGES

		<u>USOC</u>	Monthly . Rates .	Nonrecurring . Charges .
A.	Service Establishment - Per database setup	FN6DD	None	\$1,722.00
B.	Database Modification - Per request	FN6DC	None	80.00
C.	Port Charges - per port - Channel port - DS1 Port - DS3 Port	PT5 PT6 D3D	\$11.00 45.00 395.00	20.00 43.00 100.00
D.	Reconfiguration Charges			
	Per cross connect and/or disconnect			

Per cross connect and/or disconnect successfully completed per request.

- Individual reservation or demand requests performed by the customer, or each segment of a model request performed by the customer or the Telephone Company
- Individual reservation or demand requests performed by the Telephone Company at the customer's request.

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None

None

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### NETWORK RECONFIGURATION SERVICE

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### 8.5 RATES AND CHARGES

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		USOC	Monthly Rates Publi	M <b>rssour</b> aj <sup>ng</sup> c Se <del>rvice Commi</del> ssion
Α.	Service Establishment - Per database setup	FN6DD	None	\$ 1,722.00
В.	Database Modification - Per request	FN6DC	None	80.00
c.	Port Charges - per port - Channel port - DS1 Port	PT5 PT6	\$ 11.00 45.00	20.00 43.00
D.	Reconfiguration Charges .			
	Per cross connect and/or disconnect successfully completed per request.			
	<ul> <li>Individual reservation or demand requests performed by the customer, or each segment of a model request performed by the customer or the Telephone Company</li> </ul>		None	1.25
	<ul> <li>Individual reservation or demand requests performed by the Telephone Company</li> </ul>			
	at the customer's request.		None	8.00

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#### FRAME RELAY DIGITAL SERVICE

9.1 DESCRIPTION AND APPLICATION OF SERVICES

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- 9.1.1 Frame Relay is a transport service that facilitates the best service commission variable length information units (frames) between end user connections by way of assigned virtual connections. Based on ANSI (American National Standards Institute) and CCITT (Committee Consultate de International Telegraphique et Telephonique) standards for Frame Relay, each frame is passed to the Frame Relay network with an address that specifies the virtual connection.
- 9.1.2 Variable frame length capability is useful in communications between asynchronous Local Area Networks (LAN) and for transport of synchronous data traffic. Frame Relay is capable of handling the requirements of bursty data sources because of the ability of the service to allocate additional bandwidth when not in use by other sources.
- 9.1.3 This service is available to customers in Local Access and Transport Areas (LATAs) served by Southwestern Bell Telephone Company, herein referred to as SWBT.
- 9.1.4 Frame Relay is provided to the customer in the form of the Site Link and the Logical Link. The Site Link forms the local access component which provides the customer access to the customer's Serving Central Office, the interoffice transport within the PMA from the customer's Serving Central Office to the Frame Relay Office, and the termination of those facilities at the Frame Relay Office. The Logical Link consists of the primary addressing associated with the permanent virtual connection between any two Site Links.
- 9.1.5 SWBT does not undertake to originate data, but offers the use of its service components, where available, to customers for the purpose of transporting customer-originated data.

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By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations Southwestern Bell Telephone Company St. Louis, Missouri

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- 9.1.4 Frame Relay is provided to the customer in the form of the Site Link and the Logical Link. The Site Link forms the local access component which provides the customer access to the customer's Serving Central Office and a primary address associated specifically with that customer. The Logical Link consists of the Frame Relay network and the interoffice transport and facilities from the customer's Serving Central Office to the Frame Relay Office(s).
- 9.1.5 SWBT does not undertake to originate data, but offers the use of its service components, where available, to customers for the purpose of transporting customer-originated data.

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FRAME RELAY DIGITAL SERVICE

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### 9.2 REGULATIONS

- 9.2.1 The following rules and regulations are in addition to other rules and regulations as stated in this or other Telephone Company Cariffs Commission
- A. Provision of this service (or provision of any specific element associated with this tariff) is subject to the availability and operational limitations of the equipment and associated facilities.
- B. A variety of equipment and facilities may be used to provide this service. SWBT reserves the right to determine which shall be used and the right to modify and change such equipment at its option.
- C. No credit allowance will be made for interruptions due to the negligence and/or failure of equipment provided by customer or user. Furthermore, interruptions of service during any period in which SWBT is not afforded access to the premises at which this service is terminated will not receive a credit allowance.
- D. The minimum billing period for this service is one month. If service is discontinued after the first month, during a fractional part of a month, all appropriate charges will be based on the actual number of days the service is 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.
- E. This service requires the use of customer-provided equipment which must be compatible with SWBT's equipment and facilities and must conform to industry standards for Frame Relay and specifications provided in Southwestern Bell Telephone Company Technical Publication TP 76642.
- F. Frame Relay Service, when furnished at the same premises in combination with other Local Exchange Service, shall not be considered to be in conflict with rules of Paralleling Service contained in the Rules and Regulations of the General Exchange Tariff.
- G. 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 and the service is assumed exactly as provided to the previous customer. The new rustomer mast assume all the obligations of the previous customer.

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FRAME RELAY DIGITAL SERVICE

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9.2 REGULATIONS-(continued)

9.2.1 (Continued)

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Public Service Commission

H. SWBT 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. The customer will be notified immediately by SWBT, but such discontinuance of service will not be considered a service interruption for the purpose of credit allowance. Applicable charges will continue to accrue until service is disconnected at the customer's request.

### 9.3 SERVICE AVAILABILITY

- 9.3.1 Frame Relay is available within a Primary Market Area (PMA). The PMA will be defined as an exchange area suitably equipped to provide Frame Relay Service. Service outside the PMA (but within the same LATA) is made possible by the distance-sensitive Link Extension. One or more PMAs may be located within a LATA. Extended Area Service (EAS) does not apply nor is an Optional EAS arrangement available for this service.
- 9.3.2 A customer's premises or Serving Central Office need not be in the PMA to subscribe to Frame Relay Service. If the customer is served by an office outside the PMA (but within the same LATA), the customer will be required to subscribe to a Link Extension which will include distance-sensitive charges based on the airline mileage (V-H) from the customer's Serving Central Office to the closest Central Office that is within the PMA.
- 9.3.3 When the customer requires the modification of standard service components not otherwise provided in this tariff, the modification can be furnished by SWBT subject to additional regulations, rates and charges as specified for Special Service Arrangements in the Rules and Regulations Applying To All Customer's Contracts section of the General Exchange Tariff.
- 9.3.4 Special Construction will be provided under the regulations, rates and charges as set forth in Section 5 of the General Exchange Tariff.

  Special Construction is construction undertaken by SWBT where facilities are not available and there is no other requirement for the facilities constructed; of a type facility other than that normally used for this constructs; of a type facility other than that normally used for this ervice; over a route other than that which would normally be used; in a construct for the needs of this service; on a temporary basis until permanent facilities are completed; involving abnormal costs or in advance of normal construction on an expedited basis.

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FRAME RELAY DIGITAL SERVICE

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9.3 SERVICE AVAILABILITY-(Continued)

9.3.5 This service is guaranteed under the terms of this subsection to provide an average performance of at least 99.0 percent error-free seconds up to the demarcation point (network interface) of the channel for operation at all transmission speeds offered by this tariff. When Frame Relay Service is operating at an error performance level that is unsatisfactory to the customer, and SWBT determines that the error performance level is below that specified above, the period of substandard performance will be considered as an interruption. Any credit allowance shall be based on the time of notice by the customer or user to SWBT that an unsatisfactory performance level has occurred, provided that the customer promptly releases the service as requested by SWBT to perform testing and maintenance.

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Replacing 1st Revised Sheet 5

FRAME RELAY DIGITAL SERVICE

9.4 LIMITATIONS

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  9.4.1 Logical Links must be associated with at least one Site Link. A customer must subscribe to at least one Site Link to subscribe to a Logical Link.
- 9.4.2 A Site Link can be associated with any number of Logical Links. Since all Logical Links need not be in use at the same time, it is possible for the total bandwidth of all Logical Links associated with one Site Link to exceed the bandwidth of that Site Link. Such a relationship is referred to as over-subscription and when this occurs, there can be no guarantee that the bandwidth defined for that Logical Link will be available at any point in time.
- 9.4.3 The Logical Link must be ordered at the bit rate equal to the lowest (AT) bit rate of the two associated Site Links. The bit rate of the Inter-PMA Additive must be the same as its associated Logical Link.
  - 9.4.4 A customer subscribing to a Site Link will be referred to as the Controller of the Site Link. A customer subscribing to a Logical Link need not be the Controller of either Site Link but must have the permission of both Controllers in order to establish a Logical Link between two Site Links.
  - 9.4.5 Site Links and Logical Links are ordered and billed independently and can have different customers as Controllers. A request by one customer to disconnect one component does not result in the disconnection of associated components. Only the Controller of a Site Link may authorize a disconnect of that Site Link.
- (AT) 9.4.6 Logical Links will be provisioned with customer selected Committed Information Rates (CIR). The CIR is the bit rate at which the network commits to transfer data under normal conditions. The customer will indicate a CIR preference at the time the Logical Link is ordered. The CIR cannot exceed the bit rate of the Logical Link. Logical Links purchased prior to the effective date of this tariff sheet will have the CIR set equal to the bit rate of the Logical Link. The customer will be allowed to change the CIR of these Logical Links without incurring a charge.
  - 9.4.7 When multiple Logical Links are associated with one Site Link, the sum of the CIRS on those Logical Links cannot exceed three times the bit rate of the Site Link. This condition is referred to as oversubscription and when oversubscription occurs, there can be no guarantee that the bandwidth defined for any of those Logical Links will be available.

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### FRAME RELAY DIGITAL SERVICE

9.4 LIMITATIONS

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- (CT) 9.4.3 The Logical Link must be ordered at the bit rate equal to the lowest (CT) bit rate of the two associated Site Links.
  - 9.4.4 A customer subscribing to a Site Link will be referred to as the Controller of the Site Link. A customer subscribing to a Logical Link need not be the Controller of either Site Link but must have the permission of both Controllers in order to establish a Logical Link between two Site Links.
  - 9.4.5 Site Links and Logical Links are ordered and billed independently and can have different customers as Controllers. A request by one customer to disconnect one component does not result in the disconnection of associated components. Only the Controller of a Site Link may authorize a disconnect of that Site Link.

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9.4 LIMITATIONS

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- 9.4.1 Logical Links must be associated with at least one Site Link. A customer must subscribe to at least one Site Link to subscribe to at least one Site Link.

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- 9.4.2 A Site Link can be associated with any number of Logical Links. Since all Logical Links need not be in use at the same time, it is possible for the total bandwidth of all Logical Links associated with one Site Link to exceed the bandwidth of that Site Link. Such a relationship is referred to as over-subscription and when this occurs, there can be no guarantee that the bandwidth defined for that Logical Link will be available at any point in time.
- 9.4.3 No Logical Link can have a greater bit rate than the bit rate of either of the associated Site Links (or any associated Special Access Links).
- 9.4.4 A customer subscribing to a Site Link will be referred to as the Controller of the Site Link. A customer subscribing to a Logical Link need not be the Controller of either Site Link but must have the permission of both Controllers in order to establish a Logical Link between two Site Links.
- 9.4.5 Site Links and Logical Links are ordered and billed independently and can have different customers as Controllers. A request by one customer to disconnect one component does not result in the disconnection of associated components. Only the Controller of a Site Link may authorize a disconnect of that Site Link.

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FRAME RELAY DIGITAL SERVICE

9.5 RESPONSIBILITY OF THE CUSTOMER

JUL 17 1992

Where Frame Relay Service is available for use in connection with communications systems or equipment provided by a customereoriouser menession operating characteristics of such systems or equipment shall be such as not to interfere with any services offered by SWBT. Such use is subject to the further provisions that the equipment provided by the customer or user does not endanger the safety of SWBT employees or the public; damage, harm, require change in or alteration of the equipment or other services of SWBT; interfere with the proper operation of SWBT's equipment or otherwise injure the public in its use of SWBT services. Upon notice from SWBT that the equipment provided by customer or user in causing, or is likely to cause, such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.

- 9.5.2 The customer, upon request, shall furnish such information as may be required to permit SWBT to design and maintain the Frame Relay service it offers and to assure that the service arrangement is in compliance with the regulations contained herein.
- 9.5.3 It shall be the responsibility of the customer to ensure the continuing compatibility of the customer-provided equipment that is used in conjunction with the Frame Relay Service.
- 9.5.4 Registration Program Effective June 30, 1987, the Federal Communications Commission's Part 68 Rules and Regulations were amended to require registration of customer-provided equipment that directly connected to subrate and 1.544 Mbps digital services after that date. The equipment or system must also comply with the requirements of the Technical Reference Publication 62411.
- 9.5.5 The customer shall be responsible for obtaining permission for Telephone 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 SWBT.
- 9.5.6 The customer shall be responsible for the payment of a nonrecurring Customer Owned Equipment Trouble Isolation Charge as found in the Restoration of Service section of the General Exchange Tariff 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.

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#### FRAME RELAY DIGITAL SERVICE

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9.6 RESPONSIBILITY OF SWBT

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- 9.6.1 The responsibility of SWBT shall be limited to furnishtibic Service Commission equipment suitable for frame Relay service and to the maintenance and operation of such equipment in a manner proper for such service. Subject to this responsibility, SWBT shall not be responsible for the through transmission of signals generated by the customer-provided equipment or system, or for the quality of, or defects in, such transmission or the reception of signals by such equipment or systems.
- 9.6.2 SWBT shall not be responsible for installation, operation or maintenance of any terminal equipment, data unit or communications system provided by a customer or user. SWBT is not responsible for adapting Frame Relay service to the technological requirements of any specific customer equipment.
- 9.6.3 When a customer orders a Logical Link which is relayed to other Local (RT) Exchange Carriers or other Frame Relay networks, SWBT will provide advisory assistance as a part of the establishment of this Logical Link.
  - 9.6.4 SWBT shall not be responsible to the customer or user if changes in any of the equipment, operations or procedures of SWBT used in the provision of Frame Relay Service render any facilities provided by the customer or user obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance, provided SWBT has met any applicable information disclosure requirements otherwise required by law.
  - 9.6.5 SWBT undertakes the responsibility to maintain and repair the service which it furnishes. Network equipment installed by SWBT on the customer's premises shall be and remain the property of SWBT. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interface with any network equipment installed by SWBT without prior written consent by SWBT.
  - 9.6.6 SWBT, by written notice to the customer, may immediately discontinue the furnishing of Frame Relay service without incurring liability upon nonpayment of any sum due to SWBT or a violation of any condition governing the furnishing of service.

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FRAME RELAY DIGITAL SERVICE

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9.6 RESPONSIBILITY OF SWBT

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- 9.6.1 The responsibility of SWBT shall be limited to furnishing neglection equipment suitable for Frame Relay service and to the main tenance end operation of such equipment in a manner proper for such service. Subject to this responsibility, SWBT shall not be responsible for the through transmission of signals generated by the customer-provided equipment or system, or for the quality of, or defects in, such transmission or the reception of signals by such equipment or systems.
- 9.6.2 SWBT shall not be responsible for installation, operation or maintenance of any terminal equipment, data unit or communications system provided by a customer or user. SWBT is not responsible for adapting Frame Relay service to the technological requirements of any specific customer equipment.
- 9.6.3 When a customer orders a Logical Link which is relayed to other Local Exchange Carriers, Interexchange Carriers or other Frame Relay networks, SWBT will provide advisory assistance as a part of the establishment of this Logical Link.
- 9.6.4 SWBT shall not be responsible to the customer or user if changes in any of the equipment, operations or procedures of SWBT used in the provision of Frame Relay Service render any facilities provided by the customer or user obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance, provided SWBT has met any applicable information disclosure requirements otherwise required by law.
- 9.6.5 SWBT undertakes the responsibility to maintain and repair the service which it furnishes. Network equipment installed by SWBT on the customer's premises shall be and remain the property of SWBT. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interface with any network equipment installed by SWBT without prior written consent by SWBT.
- 9.6.6 SWBT, by written notice to the customer, may immediately discontinue the furnishing of Frame Relay service without incurring liability upon nonpayment of any sum due to SWBT or a violation any condition governing the furnishing of service.

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#### FRAME RELAY DIGITAL SERVICE

9.6 RESPONSIBILITY OF SWBT-(Continued)

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9.6.7 SWBT has the service responsibility up to and including the Hit 1992 interface. The network interface will be provided by SWBT as set forth in Technical Reference PUB 62411.

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9.6.8 The placement of the network interface shall be located in Sermine Commission consistent with the federal and state regulatory requirements, as set forth in the definition of Demarcation Point in Section 2, Paragraph 2.1, preceding.

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#### FRAME RELAY DIGITAL SERVICE

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#### 9.7 APPLICATION OF CHARGES

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- 9.7.1 Rates and charges for the Site Link will include a recurring monthly charge and a nonrecurring service charge and are based on the available transmission speeds (bit rates). The Site Link is available in three bit rates, 56 Kbps, 384 Kbps and 1.536 Mbps.
- 9.7.2 The Rates and Charges for the Logical Link will include a recurring monthly charge and a nonrecurring service charge and are also based on transmission speeds and will be available in a variety of bit rates.
- 9.7.3 A Link Extension will consist of a flat rate monthly charge and a monthly distance-sensitive charge. These charges are in addition to the monthly charge for the associated Site Link.
- 9.7.4 A Nonrecurring Service Charge will be assessed with each customerrequested change in the transmission speed of the Site Link or Logical Link; or for a new Site Link or Logical Link at the new speed; or for a change in the Committed Information Rate (CIR) of a Logical Link.
  - 9.7.5 The application of Nonrecurring Service Charges as found in Section 9, Paragraph 9.8 of this tariff are as follows:

First Unit - Applies to the first unit per customer request, per due date, per customer premises, per PMA.

Additional Unit - Applies to the additional unit(s) on the same customer request as the initial unit, same due date, same customer premises and same PMA.

9.7.6 Rate Application for the 816 LATA:

The Kansas City PMA consists of two state jurisdictions, Kansas and Missouri. In the event of a customer connecting sites from both jurisdictions, special rules apply.

The Site Link will be ordered from the tariff of the state in which the Serving Central Office associated with the Site link is located.

ink Extensions cannot cross state jurisdictional boundaries (i.e., the Serving Central Office of the Site Link and the nearest Central office office of the Site Link and the nearest Central office

A Logical link which is defined for Site Links in two jurisdictions will be assessed one-half of the Kansas Logical Link rate and one-half of the 🗖 Missouri Logical link rate (USOC Codes LCN58, LCN68 and LCN88 to be used ' for this application). This applies to nonrecurring charges as well as monthly rates.

Effective: JAN 2 0 1995 y HORACE WILKINS, JR., President-Missouri

Southwestern Bell Telephone St. Louis, Missouri

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#### FRAME RELAY DIGITAL SERVICE

#### 9.7 APPLICATION OF CHARGES

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- 9.7.1 Rates and charges for the Site Link will include a recurring MISSOURI charge and a nonrecurring service charge and are basefublic Service Commission transmission speeds (bit rates). The Site Link is available in three bit rates, 56 Kbps, 384 Kbps and 1.536 Mbps.
- The Rates and Charges for the Logical Link will include a recurring monthly charge and a nonrecurring service charge and are also based on transmission speeds and will be available in a variety of bit rates.
- 9.7.3 A Link Extension will consist of a flat rate monthly charge and a monthly distance-sensitive charge. These charges are in addition to the monthly charge for the associated Site Link.
- 9.7.4 A Nonrecurring Service Charge will be assessed with each customerrequested change in the transmission speed of the Site Link or Logical Link or for a new Site Link or Logical Link at the new speed.
- The application of Nonrecurring Service Charges as found in Section 9, Paragraph 9.8 of this tariff are as follows:

First Unit - Applies to the first unit per customer request, per due date, per customer premises, per PMA.

Additional Unit - Applies to the additional unit(s) on the same request as the initial unit, same due date, same customer premises and same PMA.

9.7.6 Rate Application for the 816 LATA:

The Kansas City PMA consists of two state jurisdictions, Ransas and Missouri. In the event of a customer of a cust

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Missouri. In the event of a customer connecting sites will a Sovice Commission in invisdictions, special rules apply.

MISSOURI jurisdictions, special rules apply. The Site Link will be ordered from the tariff of the state in which the

Serving Central Office associated with the Site link is located.

Link Extensions cannot cross state jurisdictional boundaries (i.e., the serving Central Office of the Site Link and the nearest Central office inside the PMA must both be in the same state jurisdiction).

A Logical link which is defined for Site Links in two jurisdictionsbe assessed one-half of the Kansas Logical Link rate and one the Missouri Logical link rate (USOC Codes LCN58, LCN68 and LCN88 to be the for this application). This applies to nonrecurring charges as well as monthly rates. DEC - 9 1993

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Digital Link Service Tariff Section 9 Original Sheet 9

#### FRAME RELAY DIGITAL SERVICE

### 9.7 APPLICATION OF CHARGES

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- 9.7.2 The Rates and Charges for the Logical Link will include a recurring monthly charge and a nonrecurring service charge and are also based on transmission speeds and will be available in a variety of bit rates.
- 9.7.3 A Link Extension will consist of a flat rate monthly charge and a monthly distance-sensitive charge. These charges are in addition to the monthly charge for the associated Site Link.
- 9.7.4 A Nonrecurring Service Charge will be assessed with each customerrequested change in the transmission speed of the Site Link or Logical Link or for a new Site Link or Logical Link at the new speed.
- 9.7.5 The application of Nonrecurring Service Charges as found in Section 9, Paragraph 9.8 of this tariff are as follows:

First Unit - Applies to the first unit per customer request, per due date, per PMA. CANCELLED

Additional Unit - Applies to the additional unit(s) on the same customer request as the initial unit, same due date, and same PMA. DEC 91993

9.7.6 Rate Application for the 816 LATA:

BY 101-R-S. #9 The Kansas City PMA consists of two state jurisdictions Publics Service Commission Missouri. In the event of a customer connecting sites from both SSOURI jurisdictions, special rules apply.

The Site Link will be ordered from the tariff of the state in which the Serving Central Office associated with the Site link is located.

Link Extensions cannot cross state jurisdictional boundaries (i.e., the serving Central Office of the Site Link and the nearest Central office inside the PMA must both be in the same state jurisdiction).

A Logical link which is defined for Site Links in two jurisdictions will be assessed one-half of the Kansas Logical Link rate and one-half of the Missouri Logical link rate (USOC Codes LCN58, LCN68 and LCN88 to be used for this application). This applies to nonrecurring charges as well as monthly rates.

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### 9.8 RATES AND CHARGES

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9.8.1 Site Links V

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			No	Public precurring	Service Charges
	us	SOC	Monthly Rates	First Unit	Additional Unit
(CT)	56 Kbps (UNI) L	.0K5X	\$164.25(CR)	\$324.00	\$249.00
(CT)	384 Kbps (UNI) L	OK6X	292.50	570.00	368.00
(CT)	1.536 Mbps (UNI)(1)(3) L	OK8X	572.50	570.00	368.00
(AT)	1.536 Mbps (NNI)(1)(3) L	OKNX	572.50	570.00	368.00

### 9.8.2 Link Extensions(2)

	usoc	Monthly Rates	Monthly Charge/Mile	<b>ED</b> 90 ö missi
56 Kbps	FCE5X	\$ 50.00	\$ .85	ELLI 8 20 Com Com
384 Kbps	. FCE6X	53.00	18.50	<u>ರ</u> ರ್_್ಯಾಂ
1.536 Mbps(1)	. FCE8X	53.00	18.50	CANC MAR Servic MISS
				B S S S S S S S S S S S S S S S S S S S
				Put

(1) Network capabilities in some locations may be initially limited to providing maximum of-1.344 Mbps.

(2) A Link Extension is assessed both the Monthly Base Rate and the Monthly Charge per mile which is calculated using the distance from the Customer's Serving Central Office to the nearest Central Office that is located within the PMA. These charges are in addition to the monthly charge for the associated Site Link. The Link Extension must be associated with and ordered at the same time as the Site Link.

(AT) (3) The 1.536 Mbps Site Link is the same facility regardless of whether NNI or UNI protocols are selected. The protocols differ only in the way the customer's equipment interconnects to the network.

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### FRAME RELAY DIGITAL SERVICE

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9.8 RATES AND CHARGES

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9.8.1 Site Links

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	usoc	Monthly Rates	Nonrecurring First Unit	Service Charges Additional Unit
56 Kbps	LOK5X	\$167.00(CR	\$324.00	\$249.00
384 Kbps	LOK6X	292.50(CR	570.00	368.00
1.536 Mbps(1)	TOK8X	572.50(CR	) 570.00	368.00

### 9.8.2 Link Extensions(2)

	USOC	Monthly Rates	Monthly Charge/Mile
56 Kbps	FCE5X	\$ 50.00	\$ .85(CR)
384 Kbps	FCE6X	53.00(CR)	18.50(CR)
1.536 Mbps(1)	. FCE8X	53.00(CR)	18.50(CR)

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Network capabilities in some locations may be initially limited to providing a maximum of 1.344 Mbps.

A Link Extension is assessed both the Monthly Base Rate and the Monthly Charge per mile which is calculated using the distance from the Customer's Serving Central Office to the nearest Central Office that is located within the These charges are in addition to the monthly charge for the associated Link. The Link Extension must be associated with and ordered at the same time as the Site Link.

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9.8 RATES AND CHARGES

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9.8.1 Site Links

Site billes	<u>usoc</u>	Monthly Rates	Nonrecurring First Unit	MISSOURI  Sarvic Schuce Sommission Additional  Unit	. ;
56 Kbps	LOK5X	\$170.00	\$324.00	\$249.00	
384 Kbps	LOK6X	295.00	570.00	368.00	
1.536 Mbps(1)	LOK8X	850.00	570.00	368.00	

### 9.8.2 Link Extensions(2)

	<u>usoc</u>	Monthly Rates	Monthly Charge/Mile	CANCELLED
56 Kbps	FCE5X	\$ 50.00	\$ .96	DEC 0.4000
384 Kbps	FCE6X	65.00	28.00	DEC 91993
1.536 Mbps(1)	FCE8X	65.00	28.00 Pul	BY 101-R.S. 10 olic Service Commission MISSOURI

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- (1) Network capabilities in some locations may be initially limited to providing a maximum of 1.344 Mbps.
- A Link Extension is assessed both the Monthly Base Rate and the Monthly Charge per mile which is calculated using the distance from the Customer's Serving Central Office to the nearest Central Office that is located within the PMA. These charges are in addition to the monthly charge for the associated Site Link. The Link Extension must be associated with and ordered at the same time as the Site Link.

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### FRAME RELAY DIGITAL SERVICE

9.8	RATES	AND	CHARGES-	(Continued)
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### 9.8.3 Network Links(1)

Service Committeion

USOC	Monthly Rates	Month <b>Tublic</b> Charge/Mile
56 Kbps NLZ5	\$ 60.00	\$ .75(CR)
384 Kbps NLZ6	245.00	17.70(CR)
1.536 Mbps(1)(2) NLZ82	585.00	17.70(CR)

9.8.4 Logical Links

	USOC	Monthly Rates	Nonrecurring First Unit	Additional Unit
56 Kbps	LCN5X	\$ 8.00	\$162.00	\$125.00
384 Kbps	LCN6X	20.00	162.00	125.00
1.536 Mbps(1)(2)	LCN8X	50.00	162.00	125.00

9.8.5 Inter-PMA Additive per Logical Link(3)

	per nogical bink(3)	•	CANCELLED
	USOC	Monthly Rates	MAR 0 8 2000
	56 Kbps 10XQX	\$12.00	312 RSII
	384 Kbps 10XRX	32.00	Public Service Commission MISSOURI
(AT)	1.536 Mbps(2) 10XSX	130.00	

(1) A Network Link is assessed both the Monthly Base Rate and the Monthly Charge per Mile which is calculated using the distance from the two closest offices in the two PMAs being connected. A Network Link must be associated with and ordered at the same time as one or more Logical Links.

Network capabilities in some locations may be initially limited to providing a maximum of 1.344 Mbps.

The Inter-PMA Additive is applied to each Logical Link that defines a path (AT) (3) between two PMAs within a LATA but is not associated with a Network Link. (AT) This additive is an alternative to purchasing a Network Link.

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#### FRAME RELAY DIGITAL SERVICE

9.8 RATES AND CHARGES-(Continued)

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9.8.3 Network Links(1)

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	<u>usoc</u>	Monthly Rates	Monthly Charge/Mile
56 Kbps	NLZ5X	\$ 60.00	\$ .85(CR)
384 Kbps	NLZ6X	245.00(CR)	18.50(CR)
1.536 Mbps(1)(2)	NLZ8X	585.00(CR)	18.50(CR)

#### 9.8.4 Logical Links

	<u>USOC</u>	Monthly Rates	Nonrecurring First Unit	Service Charges Additional Unit
56 Kbps	LCN5X	\$ 8.00(CI	R) \$162.00	\$125.00
384 Kbps	LCN6X	20.00(0	R) 162.00	125.00
1.536 Mbps(1)(2)	LCN8X	50.00(C	R) 162.00	125.00

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(1) A Network Link is assessed both the Monthly Base Rate and the Monthly Charge per Mile which is calculated using the distance from the two closest offices in the two PMAs being connected. A Network Link must be associated ordered at the same time as one or more Logical Links.

Network capabilities in some locations may be initially limited to maximum of 1.344 Mbps.

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#### FRAME RELAY DIGITAL SERVICE

#### 9.8 RATES AND CHARGES-(Continued)

#### 9.8.3 Network Links(1)

			Monthly	Monthly	RECEIVED
		USOC	Rates	Charge/Mile	JUL 17 1992
56 Kbps		NLZ5X	\$ 60.00	\$.96	MISSOURI
384 Kbps		NLZ6X	300.00	28.00Publ	ic Service Commission
1.536 Mb	ps(1)(2)	NLZ8X	990.00	28.00	

#### 9.8.4 Logical Links

USOC	Monthly Rates	Nonrecurring First Unit	Service Charges Additional Unit
56 Kbps LCN5X	\$ 45.00	\$162.00	\$125.00
384 Kbps LCN6X	60.00	162.00	125.00
1.536 Mbps(1)(2) LCN8X	160.00 CANCELL	162.00 ED	125.00

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(1) A Network Link is assessed both the Monthly Base Rate and the Monthly Charge per Mile which is calculated using the distance from the two closest offices in the two PMAs being connected. A Network Link must be associated with and ordered at the same time as one or more Logical Links.

(2) Network capabilities in some locations may be initially limited to providing a maximum of 1.344 Mbps.

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#### FRAME RELAY DIGITAL SERVICE

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9.9 TERM PRICING PLAN

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9.9.1 General

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- A. Frame Relay Service Term Pricing Plan (FRS-TPP) provides the customer with rate stabilization and discounted tariff rates. The FRS-TPP provides for either a three year or five year service period (Initial Service Period) for rate stabilization.
- B. FRS-TPP monthly rates will be exempt from Telephone Company initiated rate increases throughout the selected service period. Should the Telephone Company increase its rates during the FRS-TPP period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under FRS-TPP.
- C. Decreases in FRS-TPP monthly recurring tariff rates will be passed on to customers who participate in a FRS-TPP.
- 9.9.2 Services Available Under FRS-TPP
- A. A customer may elect to participate in FRS-TPP for the following rate elements:

- Site Link

- Logical Link

- Link Extension (Fixed and Per Mile)

- Network Link (Fixed and Per Mile)

- Inter-PMA Additive

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9.9.3 Terms and Conditions

A. The customer must specify the length of the Initial Service Period at the time the service is ordered.

- B. Link Extensions must have the same FRS-TPP service period as the associated Site Link.
- C. Inter-PMA Additive charges must have the same FRS-TPP service period as the associated Logical Link.
- D. FRS rate elements may be ordered under monthly or any FRS-TPP service period rates. For example, the customer may select a Site Link at the three year service rate plan and the Logical Links under the monthly rate.

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9.9 TERM PRICING PLAN-(Continued)

9.9.4 Changes to Pricing Plans

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- A. At any time, the customer may request existing FRS provided on a monthly rate basis to be converted to a FRS-TPP.
- B. Prior to the expiration of the Initial Service Period or Extended Service Period, as described in 9.9.5 (Renewal), the customer may convert existing FRS-TPP services to a new FRS-TPP Initial Service Period without incurring termination charges provided the new Initial Service Period is equal to or greater than the original Initial Service Period.

Example: A customer with an existing 56 Kbps three year FRS-TPP could convert to a new 56 Kbps three year or five year FRS-TPP at any time without incurring termination charges.

Example: A customer with an existing 56 Kbps five year FRS-TPP requests to convert to a 56 Kbps three year FRS-TPP. This request would be treated as a discontinuance of the existing five year FRS-TPP and termination charges would apply.

C. If a customer requests existing FRS-TPP service to be converted to a monthly rate basis at any time prior to the expiration of the Initial Service Period or Extended Service Period, the request will be treated as a discontinuance of service and termination charges will apply.

#### 9.9.5 Renewal

- A. The customer may elect to renew the FRS-TPP Initial Service Period for one additional 12 month service period (Extended Service Period) at the rates under the original FRS-TPP Initial Service Period.
- B. The customer must provide the Telephone Company with a written notice of intent to renew an existing FRS-TPP Initial Period no later than 90 days prior to the expiration of the Initial Service Period.
- C. If the customer elects not to renew the FRS-TPP or does not notify the Telephone Company of its intent to renew, the customer's service will automatically be billed under the tariffed monthly rates in effect at the time the FRS-TPP In CANCELLED Period expires.

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FRAME RELAY DIGITAL SERVICE

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9.9 TERM PRICING PLAN-(Continued)

9.9.5 Renewal-(Continued)

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Public Service Commission

- D. At the end of an Extended Service Period, the customer's service will automatically be billed under the tariffed monthly rates in effect at the time the Extended Service Period expires unless the customer negotiates a new FRS-TPP Initial Service Period or terminates service.
- 9.9.6 Upgrade in Service
- A. A customer may upgrade FRS-TPP service to a higher FRS transmission speed (e.g. 56 Kbps FRS to 384 Kbps or 1.536 Mbps FRS; or 384 Kbps FRS to 1.536 Mbps FRS); or other Telephone Company services of equal or greater transmission speed (e.g. 56 Kbps FRS to 56 Kbps MegaLink II Service or 384 Kbps/1.536 Mbps FRS to 1.544 Mbps MegaLink III Service) without incurring termination charges provided all of the following conditions are met:
  - the new service is provided solely by the Telephone Company,
  - the new service is provided to the same customer location as the discontinued service. For Logical Links, the service must be provided between the same two locations,
  - the customer's request for disconnection of the existing service and the request for new service are received at the same time,
  - for FRS at a greater transmission speed, the new service must establish a new FRS-TPP Initial Service Period effective on the service date, and
  - for other Telephone Company services at equal or greater transmission speed, the total monthly rate of the new service is equal to or greater than the total monthly rate of the existing service being discontinued.
- B. In the event an order to upgrade service does not meet one or more of the conditions above, it will be treated as a discontinuance of the existing service and the establishment of a new service. All termination charges will apply.
- C. The monthly rates for the new services will be those in effect at the time the service is changed. All nonrecurring charges associated with service installation will apply to the new service.

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### 9.9 TERM PRICING PLAN-(Continued)

#### 9.9.7 Moves to New Location

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- A. A customer with an existing FRS-TPP service may move the existing service to a new location, or move and upgrade to a greater transmission speed FRS, or move and change the FRS to another Telephone Company service of equal or greater transmission speed without incurring termination charges provided all of the following conditions are met:
  - the new service is provided solely by the Telephone Company,
  - the new location is within the same LATA and served by the same FRS Primary Market Area (PMA),
  - the customer's request for disconnection of the existing and the request for new service are received at the same time,
  - the due date of the new connect order must be within 30 days of the due date of the disconnect order,
  - the new service has a transmission speed equal to or greater than the transmission speed of the service being disconnected,
  - for Logical Links, the move must be associated with the move of one or more associated Site Links.
  - for FRS at the same transmission speed, the new service maintains the existing Initial Service Period at the new location or establishes a new Initial Service Period equal to or greater than the original Initial Service Period at the old location,
  - for FRS at a greater transmission speed, the new service establishes a new FRS Term Pricing Plan Initial Service Period effective on the service date.
  - for other Telephone Company services of equal or greater transmission speed, the total monthly rate of the new service is equal to or greater than the total monthly rate of the existing service being discontinued.

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9.9 TERM PRICING PLAN-(Continued)

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9.9.7 Moves to New Location-(Continued)

Public Sarvice Commission

- B. In the event an order to move service provided under FRS-TPP does not meet one or more of the conditions above, it will be treated as a discontinuance of the existing service and the establishment of a new service. All termination charges will apply.
- C. Except as noted above, the monthly rates for the new service will be those in effect at the time the service is changed. All nonrecurring charges associated with the establishment of the new service will apply.
- 9.10 TERM PRICING PLAN RATE APPLICATIONS
- 9.10.1 Nonrecurring Charges
  - A. The nonrecurring charges as described in 9.7.4 and 9.7.5 will apply for new services ordered under FRS-TPP.
  - B. If the customer chooses to convert existing Frame Relay Service provided on a monthly rate basis to a FRS-TPP, no nonrecurring charges will apply.
- C. If the customer chooses to convert an existing service provided on a FRS-TPP to a monthly rate basis or another FRS-TPP, no nonrecurring charges will apply. However, FRS-TPP termination charges may also apply.
- 9.10.2 Termination Charges
- A. Customers requesting to discontinue services provided under a FRS-TPP, prior to the expiration of the Initial Service Period, will incur termination charges as follows:

FRS-TPP Service	Initial Period	Termination Percentage
	•	
3 Years		50%
5 Years		50%

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9.10 TERM PRICING PLAN - RATE APPLICATIONS-(Continued)

9.10.2 Termination Charges-(Continued)

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B. The termination charge for an Initial Service Period will be calculated as follows:

(Billed Months ) Termination (monthly x remaining in ) x percentage (rate service period)

Example: A customer with a \$1,000 FRS-TPP monthly rate terminates service with 5 months remaining in a 3-year service period. The termination charge would be calculated as follows:

 $(\$1,000 \times 5) \times .50 = \$2,500$ 

In the event service is discontinued prior to the expiration of an Extended Service Period, termination charges will apply.

C. The termination charge for an Extended Service Period will be calculated as follows:

Number of months (Current FRS-TPP)
used of Extended x (Monthly - Monthly)
Service Period (Rate Rate)

Example: A customer with a \$1,000 FRS-TPP monthly rate extends the FRS-TPP for an additional 12 months, then terminates service at the end of the 4th month of the Extended Service Period. The current monthly tariffed rate is \$1,200. The termination charge will be calculated as follows:

 $4 \times (\$1,200 - \$1,000) = \$800$ 

- D. No Termination Charges will apply after the Initial Service Period or Extended Service Period has elapsed.
- E. If Special Construction was applied to the service being terminated, any Termination Charges associated with the Special Construction will also apply.

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#### FRAME RELAY DIGITAL SERVICE

#### 9.11 TERM PRICING PLAN - RATES AND CHARGES

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9.11.1	Site Links			AMSSQ TU P <b>ŭblic Savi</b> o ali gali
		usoc	3 Year Rate Per Month	5 Year
	56 Kbps 384 Kbps 1.536 Mbps(1)(3)(UNI) 1.536 Mbps(1)(3)(NNI)		\$140.25 251.40 513.40 513.40	\$134.39 235.65 482.65 482.65
9.11.2	Link Extensions(2)			
	Fixed			
	56 Kbps 384 Kbps 1.536 Mbps(1)	FCE5X FCE6X FCE8X	\$ 50.00 47.75 47.75	\$ 47.50 44.90 44.90
	Per Mile			
	56 Kbps 384 Kbps 1.536 Mbps(1)	FCE5X FCE6X FCE8X	\$ 0.75 16.30 16.30	\$ 0.71 15.30 15.30
9.11.3	Network Links(4)			
	Fixed			
	56 Kbps 384 Kbps 1.536 Mbps(1)	NLZ5X NLZ6X NLZ8X	\$ 51.00 225.00 575.00	\$ 48.00 210.00 565.00
	Per Mile			
	56 Kbps 384 Kbps 1.536 Mbps(1)	NLZ5X NLZ6X NLZ8X	\$ 0.75 16.30 16.30	\$ 0.71 15.30 15.30

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See Sheet 19 for Footnotes

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9.11 TERM PRICING PLAN - RATES AND CHARGES-(Continued)

		USOC	3 Year Rate Per Month	Pisbreafarvio
9.11.4	Logical Links			
	56 Kbps 384 Kbps 1.536 Mbps(1)	LCN5X LCN6X LCN8X	\$ 6.00 16.00 48.00	\$ 4.00 14.00 46.00
	Inter-PMA Additive, per Logical Link(5)		·	
	56 Kbps 384 Kbps 1.536 Mbps(1)	10XQX 10XRX 10XSX	\$ 10.00 31.00 118.00	\$ 8.00 29.00 113.00

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(1) Network capabilities in some locations may be initially limited to providing a maximum of 1.344 Mbps.

(2) A Link Extension is assessed both the Monthly Base Rate and the Monthly Charge per mile which is calculated using the distance from the Customer's Serving Central Office to the nearest Central Office that is located within the PMA. These charges are in addition to the monthly charge for the associated Site Link. The Link Extension must be associated with and ordered at the same time as the Site Link.

(3) The 1.536 Mbps Site Link is the same facility regardless of whether NNI or UNI protocols are selected. The protocols differ only in the way the customer's equipment interconnects to the network.

(4) A Network Link is assessed both the Monthly Base Rate and the Monthly Charge per Mile which is calculated using the distance from the two closest offices in the two PMAs being connected. A Network Link must be associated with and ordered at the same time as one or more Logical Links.

(5) The Inter-PMA Additive is applied to each Logical Link that defines a path between two PMAs within a LATA but is not associated with a Network Link.

This additive is an alternative to purchasing a Network Link

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Digital Link Services Tariff Section 10 Original Sheet 1

#### **DOVLINK**

#### 10.1 DESCRIPTION AND APPLICATION OF SERVICE

#### 10.1.1

- A. DovLink allows simultaneous transport of digital data and analog voice services on a point-to-point basis, and provides a common method of access to dedicated, multiplexed, or packet switched service offerings. This is accomplished via a transparent digital transmission path operating at up to 2.4, 4.8 or 9.6 kbps on a customer's local exchange two-wire loop. DovLink is provided only between the customer premises and the local serving central office. The voice channel will normally be connected to the subscriber line side of the central office switch while the derived data channel may be connected to a variety of tariffed digital data service offerings including other DovLink data channels.
- B. This service is available to customers in those LATAs served by and within the service territories of Southwestern Bell Telephone Company only, herein referred to as the Telephone Company. DovLink is available to interexchange carriers only for their administrative use. DovLink is not offered for resale.

#### 10.1.2 Regulations

The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this Tariff.

#### 10.1.3 Provision of Service

- A. DovLink is available on a point-to-point intraLATA basis. DovLink is capable of transporting data rates of 2.4, 4.8 or 9.6 kbps.
- B. DovLink is furnished on a full-time basis (24 hours a day, 7 days a week).
- C. DovLink will be provided when technically feasible utilizing the customer's existing local exchange service two-wire loop. The existing loop must meet certain technical requirements in order to be utilized. The interface specification for Data Over Voice (DOV) is contained in Technical Publication (TP) 76620, entitled Digital Data Over Voice (DDOV) Network Interface Specification, Issue A, issued December 1989.



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#### DOVLINK

#### 10.1 DESCRIPTION AND APPLICATION OF SERVICE-(Continued)

- 10.1.3 Provision of Service-(Continued)
  - E. The DovLink voice channel supports Custom Calling features and CLASS features.
  - F. A remote data voice multiplexer (DVM) must be provided by the customer on his premises. Digital equipment provided by the customer is subject to the regulations set forth in Section 3 of this Tariff, Paragraphs 3.6.5 and 3.6.10.

#### 10.1.4 Limitations

A. The distance limitation for DovLink is nominally 15 Kft of 26 gauge or equivalent (36 dB @ 28 kHz) on a single, non-loaded 2-wire copper pair. The 15 Kft or 26 gauge or equivalent (36 dB loss @ 28 kHz) distance limitation must include the distance from the DVM at the central office to the remote DVM at the customer's premises, including the central office wiring and any appropriate customer premises wiring.

#### 10.2 METHOD OF APPLYING RATES

10.2.1 Data Voice Multiplexer (DVM)

A charge for a DVM, both recurring and nonrecurring, applies per local exchange line equipped. In addition, Service Loop Facility Modification charges apply as described in Section 13 of the General Exchange Tariff.

#### 10.2.2 Interoffice Channel

Derived digital data channels from DovLink service may be connected between serving offices through the use of interoffice mileage at the rates found in Section 3, Paragraph 3.11.1.



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#### **DOVLINK**

#### 10.3 RATES AND CHARGES

The rates and charges specified herein are only for the central office DVM for DovLink service and are in addition to the rates specified in the appropriate tariffs for services that are connected to the DVM. The ordering customer must specify the configuration of the data service that will be connected to the derived digital data channel.

10.3.1 Data Voice Multiplexer (DVM)	<u>USOC</u>	Monthly <u>Rate</u>	Nonrecurring . Charge .
-Per local exchange line equipped.(1) Bit rate 2.4 kbps Bit rate 4.8 kbps Bit rate 9.6 kbps	MGEXC (NI MGEXD   MGEXE (NI	\$16.00	(NR) \$184.00   \$184.00 (NR) \$184.00

#### 10.3.2 Interoffice Channels

Rates and charges for interoffice channels for 2.4, 4.8 and 9.6 kbps are found in Section 3 of this Tariff, Paragraph 3.11.1.

#### 10.3.3 Packet Switch Interface

Derived digital data channels of DovLink may be arranged for connection with MicroLink II service as described in Section 6 of this Tariff.

(1) In addition, Service Loop Facility Modification charges as described in Section 13 of the General Exchange Tariff apply.



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No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
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#### **BUSINESS VIDEO SERVICE**

- (AT) The Business Video Service, Section 11 of the Digital Link Tariff, P.S.C.-No. 38, has been withdrawn, (AT) in its entirety, and the contents completely removed.
- (RT)

(RT)

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### **BUSINESS VIDEO SERVICE(1)**

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(AT) (1) Obsolete-applicable for existing service installations at existing locations for existing customers.

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BUSINESS VIDEO SERVICE(1)

(AT)

#### 11.1 DESCRIPTION AND APPLICATION OF SERVICE

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11.1.1 General

- A. Business Video Service provides a video channel with two-way transmission capability. Total standard 525 nmmission: line/60-field monochrome, or National Television Systems Committee (NTSC) color, System M video signal. This service includes one associated audio signal in the 7 kHz frequency range. Business Video Service is available for local distribution channels and associated interoffice channels.
- B. Business Video Service may consist of one Business Video local distribution channel at each end of a two-point circuit or one Business Video local distribution channel at one end of a two-point circuit and a MegaLink III local distribution channel (as set forth in Section 4 of this Tariff) at the other end of the two-point circuit. This service may include the ancillary sale of one 4.8 kbps and one 9.6 kbps MegaLink II channel.
- C. Business Video Service provides for two-way compressed video/audio service on a two-point basis. Business Video is suitable for teleconferencing which connects two groups at different locations.
- D. Business Video Service may be provided between two customer designated premises. Two types of service are offered, Business Video I and Business Video II.

#### Business Video I

Business Video I is a digital channel capable of two-way, two-point video/audio transmission. This video service is visually comparable to broadcast quality video, but has less stringent technical parameters and some noticeable motion impairment. The bandwidth for Business Video I digital video compression is 384 kbps.

#### Business Video II

Business Video II is a digital channel capable of two-way, two-point video/audio transmission. This video service is visually comparable to broadcast quality video, but has less stringent technical parameters. The bandwidth for Business video II digital video compression is 1.544 Mbps.

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Digital Link Services Tariff
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**BUSINESS VIDEO SERVICE** 

11.1 DESCRIPTION AND APPLICATION OF SERVICE

FEB 9 1993

#### 11.1.1 General

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Public Service Commission

- A. Business Video Service provides a video channel with two-way transmission capability for a standard 525-line/60-field monochrome, or National Television Systems Committee (NTSC) color, System M video signal. This service includes one associated audio signal in the 7 kHz frequency range. Business Video Service is available for local distribution channels and associated interoffice channels.
- B. Business Video Service may consist of one Business Video local distribution channel at each end of a two-point circuit or one Business Video local distribution channel at one end of a two-point circuit and a MegaLink III local distribution channel (as set forth in Section 4 of this Tariff) at the other end of the two-point circuit. This service may include the ancillary sale of one 4.8 kbps and one 9.6 kbps MegaLink II channel.
- C. Business Video Service provides for two-way compressed video/audio service on a two-point basis. Business Video is suitable for teleconferencing which connects two groups at different locations.
- D. Business Video Service may be provided between two customer designated premises. Two types of service are offered, Business Video I and Business Video II.

### Business Video I

Business Video I is a digital channel capable of two-way, two-point video/audio transmission. This video service is visually comparable to broadcast quality video, but has less stringent technical parameters and some noticeable motion impairment. The bandwidth for Business Video I digital video compression is 384 kbps.

## Business Video II

Business Video II is a digital channel capable of two-way, two-point video/audio transmission. This video service is visually comparable to broadcast quality video buit has less stringent technical parameters. The bandwidth for Business video II digital video compression is 1.544 Hbps.

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Issued: FEB 0 9 1993

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By A. D. ROBERTSON, Assistant Vice President-External Affairs
Southwestern Bell Telephone Company
St. Louis, Missouri

Digital Link Services Tariff Section 11 1st Revised Sheet 2 Replacing Original Sheet 2

(AT)

**BUSINESS VIDEO SERVICE(1)** 

11.1 DESCRIPTION AND APPLICATION OF SERVICE-(Continued)

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11.1.1 General-(Continued)

เพเธริบปลิเ Public Service Commission

E. The bandwidth for Business Video I and II digital audio compression is included within the transmission and is at the rate of 64 kbps. This transmission is considered to be compliant with the Px64 standards set forth by the Consultative Committee on International Telephony and Telegraphy (CCITT).

#### 11.1.2 Regulations

- A. The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this Tariff.
- B. The customer must provide the customer premises equipment at each end of the two-point network, such as room cameras, monitors, audio systems, graphics camera equipment and system control console (when required).
- C. Business Video Service is provided as a point-to-point two-point service only.
- D. The technical specifications are set forth in Technical Reference TP-76644.

#### 11.1.3 Provision of Service

A. Business Video Service is offered with a 3-year minimum service period. The customer's rates will not change during the minimum service period, unless the customer modifies service, e.g., requesting new rates because of a general tariff rate change. In this situation, a new minimum service period will be established and modification charges, as set forth in Paragraph 11.1.3, C., following, will apply.

One month prior to the expiration of the minimum service period, the customer must select one of the following options:

1. The customer may renew the service for another 3-year minimum period at the tariff regulations, rates and charges in effect at the time of renewal. Termination charges will be associated with the new CANCELLED minimum service period.

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(AT) (1) Obsolete-applicable for existing service installations at existing locations for existing customers.

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#### BUSINESS VIDEO SERVICE

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11.1 DESCRIPTION AND APPLICATION OF SERVICE-(Continued)

11.1.1 General-(Continued)

MISSOURI Public Service Commission

E. The bandwidth for Business Video I and II digital audio compression is included within the transmission and is at the rate of 64 kbps. This transmission is considered to be compliant with the Px64 standards set forth by the Consultative Committee on International Telephony and Telegraphy (CCITT).

#### 11.1.2 Regulations

- A. The regulations and rates specified herein are in addition to the applicable regulations found in other sections of this Tariff.
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One month-prior to the expiration of the minimum service period, the customer must select one of the following options:

1. The customer may renew the service for another 3-year minimum period at the tariff regulations, rates and charges in effect at the time of renewal. Termination charges will be associated with the new minimum service period.

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Digital Link Services Tariff
Section 11
1st Revised Sheet 3
Replacing Original Sheet 3

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#### BUSINESS VIDEO SERVICE(1)

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11.1 DESCRIPTION AND APPLICATION OF SERVICE-(Continued)

(MISSUUR) Public Service Commission

11.1.3 Provision of Service-(Continued)

- A. (Continued)
  - 2. The customer may elect to renew the service on a monthly basis at the tariff regulations, rates and charges in effect at the time of renewal. Termination charges do not apply.
  - 3. The customer may elect to disconnect the service upon expiration of the existing minimum service period.
- B. In the event service is terminated prior to the expiration of the minimum 3-year service period, termination charges, as specified below, will apply.

Termination
Service Period Percentage

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3 years (36 months)

60%

The termination charge is calculated as follows:

Months remaining Termination

Monthly rates x in service period x percentage

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Example: A customer with a \$2,000 monthly rate terminates service with 5 months remaining in a 3-year service period. The termination charge would be calculated as follows:

 $$2,000 \times 5 \times .60 = $6,000$ 

The termination charge would be \$6,000.

In the event service is terminated after a 3-year minimum service period has elapsed and the customer has elected to continue service on a monthly basis, no termination charges apply.

If Special Construction charges were applied for the service being terminated, an associated termination charge, as set forth in Section 14 of the Access Services Tariff, may apply.

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(AT) (1) Obsolete-applicable for existing service installations at existing locations for existing customers.

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Digital Link Services Tariff
Section 11
Original Sheet 3

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#### BUSINESS VIDEO SERVICE

11.1 DESCRIPTION AND APPLICATION OF SERVICE-(Continued)

FEB 9 1993

11.1.3 Provision of Service-(Continued)

NSSOURI Public Service Commission

- A. (Continued)
  - 2. The customer may elect to renew the service on a monthly basis at the tariff regulations, rates and charges in effect at the time of renewal. Termination charges do not apply.
  - 3. The customer may elect to disconnect the service upon expiration of the existing minimum service period.
- B. In the event service is terminated prior to the expiration of the minimum 3-year service period, termination charges, as specified below, will apply.

Service Period

Termination Percentage

3 years (36 months)

60%

The termination charge is calculated as follows: Public Service

Months remaining Termination Monthly rates x in service period x percentage

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The termination charge would be \$6,000.

In the event service is terminated after a 3-year minimum service period has elapsed and the customer has elected to continue service on a monthly basis, no termination charges apply.

If Special Construction charges were applied for the service being terminated, an associated termination charge, as set forth in Section 14 of the Access Services Tariff, may apply.

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Issued: **FEB 0 9 1993** 

Effective: MAR 1 9 1993 O. PUBLIC SERVICE COMML

By A. D. ROBERTSON, Assistant Vice President-External Affairs Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff
Section 11
1st Revised Sheet 4
Replacing Original Sheet 4

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#### **BUSINESS VIDEO SERVICE(1)**

#### 11.1 DESCRIPTION AND APPLICATION OF SERVICE-(Continued)

JAR 1 0 1997

11.1.3 Provision of Service-(Continued)

ıkii3SOUR) Public Service Commission

C. The customer may request to modify service provided the service end points remain the same.

It is considered a modification of service when the customer upgrades from Business Video I Service to Business Video II Service. The original minimum service period for Business Video I Service remains intact. All rates and charges in effect for Business Video II Service at the time of the modification are applicable.

It is considered a modification of service when the customer, prior to the expiration of the minimum service period, requests a change in rates, i.e., the customer requests the current effective rates which are different from those he is now paying. In this situation, a new minimum service period is established, and all applicable nonrecurring charges apply.

#### 11.1.4 Options

A. Split Screen Capability

This allows three separate areas of the room to be viewed simultaneously, or two areas and one graphics camera view. The bandwidth is split between the two monitors providing less than a full screen view on one of the monitors. If a single monitor or system is used, then this option allows two separate areas of the room to be viewed simultaneously, or one area and one graphics camera view. Note: This option varies from the Px64 standards compliance and requires specific manufacturer equipment compatibility at the receiving (viewing) end of the point-to-point video service.

11.1.5 Allowances for Interruptions

No credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited for an interruption of 24 hours or more—at the rate of 1/30th of the applicable monthly rates for each period of 24 hours or fraction thereof that the interruption continues.

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Digital Link Services Tariff Section 11 Original Sheet 4

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BUSINESS VIDEO SERVICE

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11.1 DESCRIPTION AND APPLICATION OF SERVICE-(Continued)

MISSOURI Public Service Commission

11.1.3 Provision of Service-(Continued)

C. The customer may request to modify service provided the service end points remain the same.

It is considered a modification of service when the customer upgrades from Business Video I Service to Business Video II Service. The original minimum service period for Business Video I Service remains intact. All rates and charges in effect for Business Video II Service at the time of the modification are applicable.

It is considered a modification of service when the customer, prior to the expiration of the minimum service period, requests a change in rates, i.e., the customer requests the current effective rates which are different from those he is now paying. In this situation, a new minimum service period is established, and all applicable nonrecurring charges apply. FEB 1 0 1997

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Digital Link Services Tariff
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1st Revised Sheet 5
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BUSINESS VIDEO SERVICE(1)

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#### 11.2 METHOD OF APPLYING RATES

11.2.1 Business Video Local Distribution Channel

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This represents a two-point transmission path between a customer's premises and the customer's serving office.

11.2.2 Interoffice Channel

This represents a two-point transmission path between the serving offices of the two customer premises. Charges are for the fixed and per mile portions based on the Vertical and Horizontal (V-H) distance between the serving offices measured in whole miles. Fractional miles are rounded to the next whole mile.

11.2.3 Split Screen Capability

This allows three separate areas of the room to be viewed simultaneously, or two areas and one graphics camera view. The bandwidth is split between the two monitors providing less than a full screen view on one of the monitors. Rates apply per Business Video local distribution channel terminated at a customer's premises.

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Digital Link Services Tariff
Section 11
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BUSINESS VIDEO SERVICE

FEB 9 1993

11.2 METHOD OF APPLYING RATES

11.2.1 Business Video Local Distribution Channel

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11.2.3 Split Screen Capability

This allows three separate areas of the room to be viewed simultaneously, or two areas and one graphics camera view. The bandwidth is split between the two monitors providing less than a full screen view on one of the monitors. Rates apply per Business Video local distribution channel terminated at a customer's premises.

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1st Revised Sheet 6
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#### **BUSINESS VIDEO SERVICE(2)**

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11.3 RATES AND CHARGES			JAN 1 0 1957
11.3.1 Business Video Local Distribution Channel	<u>USOC</u>	Monthly <u>Rates</u>	ું પ્રાથમિક કાર્યો કરેલા પ્રાથમિક પ્રામિક પ્રાથમિક પ્રામિક પ્રાથમિક પ્રાથમિક પ્રાથમિક પ્રાથમિક પ્રાથમિક પ્રાથમિક પ્રાથ
<ul> <li>Per point of termination</li> <li>Business Video I</li> <li>Business Video II</li> </ul>	IRSBF IRSBI	\$805.00 910.00	\$812.00 812.00
11.3.2 Interoffice Channel	<u>USQC</u>	Fixed	Monthly Rates Per Mile
A. Business Video I	<u>0300</u>	rixed	ret Mile
Mileage Bands			
0 Over 0	JZ3FA JZ3FB	None \$65.00	None \$13.00
B. Business Video II			
Mileage Bands			
0 Over 0	JZ3GA JZ3GB	None \$70.00	None \$15.00
11.3.3 Optional Features and Functions	<u>USOC</u>	Monthly <u>Rates</u> .	Nonrecurring <u>Charges</u> .
A. Split Screen Capability			CANCELLED
- Per Business Video Local Distribution Channel terminated at a customer's premises.	ICRV1	\$130.00 <b>P</b> 1	DEC 0 2 2002 EN Znol RS   (Index) ublic Service Commission Missouri
	ICRVS		\$153.00(1) FILED

(1) Applicable when ordered subsequently to the initial installation of Business Video Service.

(AT) (2) Obsolete-applicable for existing service installations at existing locations for existing customers.

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Issued: JAN 1 () 1997

Effective FEB 1 0 1997

Digital Link Services Tariff Section 11 Original Sheet

### BUSINESS VIDEO SERVICE

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11.3 RATES AND CHARGES

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11.3.1	Business Video Local	
	Distribution Channel	

USOC

Monthly ublic Son iecuffing 138137 Rates

Charges

- Per point of termination

- Business Video I - Business Video II 1RSBF (NR)\$805.00 1RSB1 (NR) 910.00

(NR)\$812.00 (NR) 812.00

11.3.2 Interoffice Channel

**USOC** 

Monthly Rates

Fixed Per Mile

Business Video I

Mileage Bands

0

JZ3FA

None

Over 0

None JZ3FB (NR) \$65.00

(NR) \$13.00

B. Business Video II

Mileage Bands

JZ3GA

None

None

Over O

JZ3GB (NR) \$70.00

(NR) \$15.00

11.3.3 Optional Features and Functions

USOC

Monthly Rates

Nonrecurring 1 Charges

Split Screen Capability

- Per Business Video Local Distribution Channel terminated at a customer's premises.

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1CRVS

(NR) \$153.00(1)

(1) Applicable when ordered subsequently to the initial installationA 配 dusiness Video Service.

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Issued: FEB 0 9 1993

Effective:

Digital Link Services Tariff
Section 12
1st Revised Sheet 1
Replacing Original Sheet 1

- (CT) TECHNICAL TRIALS
- (AT) 12.1 DISTANCE LEARNING
- (FC) 12.1.1 Description of Trial

Issued: December 13, 1995

The Company is conducting a technical trial of a service called Distance Learning. This service will provide a video connection between classrooms in different schools thus allowing a teacher to conduct a class in multiple locations at the same time. It is initially being tested at no charge.

The trials are scheduled to begin in 1993.



Effective: January 15, 1996

Digital Link Services Tariff
Section 12
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### TECHNICAL TRIAL OF DISTANCE LEARNING

### 12.1 DESCRIPTION OF TRIAL

The Company is conducting a technical trial of a service called Distance Learning. This service will provide a video connection between classrooms in different schools thus allowing a teacher to conduct a class in multiple locations at the same time. It is initially being tested at no charge.

The trials are scheduled to begin in 1993.

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BY LOT R. S. #

Public Service Commission

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Digital Link Services Tariff Section 12 Original Sheet 2

### **TECHNICAL TRIALS**

### 12.2 TELEMEDICINE

### 12.2.1 Description of Trial

The Company is conducting a technical trial of Telemedicine services beginning in 1995. This trial will provide video and data connections for remote diagnosis and consultation as well as continuing medical education. This trial is being conducted at no charge to the customer.

SWBT shall be indemnified and saved harmless by users of services under this tariff against claims for medical malpractice or any other type of personal injury arising from the delivery of services under this tariff.

SWBT makes no warranties, expressed or implied, as to the equipment and services that it furnishes during the trial.

SWBT will not be liable for any incidental, consequential, special or indirect damage attributable to its performance during the trial.

SWBT has no further obligation to provide said services and equipment after termination of the trial.



Digital Link Services Tariff
Section 13
3rd Revised Sheet 1
Replacing 2nd Revised Sheet 1

## SELECT VIDEO PLUS®

### 13.1 GENERAL

### 13.1.1 SERVICE DESCRIPTION

SelectVideo Plus is an intraLATA dial-up multi-rate switched digital data service. SelectVideo Plus will provide digital connections ranging from 64 Kbps to 1536 Kbps (synchronous) in 64 Kbps increments of bandwidth via the public switched network. The specific rate is user-selectable on a per call basis. Network access to SelectVideo Plus is via fully configured ISDN primary rate interfaces (PRI). A minimum of two PRIs (one configured for 23B+D and one configured for 24B) is required for 1536 Kbps calls.

This service is competitively classified in the following exchanges

Business: St. Louis Kansas City

### 13.2 SERVICE COMPONENTS

- 13.2.1 SelectVideo Plus Arrangement: provides the communication path capable of bandwidth aggregation from the customer's premises to the SelectVideo Plus serving office. A SelectVideo Plus Arrangement may consist of Control Links and Communication Links. A minimum of one Control Link is required per SelectVideo Arrangement. This minimum configuration will provide digital connections from 64 Kbps to 1472 Kbps in increments of 64 Kbps. In order to transmit at 1536 Kbps, the SelectVideo Plus Arrangement must include at least one Control Link and one Communication Link.
  - 13.2.1.1 Control Link: a PRI configured with one D Channel or a back-up D Channel and 23 B Channels to provide up to 1472 Kbps of bandwidth.
  - 13.2.1.2 Communication Link: a PRI configured with 24 B Channels to provide up to 1536 Kbps of bandwidth.

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Issued: February 24, 2004 Effective: March 25, 2004

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Digital Link Services Tariff Section 13 2nd Revised Sheet 1 Replacing 1st Revised Sheet 1

SELECT VIDEO PLUS

Missouri Public

13.1 GENERAL

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## 13.1.1 SERVICE DESCRIPTION

Service Commission SelectVideo Plus is an intraLATA dial-up multi-rate switched digital data service. SelectVideo Plus will provide digital connections ranging from 64 Kbps to 1536 Kbps (synchronous) in 64 Kbps increments of bandwidth via the public switched network. The specific rate is user-selectable on an per call basis. Network access to SelectVideo Plus is via fully configured ISDN primary rate interfaces (PRI). A minimum of two PRIs (one configured for 23B+D and one configured for 24B) is required for 1536 Kbps calls.

This service is competitively classified in the following exchanges

CANCELLED

Business: St. Louis

Kansas City

MAR 2 5 2004

ervice Commission

### 13.2 SERVICE COMPONENTS

MISSOURI
SelectVideo Plus Arrangement: provides the communication path capable of bandwidth aggregation from the customer's premises to the SelectVideo Plus serving office. A SelectVideo Plus Arrangement may consist of Control Links and Communication Links. A minimum of one Control Link is required per SelectVideo Arrangement. This minimum configuration will provide digital connections from 64 Kbps to 1472 Kbps in increments of 64 Kbps. In order to transmit at 1536 Kbps, the SelectVideo Plus Arrangement must include at least one Control Link and one Communication Link.

- 13.2.1.1 Control Link: a PRI configured with one D Channel or a back-up D Channel and 23 B Channels to provide up to 1472 Kbps of bandwidth.
- 13.2.1.2 Communication Link: a PRI configured with 24 B Channels to provide up to 1536 Kbps of bandwidth.
- 13.2.2 SelectVideo Plus Usage: provides for usage of the Public Switched Telephone Network (PSTN).
  - 13.2.2.1 Payment Option 1 usage is billed on a per minute basis as described in paragraph 13.7, following.
  - 13.2.2.2 Payment Option 2 provides a choice of three Usage Packages, each of which include a monthly usage allowance. All usage in excess of the allowance is billed on a per minute basis. Usage Packages are further described in paragraph 13.7.9, following.
  - 13.2.2.3 Payment Option 3 monthly rates for Control Links and Communication Links include unlimited intraLATA usage. See section 13.8.1.1.
- Link Extension: provides connection for customers located outside of a Primary Market Area equipped with SelectVideo Plus (but within the same LATA). One Link Extension is required for each Control Link and Communication Link.

Issued: February 20, 2002

Effective: March 22, 2011

Missouri Public

By JAN NEWTON, President-Missouri

Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company

St. Louis Missouri

FILED MAR 2 9 2002 MAR 29 2002

Service Commission

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No supplement to this except for the purpose CANCELLED of cancelled of canceling this tariff.

MAR 2 9 2002 SELECTVIDEO PLUS Digital Link Services Tariff Section 13 1st. Revised Sheet 1

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13.1

13.1.1 SERVICE DESCRIPTION

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SelectVideo Plus is an intraLATA dial-up multi-rate switched digital data service. SelectVideo Plus will provide digital connections ranging from 64 Kbps to 1536 Kbps (synchronous) in 64 Kbps increments of bandwidth via the public switched network. The specific rate is userselectable on a per call basis. Network access to SelectVideo Plus is via fully configured ISDN primary rate interfaces (PRI). A minimum of two PRIs (one configured for 23B+D and one configured for 24B) is required for 1536 Kbps calls.

#### 13.2 SERVICE COMPONENTS

- 13.2.1 SelectVideo Plus Arrangement: provides the communication path capable of bandwidth aggregation from the customer's premises to the SelectVideo Plus serving office. A SelectVideo Plus Arrangement may consist of Control Links and Communication Links. A minimum of one Control Link is required per SelectVideo Arrangement. This minimum configuration will provide digital connections from 64 Kbps to 1472 Kbps in increments of 64 Kbps. In order to transmit at 1536 Kbps, the SelectVideo Plus Arrangement must include at least one Control Link and one Communication Link.
- 13.2.1.1 Control Link: a PRI configured with one D Channel or a back-up D Channel and 23 B Channels to provide up to 1472 Kbps of bandwidth.
- 13.2.1.2 Communication Link: a PRI configured with 24 B Channels to provide up to 1536 Kbps of bandwidth.
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- (AT) 13.2.2.1 Payment Option 1 usage is billed on a per minute basis as described in paragraph 13.7, following.
  - 13.2.2.2 Payment Option 2 provides a choice of three Usage Packages, each of which include a monthly usage allowance. All usage in excess of the allowance is billed on a per minute basis. Usage Packages are further described in paragraph 13.7.9, following.
- 13.2.2.3 Payment Option 3 monthly rates for Control Links and Communication Links include unlimited (AT) intraLATA usage. See section 13.8.1.1.
  - 13.2.3 Link Extension: provides connection for customers located outside of a Primary Market Area equipped with SelectVideo Plus (but within the same LATA). One Link Extension is required for each Control Link and Communication Link.

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Issued: JAN 2 4 1995

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Digital Link Services Tariff Section 13 Original Sheet 1

SELECTVIDEO PLUS

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13.1 GENERAL

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13.1.1 SERVICE DESCRIPTION

SelectVideo Plus is an intraLATA dial-up multi-rate switched organical data service. SelectVideo Plus will provide digital connections ranging from 64 Kbps to 1536 Kbps (synchronous) in 64 Kbps increments of bandwidth via the public switched network. The specific rate is user-selectable on a per call basis. Network access to SelectVideo Plus is via fully configured ISDN primary hatel interfaces (PRI). A minimum of two PRIs (one configured for 23B+D and one configured for 24B) is required for 1536 Kbps calls.

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### 13.2 SERVICE COMPONENTS

- 13.2.1 SelectVideo Plus Arrangement: Propini Gravite Communication path capable of bandwidth aggregation from the custom Communication path capable SelectVideo Plus serving office. A SelectVideo Plus Arrangement may consist of Control Links and Communication Links. A minimum of one Control Link is required per SelectVideo Arrangement. This minimum configuration will provide digital connections from 64 Kbps to 1472 Kbps in increments of 64 Kbps. In order to transmit at 1536 Kbps, the SelectVideo Plus Arrangement must include at least one Control Link and one Communication Link.
- 13.2.1.1 Control Link: a PRI configured with one D Channel or a back-up D Channel and 23 B Channels to provide up to 1472 Kbps of bandwidth.
- 13.2.1.2 Communication Link: a PRI configured with 24 B Channels to provide up to 1536 Kbps of bandwidth.
- 13.2.2 SelectVideo Plus Usage: provides for usage of the Public Switched Telephone Network (PSTN) per minute.
- 13.2.3 Link Extension: provides connection for customers located dutside of a Primary Market Area equipped with SelectVideo Plus (but within the same LATA). One Link Extension is required for each Control Link and Communication Link.

13.2.4 Optional Features

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  13.2.4.1 Back-Up D Channel (BD-C): Allows enhanced survivability in the Commission SelectVideo Plus Arrangement by providing automatic takeover for a failed D-Channel.
- 13.2.4.2 Additional Telephone Numbers: Provides additional telephone numbers to the SelectVideo Plus user.
- 13.2.4.3 Calling Line Identification (CLID): Allows the number of the calling party to be delivered to the called party.

Issued: MAY 0 2 1994

By M. H. SCHULTEIS, Division Manager-Regulatory & Financial Relations

Southwestern Bell Telephone Company

Digital Link Services Tariff
Section 13
5th Revised Sheet 2
Replacing 4th Revised Sheet 2

### SELECTVIDEO PLUS®

- 13.2 SERVICE COMPONENTS (cont'd)
  - 13.2.2 SelectVideo Plus Usage: Provides for usage of the Public Switched Telephone Network (PSTN).
    - 13.2.2.1 Payment Option 1 usage is billed on a per minute basis as described in Paragraph 13.7, following.
    - 13.2.2.2 Payment Option 2(1) provides a choice of three Usage Packages, each of which includes a monthly usage allowance. All usage in excess of the allowance is billed on a per minute basis. Usage Packages are further described in Paragraph 13.7.9, following.
    - 13.2.2.3 Payment Option 3(1) monthly rates for Control Links and Communication Links include unlimited intraLATA usage. See Section 13.8.1.1.
  - 13.2.3 Link Extension: Provides connection for customers located outside of a Primary Market Area equipped with SelectVideo Plus (but within the same LATA). One Link Extension is required for each Control Link and Communication Link.
  - 13.2.4 Optional Features
  - 13.2.4.1 Back-Up D Channel (BD-C): Allows enhanced survivability of the SelectVideo Plus Arrangement by providing automatic takeover for a failed D-Channel.
  - 13.2.4.2 Additional Telephone Numbers (Direct Inward Dialing Service): Provides additional telephone numbers to the SelectVideo Plus user.
- (AT) 13.2.4.3 Calling Line Identification (CLID): Allows the number and name (where technically capable) of the calling party to be delivered to the called party as part of the called party set-up message.

### 13.3 REGULATIONS

- 13.3.1 The following regulations are in addition to other regulations as stated in this and other Company tariffs.
- 13.3.2 SelectVideo Plus provides for the transmission of data mode calls only.
- (1) SelectVideo Payment Option 2, Payment Option 3, and associated Usage Packages are obsolete and only available to existing installations at existing locations for existing customers.

Issued: April 18, 2005 Effective: May 18, 2005

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff Section 13 4th Revised Sheet 2 Replacing 3rd Revised Sheet 2

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### SELECTVIDEO PLUS®

### 13.2 SERVICE COMPONENTS (cont'd)

- 13.2.2 SelectVideo Plus Usage: Provides for usage of the Public Switched Telephone Network (PSTN).
  - 13.2.2.1 Payment Option 1 usage is billed on a per minute basis as described in Paragraph 13.7, following.
  - 13.2.2.2 Payment Option 2(1) provides a choice of three Usage Packages, each of which includes a monthly usage allowance. All usage in excess of the allowance is billed on a per minute basis. Usage Packages are further described in Paragraph 13.7.9, following.
  - 13.2.2.3 Payment Option 3(1) monthly rates for Control Links and Communication Links include unlimited intraLATA usage. See Section 13.8.1.1.
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- 13.2.4 Optional Features
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  - 13.2.4.2 Additional Telephone Numbers (Direct Inward Dialing Service): Provides additional telephone numbers to the SelectVideo Plus user.
  - 13.2.4.3 Calling Line Identification (CLID): Allows the number of the calling party to be delivered to the called party.

### (MT) 13.3 REGULATIONS

- 13.3.1 The following regulations are in addition to other regulations as stated in this and other Company tariffs.
- (MT) 13.3.2 SelectVideo Plus provides for the transmission of data mode calls only.
  - (1) SelectVideo Payment Option 2, Payment Option 3, and associated Usage Packages are obsolete and only available to existing installations at existing locations for existing customers.

Issued: August 16, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

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Effective: September 15, 2004

Digital Link Services Tariff
Section 13
3rd Revised Sheet 2
Replacing 2nd Revised Sheet 2

### SELECT VIDEO PLUS®

(MT) 13.2 SERVICE COMPONENTS (cont'd)

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- 13.2.2 SelectVideo Plus Usage: provides for usage of the Public Switched Telephone Network (PSTN).
  - 13.2.2.1 Payment Option 1 usage is billed on a per minute basis as described in paragraph 13.7, following.
  - 13.2.2.2 Payment Option 2(1) provides a choice of three Usage Packages, each of which includes a monthly usage allowance. All usage in excess of the allowance is billed on a per minute basis. Usage Packages are further described in paragraph 13.7.9, following.
  - 13.2.2.3 Payment Option 3(1) monthly rates for Control Links and Communication Links include unlimited intraLATA usage. See section 13.8.1.1.
- 13.2.3 Link Extension: provides connection for customers located outside of a Primary Market Area equipped with SelectVideo Plus (but within the same LATA). One Link Extension is required for each Control Link and Communication Link.

13.2.4 Optional Features

- 13.2.4.1 Back-Up D Channel (BD-C); Allows enhanced survivability of the SelectVideo Plus Arrangement by providing automatic takeover for a failed D-Channel.
- 13.2.4.2 Additional Telephone Numbers (Direct Inward Dialing Service): Provides additional telephone numbers to the SelectVideo Plus user.
- 13.2.4.3 Calling Line Identification (CLID): Allows the number of the calling party to be delivered to the called party.

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(1) SelectVideo Payment Option 2, Payment Option 3, and associated Usage Packages are obsolete and only available to existing installations at existing locations for existing customers.

Issued: February 24, 2004

Effective: March 25, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Service Constitution
FLED MAR 25 2004

Digital Link Services Tariff
Section 13
2nd Revised Sheet 2
Replacing Legis Control

### SELECTVIDEO PLUS

**REC'D AUG 12 2002** 

13.2 SERVICE COMPONENTS (cont'd)

13.2.4 Optional Features

Service Commission

- 13.2.4.1 Back-Up D Channel (BD-C): Allows enhanced survivability of the SelectVideo Plus Arrangement by providing automatic takeover for a failed D-Channel.
- (AT) 13.2.4.2 Additional Telephone Numbers (Direct Inward Dialing Service): Provides additional telephone numbers to the SelectVideo Plus user.
  - 13.2.4.3 Calling Line Identification (CLID): Allows the number of the calling party to be delivered to the called party.

### 13.3 REGULATIONS

- 13.3.1 The following regulations are in addition to other regulations as stated in this and other SWBT tariffs.
- 13.3.2 SelectVideo Plus provides for the transmission of data mode calls only.
- 13.3.3 SelectVideo Plus requires the use of customer provided equipment (CPE) which must be compatible with SWBT's equipment and facilities, and is subject to the interface specifications in TR-TSY-000776 (Network Interface Description for ISDN Customer Access) and TR-NWT-001203 (Generic Requirements for the Switched DS1/Switched Fractional DS1 Service Capability from an ISDN Interface (SelectVideo Plus/ISDN)). These documents may be obtained from:

Bellcore Document Register 445 South Street, Room 2J-125 P.O. Box 1910 Morristown, NJ Telephone: 1-800-521-2673

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Public Service Commission

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Issued: August 12, 2002

Effective: September 11, 2002

By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

Missouri Public

FILED SEP 11 2002

Service Commission

No supplement to this Digital Link Services Tariff tariff will be issued Section 13 except for the purpose ised Sheet 2 of canceling this tariff. SELECTVIDEO PLUS JAD 24 1995 13.2 SERVICE COMPONENTS (Continued) (MT) 13.2.4 Optional Features MO. PUBLIC SERVICE COMM. 13.2.4.1 Back-Up D Channel (BD-C): Allows enhanced survivability of the SelectVideo Plus Arrangement by providing automatic takeover for a failed D-Channel. 13.2.4.2 Additional Telephone Numbers: Provides additional telephone numbers to the SelectVideo Plus 13.2.4.3 Calling Line Identification (CLID): Allows the number of the calling party to be delivered to the (MT) called party. 13.3 REGULATIONS 13.3.1 The following regulations are in addition to other regulations as stated in this and other SWBT tariffs. 13.3.2 SelectVideo Plus provides for the transmission of data mode calls only. 13.3.3 SelectVideo Plus requires the use of customer provided equipment (CPE) which must be compatible with SWBT's equipment and facilities, and is subject to the interface specifications in TR-TSY-000776 (Network Interface Description for ISDN Customer Access) and TR-NWT-001203 (Generic Requirements for the Switched DS1/Switched Fractional DS1 Service Capability from an ISDN Interface (SelectVideo Plus/ISDN)). These documents may be obtained from: CANCELLED Bellcore Document Register 445 South Street, Room 2J-125 P.O. Box 1910 Morristown, NJ Telephone: 1-800-521-2673 ommissien 13.34 Compatible CPE must be provided at both the originating and terminating locations to successfully complete a SelectVideo Plus call. 13.3.5 SelectVideo Plus service, when furnished at the same premises in combination with other local exchange service, shall not be considered to be in conflict with the rules of paralleling service. 13.3.6 SelectVideo Plus service shall not be shared or jointly used except under Section 37 (Shared Tenant Service) of the General Exchange Tariff. Resale is prohibited under Section 17 (Rules and Regulations Applying to All Customers' Contracts) of the General Exchange Tariff.

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applicable for this offering.

Temporary suspension of service at the request of the customer, either partial

Digital Link Services Tariff Section 13 Sheet 2

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### SELECTVIDEO PLUS

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### 13.3 REGULATIONS

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- 13.3.1 The following regulations are in addition to other view Commission stated in this and other SWBT tariffs.
- 13.3.2 SelectVideo Plus provides for the transmission of data mode calls only.
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Bellcore Document Register 445 South Street, Room 2J-125 P.O. Box 1910 Morristown, NJ Telephone: 1-800-521-2673

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Public Service Commission

- 13.3.4 Compatible CPE must be provided at both the origina Mins and terminating locations to successfully complete a SelectVideo Plus call.
- 13.3.5 SelectVideo Plus service, when furnished at the same premises in combination with other local exchange service, shall not be considered to be in conflict with the rules of paralleling service.
- 13.3.6 SelectVideo Plus service shall not be shared or jointly used except under Section 37 (Shared Tenant Service) of the General Exchange Tariff. Resale is prohibited under Section 17 (Rules and Regulations Applying to All Customers' Contracts) of the General Exchange Tariff.
- 13.3.7 Temporary suspension of service at the request of the customer, either partial or complete is not applicable for this offering.
- 13.3.8 Alternate billing is not available for SelectVideo Plus service: 16 1994
- 13.3.9 Service Terms

MISSOURI Public Service Commission

- 13.3.9.1 All SelectVideo Plus service components have a minimum service term of one month.
- 13.3.9.2 The customer shall select a service term for each Control Link and Communication Link of either Month-to-Month, 36 or 60 continuous months. Customers selecting either a 36 or 60 month service term will be required to sign a contract per order.

Issued: MAY 0 2 1994 Effective: Selective: JUN 1 6 1994 By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations 6 1994 Southwestern Bell Telephone Company

St. Louis, Missouri

Digital Link Services Tariff
Section 13
2nd Revised Sheet 2.01
Replacing 1st Revised Sheet 2.01

(CT) SELECTVIDEO PLUS®

(AT) 13.3 REGULATIONS (cont'd)

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13.3.3 SelectVideo Plus requires the use of customer provided equipment (CPE) which must be compatible with the Company's equipment and facilities, and is subject to the interface specifications in TR-NWT-000776 (Network Interface Description for ISDN Customer Access) and TR-NWT-001203 (Generic Requirements for the Switched DS1/Switched Fractional DS1 Service Capability from an ISDN Interface (SelectVideo Plus/ISDN)). These documents may be obtained from:

Telcordia Technologies, Inc. 8 Corporate Place, PYA 3A-184 Piscataway, NJ 08854-4156 Telephone: 1-800-521-2673

- 13.3.4 Compatible CPE must be provided at both the originating and terminating locations to successfully complete a SelectVideo Plus call.
- 13.3.5 SelectVideo Plus service, when furnished at the same premises in combination with other local exchange service, shall not be considered to be in conflict with the rules of paralleling service.
- 13.3.6 SelectVideo Plus service shall not be shared or jointly used except under Section 37 (Shared Tenant Service) of the General Exchange Tariff. Resale is prohibited under Section 17 (Rules and Regulations Applying to All Customers' Contracts) of the General Exchange Tariff.
- 13.3.7 Temporary suspension of service at the request of the customer, either partial or complete is not applicable for this offering.
- (MT) 13.3.8 Alternate billing is not available for SelectVideo Plus service.
  - 13.3.9 Service Terms
    - 13.3.9.1 All SelectVideo Plus service components have a minimum service term of one month.
    - 13.3.9.2 The customer shall select a service term for each Control Link and Communication Link of either Month-to-Month, 12, 36 or 60 continuous months. Customers selecting either a 12, 36 or 60 month service term will be required to sign a contract per order. When a Link Extension is required, it will be provided under the same service term as the associated Control Link / Communication Link.

Issued: August 16, 2004 Effective: September 15, 2004

By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

P.S.C. Mo.- No. 38

No Supplement to this tariff will be issued

except for the purpose of canceling this tariff.

Digital Link Services Tariff
Section 13
1st Revised Sheet 2.01
Replacing Original Sheet 2.01

SELECT VIDEO PLUS®

REC'D FEB 2 4 2004

(RT) 13.3 REGULATIONS

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(MT) 13.3.1 The following regulations are in addition to other regulations as stated in this and other Company tariffs.

13.3.2 SelectVideo Plus provides for the transmission of data mode calls only.

13.3.3 SelectVideo Plus requires the use of customer provided equipment (CPE) which must be compatible with the Company's equipment and facilities, and is subject to the interface specifications in TR-NWT-000776 (Network Interface Description for ISDN Customer Access) and TR-NWT-001203 (Generic Requirements for the Switched DS1/Switched Fractional DS1 Service Capability from an ISDN Interface (SelectVideo Plus/ISDN)). These documents may be obtained from:

Telcordia Technologies, Inc. 8 Corporate Place, PYA 3A-184 Piscataway, NJ 08854-4156 Telephone: 1-800-521-2673

13.3.4 Compatible CPE must be provided at both the originating and terminating locations to successfully complete a SelectVideo Plus call.

- 13.3.5 SelectVideo Plus service, when furnished at the same premises in combination with other local exchange service, shall not be considered to be in conflict with the rules of paralleling service.
- 13.3.6 SelectVideo Plus service shall not be shared or jointly used except under Section 37 (Shared Tenant Service) of the General Exchange Tariff. Resale is prohibited under Section 17 (Rules and Regulations Applying to All Customers' Contracts) of the General Exchange Tariff.
- 13.3.7 Temporary suspension of service at the request of the customer, either partial or complete is not applicable for this offering.

CANCELLED

Issued: February 24, 2004

Public Service Commission Effective: March 25, 2004

By CINDY BRINKLEY, President-Missouri

Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company

St. Louis, Missouri

Missouri Public

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Digital Link Services Tariff
Section 13
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SELECTVIDEO PLUS

**REC'D AUG 12 2002** 

(MT) 13.3 REGULATIONS (cont'd)

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Service Commission

- 13.3.4 Compatible CPE must be provided at both the originating and terminating locations to successfully complete a SelectVideo Plus call.
- 13.3.5 SelectVideo Plus service, when furnished at the same premises in combination with other local exchange service, shall not be considered to be in conflict with the rules of paralleling service.
- 13.3.6 SelectVideo Plus service shall not be shared or jointly used except under Section 37 (Shared Tenant Service) of the General Exchange Tariff. Resale is prohibited under Section 17 (Rules and Regulations Applying to All Customers' Contracts) of the General Exchange Tariff.
- 13.3.7 Temporary suspension of service at the request of the customer, either partial or complete is not applicable for this offering.

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Issued: August 12, 2002

Effective: September 11, 2002

By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

Mleeouri Public

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Service Commission

Digital Link Services Tariff
Section 13
2nd Revised Sheet 3
Replacing 1st Revised Sheet 3

## SELECTVIDEO PLUS®

(CT)	13.3	REGULATIONS	(cont'	d)
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(AT) 13.3.9 Service Terms (cont'd)

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- 13.3.9.3 Customers selecting the Month-to-Month service term may convert to the 12 month, 36 month or 60 month service term at current tariff rates. Customers converting from a Month-to-Month service term within 60 days from the date their SelectVideo Plus Service is established, will receive a credit equal to the difference in installation charges associated with the Month-to-Month service term and the newly selected service term.
- 13.3.9.4 Customers selecting the 12 month service term may convert to either the 36 month or 60 month service term at current tariff rates. Customers selecting the 36 month service term may convert to the 60 Month service term at current tariff rates.
- 13.3.9.5 Customers converting to a new service term will be required to sign a new contract.
- 13.3.10 Upon expiration of the 12, 36 or 60 month service term, the customer may:
  - (A) Continue service at the current Month to Month service term rate. That rate will be subject to any future changes.
  - (B) Continue service by selecting a new service term for the Control Link and/or Communication Link at the then current rates. The rates for the Control Link and/or Communication Link and any associated Link Extensions will not be subject to rate increases for the duration of the new service term selected by the customer. The customer will be required to sign a new contract.
  - (C) Disconnect the service.

(MT) 13.3.11 Moves

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13.3.11.1 Different Central Office

Customer moves which require the SelectVideo Plus Control Link or Communication Link to be provided from a different central office will be considered a disconnection of service for each Control Link and Communication Link moved. (Refer to Paragraphs 13.7.8.1 and 13.7.8.2 for applicable charges.) Installation charges will apply.

Issued: August 16, 2004 Effective: September 15, 2004

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Digital Link Services Tariff Section 13 1st. Revised Sheet 3

## SELECTVIDEO PLUS

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	13.3	REGULATIONS (Continued)	
(MT)	13.3.8	Alternate billing is not available for SelectVideo Plus service. MO.PUBLIC SERVICE COMM.	
	13.3.9	Service Terms	
	13.3.9.1	All SelectVideo Plus service components have a minimum service term of one month.	
(AT)(MT) (AT) (AT)	13.3.9.2	The customer shall select a service term for each Control Link and Communication Link of either Month-to-Month, 12, 36 or 60 continuous months. Customers selecting either a 12, 36 or 60 month service term will be required to sign a contract per order. When a Link Extension is required, it will be provided under the same service term as the associated Control Link / Communication Link.	
(AT) (AT)	13.3.9.3	Customers selecting the Month-to-Month service term may convert to the 12 Month, 36 Month or 60 Month service term at current tariff rates. Customers converting from a Month-to-Month service term within 60 days from the date their SelectVideo Plus Service is established, will receive a credit equal to the difference in installation charges associated with the Month-to-Month service term and the newly selected service term.	
(AT) (AT) (AT)	13.3.9.4	Customers selecting the 12 Month service term may convert to either the 36 Month or 60 Month service term at current tariff rates. Customers selecting the 36 Month service term may convert to the 60 Month service term at current tariff rates.	
	13.3.9.5	Customers converting to a new service term will be required to sign a new contract.	
(AT)	13.3.10	Upon expiration of the 12, 36 or 60 month service term, the customer may:	
		(A) Continue service at the current Month to Month service term rate. That rate will be subject to any future changes.	
(AT) (AT)		(B) Continue service by selecting a new service term for the Control Link and/or Communication Link at the then current rates. The rates for the Control Link and/or Communication Link and any associated Link Extensions will not be subject to rate increases for the duration of the new service term selected by the customer. The customer will be required to sign a new contract.	
		(C) Disconnect the service.  CANCELLED	
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Digital Link Services Tariff
Section 13

Sheet 3

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SELECTVIDEO PLUS

APR 29 1994

### 13.3 REGULATIONS-(Continued)

MISSOURI Public Service Commission

- 13.3.9.3 Customers selecting the Month-to-Month service term may convert to the 36 Month or 60 Month service term. Customers converting from a Month-to-Month service term within 60 days from the date their SelectVideo Plus Service is established, will receive a credit equal to the difference in installation charges associated with the Month-to-Month service term and the newly selected service term.
- 13.3.9.4 Customers selecting the 36 Month service term may convert to the 60 Month service term.
- 13.3.9.5 Customers converting to a new service term will be required to sign a new contract.
- 13.3.10 Upon expiration of the 36 or 60 month service term, the customer may:
  - (A) Continue service at the current Month to Month service term rate.

    That rate will be subject to any future changes.
  - (B) Continue service by selecting a new service term for the Control Link and/or Communication Link at the current rates. The rates for the Control Link and/or Communication Link will not be subject to rate increases for the duration of the new service term selected by the customer. The customer will be required to sign a new contract.

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  - (C) Disconnect the service.

13.3.11 Moves

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13.3.11.1 Different Central Office

Public Service Commission

Customer moves which require the SelectVideo Plus Control Link or Communication Link to be provided from a different central office will be considered a disconnection of service for each Control Link and Communication Link moved. (Refer to paragraphs 13.7.8.1 and 13.7.8.2 for applicable charges.) Installation charges will apply.

13.3.11.2 Same Central Office

Customer moves which do not require the SelectVideo Plus Control Link or Communication Link to be provided from another central office will not constitute a disconnection of service provided the service is not interrupted. Installation charges will apply.

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JUN.16 1994

Issued:

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Effective:

Digital Link Services Tariff
Section 13
3rd Revised Sheet 4
Replacing 2nd Revised Sheet 4

(CT) SELECTVIDEO PLUS®

- (CT) 13.3 REGULATIONS (cont'd)
- (AT) 13.3.11 Moves (cont'd)

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13.3.11.2 Same Central Office

Customer moves which do not require the SelectVideo Plus Control Link or Communication Link to be provided from another central office will not constitute a disconnection of service provided the service is not interrupted. Installation charges will apply.

- 13.3.12 Customers may transfer SelectVideo Plus Service to a new customer at the same premises upon written concurrence of the Company. In addition, the new customer shall assume all the previous customer's SelectVideo Plus Service indebtedness.
- (MT) 13.3.13 Payment Options(1)
  - 13.3.13.1 Three Payment Options are available for the Control Link, Communication Link and SelectVideo Plus Usage rate elements. SelectVideo Plus customers may select any payment option, however, all components of a SelectVideo Plus Arrangement must be provided under the same payment option.
  - 13.3.13.2 Upon notification to the Company, customers may change payment options for the same service term or for a longer service term, pursuant to Paragraphs 13.3.9.3, 13.3.9.4, and 13.3.9.5, preceding. Billing under the newly selected payment option will commence at the beginning of the customer's next billing period at the rates in effect on the billing date.
  - 13.3.14 Usage Packages(1)
    - 13.3.14.1 Customers selecting Payment Option 2 will be required to select an accompanying usage Package for their SelectVideo Plus usage.
    - 13.3.14.2 The customer may opt to change usage packages upon notification to the Company. Billing under the newly selected usage package will commence at the beginning of the customer's next billing period at the rates in effect on the billing date.
  - (1) SelectVideo Payment Option 2, Payment Option 3, and associated Usage Packages are obsolete and only available to existing installations at existing locations for existing customers.

Issued: August 16, 2004 Effective: September 15, 2004

Missouri

P.S.C. Mo.- No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 13
2nd Revised Sheet 4
Replacing 1st Revised Sheet 4

SELECT VIDEO PLUS®

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13.3 REGULATIONS (Continued)

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13.3.11 Moves

13.3.11.1 Different Central Office

Service Commission

Customer moves which require the SelectVideo Plus Control Link or Communication Link to be provided from a different central office will be considered a disconnection of service for each Control Link and Communication Link moved. (Refer to paragraphs 13.7.8.1 and 13.7.8.2 for applicable charges.) Installation charges will apply.

13.3.11.2 Same Central Office

Customer moves which do not require the SelectVideo Plus Control Link or Communication Link to be provided from another central office will not constitute a disconnection of service provided the service is not interrupted. Installation charges will apply.

13.3.12 Customers may transfer SelectVideo Plus Service to a new customer at the same premises upon written concurrence of the Company. In addition, the new customer shall assume all the previous customer's SelectVideo Plus Service indebtedness.

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SEP 15 2004

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Public Service Commission

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Issued: February 24, 2004

Effective: March 25, 2004

By CINDY BRINKLEY, President-SBC Missouri
Southwestern Bell Telephone, L.P., d/b/a SBC Missouri
Service Corntril Cion

FILED MAR 25 2004

Digital Link Services Tariff Section 13 1st. Revised Sheet 4

### SELECTVIDEO PLUS

JAR 24 1995 13.3 **REGULATIONS (Continued)** (MT) 13.3.11 Moves MO. PUBLIC SERVICE COMM. 13.3.11.1 Different Central Office Customer moves which require the SelectVideo Plus Control Link or Communication Link to be provided from a different central office will be considered a disconnection of service for each Control Link and Communication Link moved. (Refer to paragraphs 13.7.8.1 and 13.7.8.2 for applicable charges.) Installation charges will apply. 13.3.11.2 Same Central Office Customer moves which do not require the SelectVideo Plus Control Link or Communication Link to be provided from another central office will not constitute a disconnection of service (MT) provided the service is not interrupted. Installation charges will apply. 13.3.12 Customers may transfer SelectVideo Plus Service to a new customer at the same premises upon written concurrence of SWBT. In addition, the new customer shall assume all the previous customer's SelectVideo Plus Service indebtedness. (AT) 13.3.13 Payment Options 13.3.13.1 Three Payment Options are available for the Control Link, Communication Link and SelectVideo Plus Usage rate elements. SelectVideo Plus customers may select any payment option, however, all components of a SelectVideo Plus Arrangement must be provided under the same payment option. Upon notification to SWBT, customers may change payment options for the same service term 13.3,13.2 or for a longer service term, pursuant to Paragraphs 13.3.9.3, 13.3.9.4, and 13.3.9.5, preceding. Billing under the newly selected payment option will commence at the beginning of the customer's next billing period at the rates in effect on the billing date. 13.3.14 Usage Packages 13.3.14.1 Customers selecting Payment Option 2 will be required to select an accompanying usage Package for their SelectVideo Plus usage. 13.3.14.2 The customer may opt to change usage packages upon notification to SWBT. Billing under the newly selected usage package will commence at the beginning of the customer's next billing period at the rates in effect on the billing date. (AT) MAR 2 5 2004 (MT) FEB 241995 Effective:

Issued:

WILKINS, JR., President-Missolifildlic Service Commission

Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff Section 13

RECEIVED Sheet 4

SELECTVIDEO PLUS

APR 29 1994

13.3 REGULATIONS-(Continued)

MISSOURI

13.3.12 Customers may transfer SelectVideo Plus SerPindia Service Costomerical the same premises upon written concurrence of SWBT. In addition, the new customer shall assume all the previous customer's SelectVideo Plus Service indebtedness.

### 13.4 RESPONSIBILITY OF THE CUSTOMER

- 13.4.1 Where SelectVideo Plus service is available for use in connection with terminal equipment or communication systems provided by a customer or user, the operating characteristics of such equipment or systems shall be such as not to interfere with any of the services offered by SWBT. Such use is subject to the further provisions that the equipment provided by a customer or user does not endanger the safety of SWBT employees or the public; damage or require alteration of the equipment or other services of SWBT; interfere with the proper functioning of such equipment or services; impair the operation of SWBT's equipment; or otherwise injure the public in its use of SWBT services. Upon notice from SWBT that the equipment provided by the customer or user is causing, or is likely to cause, such hazard or interference, the customer shall immediately take such steps as shall be necessary to remove or prevent such hazard or interference. All customer equipment must comply with FCC Rules and Regulations Part 68.
- 13.4.2 The customer, upon request, shall furnish such information as may be required to permit SWBT to design and maintain the SelectVideo Plus service it offers and to assure that the service arrangement is in accordance with the regulations contained herein.
- The customer shall insure the continuing compatibility of the easinmer 13.4.3 provided terminal and data unit equipment that is used in conjunction with the SelectVideo Plus service.

13.5 RESPONSIBILITY OF SWBT

BY 1st R.S. #4

FEB 241995

The responsibility of SWBT shall be limited to the Digraff SWBT Commission 13.5.1 network equipment suitable for SelectVideo Plus service ManaStheR! maintenance and operation of such equipment in a manner proper for such service. Subject to this responsibility SWBT shall not be responsible for the through-transmission of signals generated by customer-provided equipment or systems or for the quality of, or defects in, such transmission or the reception of signals by such equipment or systems. SWBT shall not be responsible for installation, operation or maintenance of any terminal equipment, data unit or communications systems provided by a customer or user. SWBT is not responsible for adapting SelectVideo Plus service to the technological requirements of any specific customer equipment.

Issued:

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Effective: Jun

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No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 13
1st Revised Sheet 4.01
Replacing Original Sheet 4.01

(CT) SELECTVIDEO PLUS®

# (MT) (MT) 13.4 RESPONSIBILITY OF THE CUSTOMER

- 13.4.1 Where SelectVideo Plus service is available for use in connection with terminal equipment or communication systems provided by a customer or user, the operating characteristics of such equipment or systems shall be such as not to interfere with any of the services offered by the Company. Such use is subject to the further provisions that the equipment provided by a customer or user does not endanger the safety of Company employees or the public; damage or require alteration of the equipment of other services of the Company; interfere with the proper functioning of such equipment or services; impair the operations of the Company's equipment; or otherwise injure the public in its use of Company services. Upon notice from the Company that the equipment provided by the customer or user is causing, or is likely to cause, such hazard or interference, the customer shall immediately take such steps as shall be necessary to remove or prevent such hazard or interference. All customer equipment must comply with FCC Rules and Regulations Part 68.
- 13.4.2 The customer, upon request, shall furnish such information as may be required to permit the Company to design and maintain the SelectVideo Plus service it offers and to assure that the service arrangement is in accordance with the regulations contained herein.
- 13.4.3 The customer shall insure the continuing compatibility of the customer provided terminal and data unit equipment that is used in conjunction with the SelectVideo Plus Service.

### (CT) 13.5 RESPONSIBILITY OF THE COMPANY

13.5.1 The responsibility of the Company shall be limited to the furnishing of network equipment suitable for SelectVideo Plus service and the maintenance and operation of such equipment in a manner proper for such service. Subject to this responsibility the Company shall not be responsible for the through-transmission of signals generated by customer-provided equipment or systems or for the quality of, or defects in, such transmission or the reception of signals by such equipment or systems. The Company shall not be responsible for installation, operation or maintenance of any terminal equipment, data unit or communications systems provided by a customer or user. The Company is not responsible for adapting SelectVideo Plus service to the technological requirements of any specific customer equipment.

Issued: August 16, 2004 Effective: September 15, 2004

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Digital Link Services Tariff
Section 13
Original Sheet 4.01

SELECT VIDEO PLUS®

REC'D FEB 2 4 2004

(MT) 13.3 REGULATIONS (Continued)

13.3.13 Payment Options(1)

Service Commission

- 13.3.13.1 Three Payment Options are available for the Control Link, Communication Link and SelectVideo Plus Usage rate elements. SelectVideo Plus customers may select any payment option, however, all components of a SelectVideo Plus Arrangement must be provided under the same payment option.
- (CT) 13.3.13.2 Upon notification to the Company, customers may change payment options for the same service term or for a longer service term, pursuant to Paragraphs 13.3.9.3, 13.3.9.4, and 13.3.9.5, preceding. Billing under the newly selected payment option will commence at the beginning of the customer's next billing period at the rates in effect on the billing date.
- (AT) 13.3.14 Usage Packages(1)
  - 13.3.14.1 Customers selecting Payment Option 2 will be required to select an accompanying usage Package for their SelectVideo Plus usage.
  - 13.3.14.2 The customer may opt to change usage packages upon notification to the Company.

    Billing under the newly selected usage package will commence at the beginning of the customer's next billing period at the rates in effect on the billing date.

(AT) (1) SelectVideo Payment Option 2, Payment Option 3, and associated Usage Packages are obsolete
 (AT) and only available to existing installations at existing locations for existing customers.

Issued: February 24, 2004

Effective: March 25, 2004

(MT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 13
2nd Revised Sheet 5
Replacing 1st Revised Sheet 5

(CT) SELECTVIDEO PLUS®

## (MT)(CT) 13.5 RESPONSIBILITY OF THE COMPANY (cont'd)

- (CT)

  13.5.2 The Company shall not be responsible to the customer or user, if changes in any of the equipment, operations, or procedures of the Company used in the provision of SelectVideo Plus service render any facilities provided by a customer or user obsolete or require modifications or alteration of such equipment or system or otherwise affect its use or performance, provided the Company has met any applicable information disclosure requirements.
- (CT) 13.5.3 The Company shall maintain and repair the service which it furnishes. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interfere with any network equipment installed by the Company without prior written consent of the Company.

## (MT) 13.6 SERVICE AVAILABILITY

- 13.6.1 SelectVideo Plus service is available within a suitably equipped primary market area (PMA). A primary market area is an exchange area (as defined in Section 1 Parts 3 and 6 of the Local Exchange Tariff).
- 13.6.2 SelectVideo Plus is available with the following PMAs: St. Louis, Kansas City and Springfield.
- 13.6.3 SelectVideo Plus service does not have available the local calling scopes of optional Extended Area Calling Service, Community Optional Service, Optional Metropolitan Calling Area Service (or any other optional extended area calling service like calling plan).
- 13.6.4 SelectVideo Plus is offered to customers outside of the PMA (but within the same LATA) where existing facilities and operating conditions permit. In such cases, the customer will be required to subscribe to a Link Extension for each Control Link and Communication Link included in their SelectVideo Plus Arrangement.
- 13.6.5 All rates, charges, terms and conditions set forth herein provide for the furnishing of service where suitable facilities and equipment are available in the customer's PMA and do not create an obligation for the Company to construct such facilities or equipment especially for the provision of this service.

Issued: August 16, 2004 Effective: September 15, 2004

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Digital Link Services Tariff
Section 13
1st. Revised Sheet 5
Replacing Original Sheet 5

### SELECTVIDEO PLUS

城和 24 1995 (MT) 13.4 RESPONSIBILITY OF THE CUSTOMER 13.4.1 Where SelectVideo Plus service is available for use in connection with terminal equipment or communication systems provided by a customer or user, the operating characteristics in the communication systems provided by a customer or user, the operating characteristics in the communication systems provided by a customer or user, the operating characteristics in the communication systems are considered by a customer or user, the operating characteristics in the communication of equipment or systems shall be such as not to interfere with any of the services offered by SWBT. Such use is subject to the further provisions that the equipment provided by a customer or user CANCELLED does not endanger the safety of SWBT employees or the public; damage or require alteration of the equipment of other services of SWBT; interfere with the proper functioning of such equipment or services; impair the operations of SWBT's equipment; or otherwise injure the public in its use of SWBT services. upon notice from SWBT that the equipment provided by the customer or user is causing, or is likely to cause, such hazard or interference, the customer shall interference. All customer equipment must comply with FCC Rules and Regulations Part 68. 13.4.2 The customer, upon request, shall furnish such information as may be required to permit SWBT to design and maintain the SelectVideo Plus service it offers and to assure that the service arrangement is in accordance with the regulations contained herein. 13.4.3 The customer shall insure the continuing compatibility of the customer provided terminal and data unit equipment that is used in conjunction with the SelectVideo Plus Service. 13.5 RESPONSIBILITY OF SWBT 13.5.1 The responsibility of SWBT shall be limited to the furnishing of network equipment suitable for SelectVideo Plus service and the maintenance and operation of such equipment in a manner proper for such service. Subject to this responsibility SWBT shall not be responsible for the through-transmission of signals generated by customer-provided equipment or systems or for the quality of, or defects in, such transmission or the reception of signals by such equipment or systems. SWBT shall not be responsible for installation, operation or maintenance of any terminal equipment, data unit or communications systems provided by a customer or user. SWBT is not responsible for adapting SelectVideo Plus service to the technological (MT) requirements of any specific customer equipment. 13.5.2 SWBT shall not be responsible to the customer or user, if changes in any of the equipment, operations, or procedures of SWBT used in the provision of SelectVideo Plus service render any facilities provided by a customer or user obsolete or equire modifications or alteration of such equipment or system or otherwise affect its use or performance, provided SWBT has met any applicable information disclosure requirements. 13.5.3 SWBT shall maintain and repair the service which it furnishes. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interfere with a equipment installed by SWBT without prior written consent of SWBT. (MT)

FEB 2 4 1995

Issued: JAN 2 4 1995

Effective: FEB 2 4 1995

Digital Link Services Tariff Section 13 Sheet 5

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### SELECTVIDEO PLUS

### 13.5 RESPONSIBILITY OF SWBT-(Continued)

- APR 29 1994
- MISSOURI Changes in SWBT shall not be responsible to the customer or user in changes in any of the equipment, operations, or procedures of SWBT used in the 13.5.2 provision of SelectVideo Plus service render any facilities provided by a customer or user obsolete or require modifications or alteration of such equipment or system or otherwise affect its use or performance, provided SWBT has met any applicable information disclosure requirements.
- 13.5.3 SWBT shall maintain and repair the service which it furnishes. The customer or user may not rearrange, disconnect, remove na week to repair, remote test or interfere with any network equipment installed by SWBT without prior written consent of SWBT. FEB 241995

#### 13.6 SERVICE AVAILABILITY

- SelectVideo Plus service is available within a suitably badinge Commission 13.6.1 primary market area (PMA). A primary market area is directly exchange latea (as defined in Section 1 Parts 3 and 6 of the Local Exchange Tariff).
- 13.6.2 SelectVideo Plus is available within the following PMAs: St. Louis and Kansas City.
- 13.6.3 SelectVideo Plus service does not have available the local calling scopes of optional Extended Area Calling Service, Community Optional Service, Optional Metropolitan Calling Area Service (or any other optional extended area calling service like calling plan).
- 13.6.4 SelectVideo Plus is offered to customers outside of the PMA (but within the same LATA) where existing facilities and operating conditions permit. In such cases, the customer will be required to subscribe to a Link Extension for each Control Link and Communication Link included in their SelectVideo Plus Arrangement.
- 13.6.5 All rates, charges, terms and conditions set forth herein provide for the furnishing of service where suitable facilities and equipment are available in the customer's PMA and do not create an obligation for the Company to construct such facilities or equipment especially for the provision of this service.

### 13.7 APPLICATION OF RATES AND CHARGES

A minimum of one Control Link is required per SelectVideo Arrangement 13.7.1 This minimum configuration will provide digital connections tra Kbps to 1472 Kbps in increments of 64 Kbps. In order to transmit. 1536 Kbps, the SelectVideo Plus Arrangement must include at least one Control Link and one Communication Link. A SelectVideo Plusjun 16 1994 Arrangement can consist of any combination of Control Links and Communication Links.

MISSOURI Public Service Commission MAY 0 2 1994 Issued: Effective: By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations

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(MT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Services Tariff Section 13 3rd Revised Sheet 6 Replacing 2nd Revised Sheet 6

(CT) SELECTVIDEO PLUS®

### (MT) 13.7 APPLICATION OF RATES AND CHARGES

- 13.7.1 A minimum of one Control Link is required per SelectVideo Arrangement. This minimum configuration will provide digital connections from 64 kbps to 1472 kbps in increments of 64 Kbps. In order to transmit at 1536 Kbps, the SelectVideo Plus Arrangement must include at least one Control Link and one Communication Link. A SelectVideo Plus Arrangement can consist of any combination of Control Links and Communication Links.
- 13.7.2 SelectVideo Plus usage rates apply per originating minute of use per call.
- 13.7.3 Timing of a SelectVideo Plus call shall begin when an answer signal is received from the called party. Completion of a SelectVideo Plus call is signified when a disconnect signal is received from either the calling or called party.
- 13.7.4 SelectVideo Plus usage charges shall apply per each minute or fraction there of that each SelectVideo Plus call is connected. The minimum duration for a SelectVideo Plus call shall be one minute.
- 13.7.5 A Link Extension is charged in addition to the monthly rate for the associated Control Link or Communication Link. The Access Link Extension must be associated with and ordered at the same time as the Control Link or Communication Link.
- 13.7.6 The SelectVideo Plus Control Link, Communication Link, and Link Extension rates will not be subject to rate increases for the duration of the 12, 36, or 60 month term selected by the customer, except, however, the customer may experience a rate increase if the customer chooses to change Payment Options or Usage Packages, pursuant to Paragraphs 13.3.13.2 and 13.3.14.2, preceding.
- 13.7.7 Optional Deferred Payment of installation Charges and/or Special Construction Charges is available only for customers selecting the 12, 36, or 60 Month Service Term.
- Before Service is established, the customer may request to spread all the installation 13.7.7.1 charges (including the installation charges associated with optional features) and/or Special Construction Charges over a payment period of either 12, 24, 36, 48 or 60 months but not to exceed the 12, 36, or 60 month service term. The customer cannot change the deferred payment term. The deferred monthly charge will equal the installation charges and/or special construction charges multiplied by the appropriate annuity factor as specified in Section 17 of the General Exchange Tariff.

Issued: August 16, 2004 Effective: September 15, 2004

Digital Link Services Tariff Section 13 2nd Revised Sheet 6 Replacing 1st Revised Sheet 6

## SELECTVIDEO PLUS

		13.6	SERVICE AVAILABILITY  AUG 21 1995
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		13.6.1	SelectVideo Plus service is available within a suitably equipped primary market area (PMA). A primary market area is an exchange area (as defined in Section 1 Parts 3 and 6 of the Local Exchange Tariff).
	(AT) (AT)	13.6.2	SelectVideo Plus is available with the following PMAs: St. Louis, Kansas City and Springfield.
CANC	ELLE	13.6.3	SelectVideo Plus service does not have available the local calling scopes of optional Extended Area Calling Service, Community Optional Service, Optional Metropolitan Calling Area Service (or any other optional extended area calling service like calling plan).
SEP 3 3~Ci	1 5 200 <sup>1</sup> 2S <i>Le</i> ce Com SOURI	13.6.4 mission	SelectVideo Plus is offered to customers outside of the PMA (but within the same LATA) where existing facilities and operating conditions permit. In such cases, the customer will be required to subscribe to a Link Extension for each Control Link and Communication Link included in their SelectVideo Plus Arrangement.
Mis	000	13.6.5	All rates, charges, terms and conditions set forth herein provide for the furnishing of service where suitable facilities and equipment are available in the customer's PMA and do not create an obligation for the Company to construct such facilities or equipment especially for the provision of this service.
		13.7	APPLICATION OF RATES AND CHARGES
		13.7.1	A minimum of one Control Link is required per SelectVideo Arrangement. This minimum configuration will provide digital connections from 64 kbps to 1472 kbps in increments of 64 Kbps. In order to transmit at 1536 Kbps, the SelectVideo Plus Arrangement must include at least one Control Link and one Communication Link. A SelectVideo Plus Arrangement can consist of any combination of Control Links and Communication Links.
		13.7.2	SelectVideo Plus usage rates apply per originating minute of use per call.
		13.7.3	Timing of a SelectVideo Plus call shall begin when an answer signal is received from the called party. Completion of a SelectVideo Plus call is signified when a disconnect signal is received from either the calling or called party.
		13.7.4	SelectVideo Plus usage charges shall apply per each minute or fraction there of that each SelectVideo Plus call is connected. The minimum duration for a SelectVideo Plus call shall be one minute.
		13.7.5	A Link Extension is charged in addition to the monthly rate for the associated Control Link or Communication Link. The Access Link Extension must be associated with and ordered at the same time as the Control Link or Communication Link.

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AUG 2 1 1995 Issued:

SEP 21 Effective:

Digital Link Services Tariff Section 13 1st. Revised Sheet 6 Replacing Original Sheet 6

## SELECTVIDEO PLUS

(MT)	13.6	SERVICE AVAILABILITY	JAN 24 1995
1	13.6.1	SelectVideo Plus service is available within a suitably equipper primary market area is an exchange area (as defined in Section Exchange Tariff).	ped primary market area (PMA). A primary market area (PMA). A primary market area (PMA). A primary market area (PMA).
	13.6.2	SelectVideo Plus is available with the following PMAs: St. I	Louis and Kansas City.
	13.6.3	SelectVideo Plus service does not have available the local ca Area Calling Service, Community Optional Service, Optiona (or any other optional extended area calling service like calli	d Metropolitan Calling Area Service
	13.6.4	SelectVideo Plus is offered to customers outside of the PMA existing facilities and operating conditions permit. In such c to subscribe to a Link Extension for each Control Link and C their SelectVideo Plus Arrangement.	ases, the customer will be required
	13.6.5	All rates, charges, terms and conditions set forth herein prov where suitable facilities and equipment are available in the c obligation for the Company to construct such facilities or eq of this service.  APPLICATION OF RATES AND CHARGES	ustomers MA and do not create an uipment especially for the provision
	13.7	APPLICATION OF RATES AND CHARGES	SEP Commission
(MT)	13.7.1	of this service.  APPLICATION OF RATES AND CHARGES  A minimum of one Control Link is required per SelectVideo configuration will provide digital connections from 64 kbps Kbps. In order to transmit at 1536 Kbps, the SelectVideo Pl least one Control Link and one Communication Link. A Sel consist of any combination of Control Links and Communic	lectVideo Plus Arrangement can
	13.7.2	SelectVideo Plus usage rates apply per originating minute of	f use per call.
	13.7.3	Timing of a SelectVideo Plus call shall begin when an answ party. Completion of a SelectVideo Plus call is signified wh from either the calling or called party.	
	13.7.4	SelectVideo Plus usage charges shall apply per each minute SelectVideo Plus call is connected. The minimum duration one minute.	
	13.7.5	A Link Extension is charged in addition to the monthly rate Communication Link. The Access Link Extension must be same time as the Control Link or Communication Link.	
(MT)			FEB 2 4 1995

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Digital Link Services Tariff Section 13 Sheet 6

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SELECTVIDEO PLUS

APR 29 1994

13.7 APPLICATION OF RATES AND CHARGES-(Continued) MISSOURI

- Public Service Commission SelectVideo Plus usage rates apply per originating minute of use per 13.7.2 call.
- 13.7.3 Timing of a SelectVideo Plus call shall begin when an answer signal is received from the called party. Completion of a SelectVideo Plus call is signified when a disconnect signal is received from either the calling or called party.
- 13.7.4 SelectVideo Plus usage charges shall apply per each minute or fraction there of that each SelectVideo Plus call is connected. The minimum duration for a SelectVideo Plus call shall be one minute.
- 13.7.5 A Link Extension is charged in addition to the monthly rate for the associated Control Link or Communication Link. The Access Link Extension must be associated with and ordered at the same time as the Control Link or Communication Link.
- 13.7.6 The SelectVideo Plus Control Link and Communication Link rates will not be subject to rate increases for the duration of the 36 or 60 month term selected by the customer.
- 13.7.7 Optional Deferred Payment of Installation Charges and/or Special Construction Charges is available only for customers selecting either the 36 or 60 Month Service Term.
- 13.7.7.1 Before Service is established, the customer may request to spread all the installation charges (including the installation charges associated with optional features) and/or Special Construction Charges over a payment period of either 12, 24, 36, 48 or 60 months but not to exceed the 36 or 60 month service term. The customer cannot change the deferred payment term. The deferred monthly charge will equal the installation charges and/or special construction charges multiplied by CAND tappropriate annuity factor shown below.

Payment Term (in months)

FEB 241995 12 24 48 60 36 0.08879 0.04701 0.03315 0.02627 0.02218

Upon 30-days prior notification to SWBT, the customer may termina the deferred payment term by paying the remaining principal in Tull No credit will be made for interest already paid or accrued JUN .I 6 1994

MAY 0 2 1994 Issued:

Effective:

MISSOURL Service Commission

(AT)

(AT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Services Tariff Section 13 3rd Revised Sheet 7 Replacing 2nd Revised Sheet 7

### SELECTVIDEO PLUS®

- 13.7 APPLICATION OF RATES AND CHARGES (cont'd)
  - 13.7.7 (cont'd)
    - 13.7.7.2 This optional deferred payment is not offered for customers selecting the Month-to-Month service term.
  - 13.7.8 Disconnection of Service Prior to the Expiration of the Service Term.
    - If the customer disconnects a SelectVideo Plus Control Link or Communication Link 13.7.8.1 prior to the expiration of the 12-, 36-, or 60-month service term, a termination charge will be due. Payment of the termination charge does not release the customer from other previous amounts owed to the Company.

For Service Term Agreements which become effective on or after September 15, 2004:

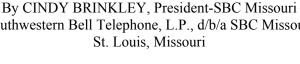
in addition to any unpaid Special Construction or Nonrecurring Charges (excluding waived charges), customer termination liability for cancellation of SelectVideo Plus service shall be equal to fifty percent (50%) of all recurring charges for the remaining months of the customer's Service Term

For Service Term Agreements in effect prior to September 15, 2004:

- the customer shall pay a charge equal to the Control Link or Communication Link rate in effect on the date of the contract times the number of months remaining on the 12, 36, or 60 Month Service Term for each Control Link or Communication Link disconnected. Additional charges will not be applied for any Link Extensions disconnected prior to the expiration of the service term.
- If the customer disconnects a SelectVideo Plus Control Link or Communication Link 13.7.8.2 prior to the expiration of the 12, 36, or 60 month service term and the installation charges and/or special construction charge were deferred at the time service was established (Pursuant to Paragraph 13.7.7.1 above), the customer shall pay a charge equal to the remaining principal on the deferred payment term for each Control Link or Communication Link disconnected
- 13.7.8.3 The provisions of Paragraph 13.7.8.1, above do not apply in the following circumstances:
  - If the customer converts from SelectVideo Plus to SelectData. 1.

Issued: April 18, 2005 Effective: May 18, 2005

> Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri





Digital Link Services Tariff
Section 13
2nd Revised Sheet 7
Replacing 1st Revised Sheet 7

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## SELECTVIDEO PLUS®

(CT) 13.7 APPLIC

13.7 APPLICATION OF RATES AND CHARGES (cont'd)

(MT)

(AT) 13.7.7 (cont'd)

- 13.7.7.2 This optional deferred payment is not offered for customers selecting the Month-to-Month service term.
- 13.7.8 Disconnection of Service Prior to the Expiration of the Service Term.

13.7.8.1 If the customer disconnects a SelectVideo Plus Control Link or Communication Link prior to the expiration of the 12, 36, or 60 month service term, a termination charge will be due. Payment of the termination charge does not release the customer from other previous amounts owed to the Company.

For Service Term Agreements which become effective on or after September 15, 2004:

- in addition to any unpaid Special Construction or Nonrecurring Charges (excluding waived charges), customer termination liability for cancellation of SelectVideo Plus service shall be equal to fifty percent (50%) of all recurring charges for the remaining months of the customer's Service Term

For Service Term Agreements in effect prior to September 15, 2004:

- the customer shall pay a charge equal to the Control Link or Communication Link rate in effect on the date of the contract times the number of months remaining on the 12, 36, or 60 Month Service Term for each Control Link or Communication Link disconnected. Additional charges will not be applied for any Link Extensions disconnected prior to the expiration of the service term.

If the customer disconnects a SelectVideo Plus Control Link or Communication Link prior to the expiration of the 12, 36, or 60 month service term and the installation charges and/or special construction charge were deferred at the time service was established (Pursuant to Paragraph 13.7.7.1 above), the customer shall pay a charge equal to the remaining principal on the deferred payment term for each Control Link or Communication Link disconnected.

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13.7.8.2

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Issued: August 16, 2004

Effective: September 15, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff Section 13 1st. Revised Sheet 7

### **SELECTVIDEO PLUS**

			SELECT VIDEO F LOS
	(MT)	13.7	APPLICATION OF RATES AND CHARGES (Continued) 24 1995
(AT)       (AT)		13.7.6	The SelectVideo Plus Control Link, Communication Link, and Link Extension rates will not be subject to rate increases for the duration of the 12, 36, or 60 mach replication of the 12, 36, or 60 mach replication of the customer, except, however, the customer may experience a rate increase if the customer chooses to change Payment Options or Usage Packages, pursuant to Paragraphs 13.3.13.2 and 13.3.14.2, preceding.
(AT)		13.7.7	Optional Deferred Payment of installation Charges and/or Special Construction Charges is available only for customers selecting the 12, 36, or 60 Month Service Term.
(AT) (AT) (CT) (CT)		13.7.7.1	Before Service is established, the customer may request to spread all the installation charges (including the installation charges associated with optional features) and/or Special Construction Charges over a payment period of either 12, 24, 36, 48 or 60 months but not to exceed the 12, 36, or 60 month service term. The customer cannot change the deferred payment term. The deferred monthly charge will equal the installation charges and/or special construction charges multiplied by the appropriate annuity factor as specified in Section 17 of the General Exchange Tariff.
(RT)	į		CANCELLED
       (RT)	       (MT)	13.7.7.2	SEP 1 5 2004  By Jack T  Public Service Commission  MISSOURI  This optional deferred payment is not offered for customers selecting the Month-to-Month service term.
		13.7.8	Disconnection of Service Prior to the Expiration of the Service Term.
(AT) (AT) (AT) (AT)		13.7.8.1	If the customer disconnects a SelectVideo Plus Control Link or Communication Link prior to the expiration of the 12, 36, or 60 month service term, the customer shall pay a charge equal to the Control Link or Communication Link rate in effect on the date of the contract times the number of months remaining on the 12, 36, or 60 Month Service Term for each Control Link or Communication Link disconnected. Additional charges will not be applied for any Link Extensions disconnected prior to the expiration of the service term.
(AT)		13.7.8.2	If the customer disconnects a SelectVideo Plus Control Link or Communication Link prior to the expiration of the 12, 36, or 60 month service term and the installation charges and/or special construction charge were deferred at the time service was established (Pursuant to Paragraph 13.7.7.1 above), the customer shall pay a charge equal to the remaining principal on the deferred payment term for each Control Link or Communication Link disconnected.
			FEB 2 4 1995
	(MT)		

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Digital Link Services Tariff Section 13

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SELECTVIDEO PLUS

13.7 APPLICATION OF RATES AND CHARGES-(Continued) APR 29 1994

- 13.7.7.2 This optional deferred payment is not offered for customers selecting the Month-to-Month service term. the Month-to-Month service term.
- 13.7.8 Disconnection of Service Prior to the Expiration of the Service Term.
- 13.7.8.1 If the customer disconnects a SelectVideo Plus Control Link or Communication Link prior to the expiration of the 36 or 60 month service term, the customer shall pay a charge equal to the Control Link or Communication Link rate in effect on the date of the contract times the number of months remaining on the 36 or 60 Month Service Term for each Control Link or Communication Link disconnected.
- 13.7.8.2 If the customer disconnects a SelectVideo Plus Control Link or Communication Link prior to the expiration of the 36 or 60 month service term and the installation charges and/or special construction charge were deferred at the time service was established (Pursuant to Paragraph 13.7.7.1 above), the customer shall pay a charge equal to the remaining principal on the deferred payment term for AND FORTYOL Link or Communication Link disconnected.

13.8 RATES AND CHARGES

FEB 241995

SelectVideo Plus Service Components

BY LOV R.S. #7

Monthly	Non Re	curring MISSOUR	ហាហ្ស់ទូទូ
Rate	Initial	Addl. WILDOOD	d
	Unit (1)	Unit (2)	

13.8.1.1 SelectVideo Plus Arrangement

-Control Link, each						ZSWZD
36 Months	\$450.00	\$1,50	00.00	\$	900.00	
60 Months	425.00		00.00	•	900.00	
Month to Month (			20.00	12	,000.00	
-Communication Link,	each					ZSW1X
36 Months	\$450.00	\$1.5	00.00	\$	900.00	
60 Months	425.00		00.00	•	900.00	
Month to Month (	(4) 500.00	•	20.00	12	,000.00	
.8.1.2 Link Extension, each	\$ 50.00	\$	0.00	\$	0.00	_ o wsx

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(1)(2)(4) See Sheet 9

13.

MISSOURI Public Service Commission

Issued: MAY 0 2 1994 Effective:

JUN 1 6 1994

(AT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 13
2nd Revised Sheet 7.01
Replacing 1st Revised Sheet 7.01

#### SELECTVIDEO PLUS®

- (CT) 13.7 APPLICATION OF RATES AND CHARGES (cont'd)
- (AT) 13.7.8 Disconnection of Service Prior to the Expiration of the Service Term (Cont'd)

13.7.8.3 (Cont'd)

2. When the customer with an existing contract converts to another Company provided digital service under a contract term which is equal to or greater than the number of months remaining on the SelectVideo Plus contract being terminated.

13.7.9 Usage Packages(1)

- 13.7.9.1 Payment Option 2 Usage Packages include an allowance of channel minutes. (Channel minutes are equivalent to one minute of use on a single B Channel or one minute of use per 64 Kbps.) The usage allowance applies to SelectVideo Plus IntraPMA and IntraLATA outside the PMA aggregate usage per SelectVideo Plus Arrangement, per month.
- 13.7.9.2 IntraLATA Long Distance Message Telecommunications Service (LD-MTS) charges apply for all IntraLATA outside the PMA calls regardless of whether they are included in the usage package allowance.
- 13.7.9.3 Each call will be converted to channel minutes per call by multiplying the total minutes per call by the number of B channels required for the call. (The number of B channels required for each call can be determined by dividing the call bandwidth by 64.) Channel minutes per call will be accumulated to determine when the usage package allowance has been exhausted for the current billing cycle. The appropriate SelectVideo Plus bandwidth usage rate per minute of use will apply for each subsequent call completed during that billing cycle.
- 13.7.9.4 When the usage package allowance of channel minutes is exceeded in the middle of a call, the remaining channel minutes in excess of the allowance will be converted back to minutes of use by dividing the remaining channel minutes by the number of B channels used for the call. The result of this conversion calculation will be rounded to the next whole minute. The appropriate SelectVideo Plus bandwidth usage rate per minute of use will apply for the portion of the call exceeding the usage package allowance.
- 13.7.10 A billing conversion charge will apply each time a customer changes Payment Options or Usage Packages(1) unless this change is coincident with changing service term pursuant to Paragraphs 13.3.9.3, 13.3.9.4, and 13.3.9.5, preceding. (See Paragraph 13.8.2.4)
- (1) SelectVideo Payment Option 2, Payment Option 3, and associated Usage Packages are obsolete and only available to existing installations at existing locations for existing customers.

Issued: April 18, 2005 Effective: May 18, 2005



Digital Link Services Tariff
Section 13
1st Revised Sheet 7.01
Replacing Original Sheet 7.01

SELECT VIDEO PLUS®

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13.7 APPLICATION OF RATES AND CHARGES (Continued)

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(AT) 13.7.9 Usage Packages(1)

- 13.7.9.1 Payment Option 2 Usage Packages include an allowance of channel-minutes? (Channel) minutes are equivalent to one minute of use on a single B Channel or one minute of use per 64 Kbps.) The usage allowance applies to SelectVideo Plus IntraPMA and IntraLATA outside the PMA aggregate usage per SelectVideo Plus Arrangement, per month.
- 13.7.9.2 IntraLATA Long Distance Message Telecommunications Service (LD-MTS) charges apply for all IntraLATA outside the PMA calls regardless of whether they are included in the usage package allowance.
- 13.7.9.3 Each call will be converted to channel minutes per call by multiplying the total minutes per call by the number of B channels required for the call. (The number of B channels required for each call can be determined by dividing the call bandwidth by 64.) Channel minutes per call will be accumulated to determine when the usage package allowance has been exhausted for the current billing cycle. The appropriate SelectVideo Plus bandwidth usage rate per minute of use will apply for each subsequent call completed during that billing cycle.
- 13.7.9.4 When the usage package allowance of channel minutes is exceeded in the middle of a call, the remaining channel minutes in excess of the allowance will be converted back to minutes of use by dividing the remaining channel minutes by the number of B channels used for the call. The result of this conversion calculation will be rounded to the next whole minute. The appropriate SelectVideo Plus bandwidth usage rate per minute of use will apply for the portion of the call exceeding the usage package allowance.

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  13.7.10 A billing conversion charge will apply each time a result of the minutes of use will apply apply each time a result of the minutes.

A billing conversion charge will apply each time a customer changes Payment Options or Usage Packages(1) unless this change is coincident with changing service term pursuant to Paragraphs 13.3.9.3, 13.3.9.4, and 13.3.9.5, preceding. (See paragraph 13.8.2.4)

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(AT)

(1) SelectVideo Payment Option 2, Payment Option 3, and associated Usage Packages are obsolete and only available to existing installations at existing locations for existing customers.

Issued: February 24, 2004

Effective: March 25, 2004

Digital Link Services Tariff Section 13 Original Sheet 7.01

#### SELECTVIDEO PLUS

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13.7 APPLICATION OF RATES AND CHARGES (Continued)

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- 13.7.9 Usage Packages
- Payment Option 2 Usage Packages include an allowance of channel minutes. (Channel minutes are equivalent to one minute of use on a single B Channel or one minute of use per 64 Kbps.)

  The usage allowance applies to SelectVideo Plus IntraPMA and IntraLATA outside the PMA aggregate usage per SelectVideo Plus Arrangement, per month.
- 13.7.9.2 IntraLATA Long Distance Message Telecommunications Service (LD-MTS) charges apply for all IntraLATA outside the PMA calls regardless of whether they are included in the usage package allowance.
- 13.7.9.3 Each call will be converted to channel minutes per call by multiplying the total minutes per call by the number of B channels required for the call. (The number of B channels required for each call can be determined by dividing the call bandwidth by 64.) Channel minutes per call will be accumulated to determine when the usage package allowance has been exhausted for the current billing cycle. The appropriate SelectVideo Plus bandwidth usage rate per minute of use will apply for each subsequent call completed during that billing cycle.
- 13.7.9.4 When the usage package allowance of channel minutes is exceeded in the middle of a call, the remaining channel minutes in excess of the allowance will be converted back to minutes of use by dividing the remaining channel minutes by the number of B channels used for the call. The result of this conversion calculation will be rounded to the next whole minute. The appropriate SelectVideo Plus bandwidth usage rate per minute of use will apply for the portion of the call exceeding the usage package allowance.
- 13.7.10 A billing conversion charge will apply each time a customer changes Payment Options or Usage Packages unless this change is coincident with changing service term pursuant to Paragraphs 13.3.9.3, 13.3.9.4, and 13.3.9.5, preceding. (See paragraph 13.8.2.4)

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FEB 2 4 1995

Issued: JAN 2 4 1995

MISSOURI Effective: PEBli@Ser(1995 Commission

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Digital Link Services Tariff
Section 13
5th Revised Sheet 7.02
Replacing 4th Revised Sheet 7.02

#### SELECT VIDEO PLUS®

#### 13.8 RATES AND CHARGES

#### 13.8.1 Select Video Plus Service Components

#### 13.8.1.1 Select Video Plus Arrangement

		Nonrecurring				
		Monthly		Initial Unit	Additional Unit	
		Rate		(1)(4)	(2)(4)	<u>USOC</u>
-	Control Link, each					
	Payment Option 1					<b>ZSWZD</b>
	12 Months	\$ 600.00(N	R)	\$2,000.00	\$1,500.00	
	36 Months	560.00		1,500.00	900.00	
	60 Months	525.00		1,500.00	900.00	
	Month to Month	625.00		5,000.00	4,500.00	
	Payment Option 2(7)					ZSW2D
	12 Months	435.00		2,000.00	1,500.00	
	36 Months	375.00		1,500.00	900.00	
	60 Months	345.00(N	R)	1,500.00	900.00	
	Payment Option 3 (5)(7)					ZSW3D
	12 Months	4,500.00		2,000.00	1,500.00	
	36 Months	4,300.00		1,500.00	900.00	
	60 Months	4,000.00		1,500.00	900.00	
		•		•		

(1) (2) (4) (5) (7) See Sheet 9

Issued: June 10, 2004 Effective: July 10, 2004



P.S.C. Mo.- No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 13
4th Revised Sheet 7.02
Replacing 3rd Revised Sheet 7.02

SELECT VIDEO PLUS®

Missouri Public

13.8 RATES AND CHARGES

13.8.1 Select Video Plus Service Components

REC'D FEB 2 4 2004

13.8.1.1 Select Video Plus Arrangement

Service Commission

		Nonrecurring			
		Monthly	Initial Unit	Add'l Unit	
(RT)		Rate	(1)(4)	(2)(4)	<u>USOC</u>
	- Control Link, each				
	Payment Option 1				ZSWZD
	12 Months	\$ 560.00	\$2,000.00	\$1,500.00	
	36 Months	520.00	1,500.00	900.00	
	60 Months	490.00	1,500.00	900.00	
	Month to Month	580.00	5,000.00	4,500.00	
(AT)	Payment Option 2(7)				ZSW2D
	12 Months	405.00	2,000.00	1,500.00	
	36 Months	350.00	1,500.00	900.00	
	60 Months	320.00	1,500.00	900.00	
(AT)	Payment Option 3 (5)(7)				ZSW3D
	12 Months	4,500.00	2,000.00	1,500.00	
	36 Months	4,300.00	1,500.00	900.00	
	60 Months	4,000.00	1,500.00	900.00	

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MISSOURI

(1) (2) (4) (5) (7) See Sheet 9

Issued: February 24, 2004

Effective: March 25, 2004

Digital Link Services Tariff
Section 13
3rd Revised Sheet 7.02
Replacing 2nd Revised Sheet 7.02

SELECT VIDEO PLUS<sup>SM</sup>

13.8 RATES AND CHARGES

Missouri Public Service Commission

13.8.1 Select Video Plus Service Components

**REC'D JUN 10 2003** 

13.8.1.1 Select Video Plus Arrangement

	Nonrecurring			
	Monthly	Initial Unit	Add'l Unit	
	Rate	(1)(7)(4)	(2)(7)(4)	<u>USOC</u>
- Control Link, each				
Payment Option 1				ZSWZD
12 Months	\$ 560.00(ÇR)	\$2,000.00	\$1,500.00	
36 Months	520.00	1,500.00	900.00	
60 Months	490.00	1,500.00	900.00	
Month to Month	580.00(CR)	5,000.00	4,500.00	
Payment Option 2				ZSW2D
12 Months	405.00(ÇR)	2,000.00(CR)	1,500.00(CR)	
36 Months	350.00	1,500.00	900.00	
60 Months	320.00(CR)	1,500.00	900.00	
Payment Option 3 (5)				ZSW3D
12 Months	4,500.00	2,000.00	1,500.00	
36 Months	4,300.00	1,500.00	900.00	
60 Months	4,000.00	1,500.00	900.00	

**CANCELLED** 

MAR 2 5 2004

Public Service Commission

(1) (2) (4) (5) (7) See Sheet 9

Issued: June 10, 2003

Effective: July 10, 2003

By CINDY BRINKLEY, President-SBC Missouri Missouri Public Southwestern Bell Telephone, L.P., d/b/a SBC Missouri Service Commission St. Louis, Missouri

FILED JUL 10 2003

Digital Link Services Tariff
Section 13
2nd Revised Sheet 7.02

Replacing 1st Revised Sheet 7.02

SELECT VIDEO PLUS<sup>SM</sup>

Missouri Public

13.8 RATES AND CHARGES

REC'D JUN 1 0 2002

13.8.1 SelectVideo Plus Service Components

Service Commission

13.8.1.1 Select Video Plus Arrangement

	Monthly	Initial Unit	Add'l Unit	
	Rate	<u>(1)(7)(4)</u>	(2)(7)(4)	<u>USOC</u>
-Control Link, each				
Payment Option 1				ZSWZD
12 Months	\$520.00(CR)	\$2,000.00(CR)	\$1,500.00(CR)	
36 Months	485.00(CR)	1,500.00	900.00	
60 Months	455.00(CR)	1,500.00	900.00	
Month to Month	540.00(CR)	5,000.00(CR)	4,500.00(CR)	
Payment Option 2				ZSW2D
12 Months	375.00	6,000.00	5,680.00	
36 Months	325.00	1,500.00	900.00	
60 Months	300.00	1,500.00	900.00	
Payment Option 3 (5)				ZSW3D
12 Months	4,500.00	2,000.00(CR)	1,500.00(CR)	
36 Months	4,300.00	1,500.00	900.00	
60 Months	4,000.00	1,500.00	900.00	

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Missouri Public

FILED JUL 1 0 2002

Service Commission

(MT)

(1)(2)(4)(5)(7) See Sheet 9

Issued: June 10, 2002

Effective: July 10, 2002

By JAN NEWTON, President-Missouri Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff Section 13 1<sup>st</sup> Revised Sheet 7.02 Replacing Original Sheet 7.02

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13.8 RATES AND CHARGES

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13.8.1 SelectVideo Plus Service Companents 2nd RS 7.02

Public Service Commission

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		I demo	MISSOURI	Non R	Recurring	
			<b>Monthly</b>	<u>Initial</u>	<u>Addl.</u>	<u>USOC</u>
(AT)			Rate	<u>Unit (1) (7) (4)</u>	<u>Unit (2) (7) (4)</u>	
	13.8.1.1	SelectVideo Plus Arrangement				
		-Control Link, each				
		Payment Option 1				ZSWZD
		12 Months	\$485.00	\$6,000.00	\$5,680.00	
		36 Months	450.00	1,500.00	900.00	
		60 Months	425.00	1,500.00	900.00	
(RT)		Month to Month	500.00	12,320.00	12,000.00	
		Payment Option 2				ZSW2D
		12 Months	\$375.00	\$6,000.00	\$5,680.00	
		36 Months	325.00	1,500.00	900.00	
		60 Months	300.00	1,500.00	900.00	
		Payment Option 3 (5)				ZSW3D
		12 Months	\$4,500.00	\$3,000.00	\$2,680.00	
		36 Months	4,300.00	1,500.00	900.00	
		60 Months	4,000.00	1,500.00	900.00	
		-Communication Link, each				
		Payment Option 1				ZSW1X
		12 Months	\$485.00	\$6000.00	\$5,680.00	
		36 Months	450.00	1,500.00	900.00	
		60 Months	425.00	1,500.00	900.00	
(RT)		Month to Month	500.00	12,320.00	12,000.00	
		Payment Option 2				ZSW4X
		12 Months	\$375.00	\$6,000.00	\$5,680.00	
		36 Months	325.00	1,500.00	900.00	
		60 Months	300.00	1,500.00	900.00	
		Payment Option 3 (5)				ZSW5X
		12 Months	\$4,500.00	\$3,000.00	\$2,680.00	
		36 Months	4,300.00	1,500.00	900.00	
		60 Months	4,000.00	1,500.00	900.00	

(AT) (1) (2) (4) (5) (7) See Sheet 9

Link Extension, each

Issued: FEB 2 6 1997

13.8.1.2

Effective:

\$ 0.00

MAR 28 1997

\$0.00

**OTVSX** 

By KAREN E. JENNINGS, President-Missouri Southwestern Bell Telephone St. Louis, Missouri

\$50.00

MAR 28 1997

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Digital Link Services Tariff Section 13 Original Sheet 7.02

#### SELECTVIDEO PLUS

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#### 13.8 RATES AND CHARGES

### 13.8.1 SelectVideo Plus Service Components

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	(MT)			Monthly	Non Initial	MO. PUBLIC SERVIC	ECOMA
(AT)	Ì			Rate	Unit (1) (7)	Unit (2) (7)	
	   	13.8.1.1	SelectVideo Plus Arrangement	:			
			-Control Link, each				701175
(AT)	İ		Payment Option 1	£405.00	#£ 000 00	<b>\$5</b> ( <b>90</b> 00	ZSWZD
(AT)	Ì		12 Months	\$485.00	\$6,000.00	\$5,680.00	
	ļ		36 Months	450.00	1,500.00	900.00 900.00	
	() (T)		60 Months	425.00	1,500.00		
	(MT)		Month to Month (4)	500.00	12,320.00	12,000.00	
	(AT)		Payment Option 2				ZSW2D
	1		12 Months	\$375.00	\$6,000.00	\$5,680.00	
	ļ		36 Months	325.00	1,500.00	900.00	
	j		60 Months	300.00	1,500.00	900.00	
	1		0	•			ZSW3D
			Payment Option 3 (5)	£4.500.00	£2.000.00	\$2,680.00	ZSW3D
			12 Months 36 Months	\$4,500.00 4,300.00	\$3,000.00 1,500.00	900.00	
	(AT)		60 Months	4,000.00	1,500.00	900.00	
	(AT)		oo Months	4,000.00	1,300.00	900.00	
	(MT)		-Communication Link, each				
(AT)			Payment Option 1				ZSW1X
(AT)	]		12 Months	\$485.00	\$6000.00	\$5,680.00	
	ļ		36 Months	450.00	1,500.00	900.00	
	1		60 Months	425.00	1,500.00	900.00	
	(MT)		Month to Month (4)	500.00	12,320.00	12,000.00	
	(AT)		Payment Option 2				ZSW4X
	\		12 Months	\$375.00	\$6,000.00	\$5,680.00	
	i		36 Months	325.00	1,500.00	900.00	
	j		60 Months	300.00	1,500.00	900.00	
	{		Payment Ontion 2 (5)				ZSW5X
	ŀ		Payment Option 3 (5) 12 Months	\$4,500 WDET	\$3,000.00	\$2,680,00	
	1					The Late of	
	(AT)		60 Months	4.000.00	1,500.00	900.00	
	(A1)		OO MOUTIS	4,000.00	1,500,00 na7	700.00	/ 100E
	(MT)	13.8.1.2	Link Extension, each	MARON ON A	\$ 0.00 2	\$0.00 Z	4 1995 Otvsx
	•		_ >	WITH	ואופסי	# MCCO	IIIDI
				Di lar	Sommission	MISSO Public Service	iuni Commission
		(AT) (1)	(2) (4) (5) (7) See Sheet 9	BY INTERIOR OF Public Service (	JURI	I DOUG SELVICE	Continuosion

Issued: JAN 2 4 1995

Effective: FEB 2 4 1995

Digital Link Services Tariff
Section 13
3rd Revised Sheet 7.03
Replacing 2nd Revised Sheet 7.03

#### SELECT VIDEO PLUS®

#### 13.8 RATES AND CHARGES (cont'd)

#### 13.8.1 Select Video Plus Service Components (cont'd)

#### 13.8.1.1 Select Video Plus Arrangement (cont'd)

		Nonrecu	ırring	
	Monthly	Initial Unit	Additional Unit	
	Rate	(1)(4)	(2)(4)	<u>USOC</u>
- Communication Link, each				
Payment Option 1				ZSW1X
12 Months	\$ 600.00(NR)	\$2,000.00	\$1,500.00	
36 Months	560.00	1,500.00	900.00	
60 Months	525.00	1,500.00	900.00	
Month to Month	625.00	5,000.00	4,500.00	
Payment Option 2(7)				ZSW4X
12 Months	435.00	2,000.00	1,500.00	
36 Months	375.00	1,500.00	900.00	
60 Months	345.00(NR)	1,500.00	900.00	
Payment Option 3(5)(7)				ZSW5X
12 Months	4,500.00	2,000.00	1,500.00	
36 Months	4,300.00	1,500.00	900.00	
60 Months	4,000.00	1,500.00	900.00	
13.8.1.2 Link Extension, each	50.00	N/A	N/A	OTVSX

(1) (2) (4) (5) (7) See Sheet 9

Issued: June 10, 2004 Effective: July 10, 2004



Digital Link Services Tariff Section 13 2nd Revised Sheet 7.03 Replacing 1st Revised Sheet 7.03

SELECT VIDEO PLUS®

Missouri Public

13.8 RATES AND CHARGES (cont'd)

13.8.1 Select Video Plus Service Components (cont'd)

RECD FEB 2 4 2004

13.8.1.1 Select Video Plus Arrangement (cont'd)

Service Commission

		Monthly	Initial Unit	Add'l Unit	
(RT)		<u>Rate</u>	(1)(4)	(2)(4)	<u>USOC</u>
	- Communication Link, each				
	Payment Option 1				ZSW1X
	12 Months	\$ 560.00	\$2,000.00	\$1,500.00	
	36 Months	520.00	1,500.00	900.00	
	60 Months	490.00	1,500.00	900.00	
	Month to Month	580.00	5,000.00	4,500.00	
(AT)	Payment Option 2(7)				ZSW4X
	12 Months	405.00	2,000.00	1,500.00	
	36 Months	350.00	1,500.00	900.00	
	60 Months	320.00	1,500.00	900.00	
(AT)	Payment Option 3(5)(7)				ZSW5X
. ,	12 Months	4,500.00	2,000.00	1,500.00	
	36 Months	4,300.00	1,500.00	900.00	
	60 Months	4,000.00	1,500.00	900.00	
	13.8.1.2 Link Extension, each	50.00	N/A	N/A	OTVSX

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Public Service Commission
MISSOURI

(1) (2) (4) (5) (7) See Sheet 9

Issued: February 24, 2004

Effective: March 25, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Servico Commicoion

FILED MAR 25 2004

Digital Link Services Tariff
Section 13
1st Revised Sheet 7.03
Replacing Original Sheet 7.03

SELECT VIDEO PLUS<sup>SM</sup>

Missouri Public Service Commission

13.8 RATES AND CHARGES (cont'd)

13.8.1 Select Video Plus Service Components (cont'd)

RFN: N JUN 10 2003

13.8.1.1 Select Video Plus Arrangement (cont'd)

	Nonrecurring			
	Monthly	Initial Unit	Add'l Unit	
	<u>Rate</u>	(1)(7)(4)	(2)(7)(4)	<u>USOC</u>
- Communication Link, each				
Payment Option 1				ZSW1X
12 Months	\$ 560.00(CR)	\$2,000.00	\$1,500.00	
36 Months	520.00	1,500.00	900.00	
60 Months	490.00	1,500.00	900.00	
Month to Month	580.00(CR)	5,000.00	4,500.00	
Payment Option 2				ZSW4X
12 Months	405.00(CR)	2,000.00(CR)	1,500.00(CR)	
36 Months	350.00	1,500.00	900.00	
60 Months	320.00(CR)	1,500.00	900.00	
Payment Option 3 (5)				ZSW5X
12 Months	4,500.00	2,000.00	1,500.00	
36 Months	4,300.00	1,500.00	900.00	
60 Months	4,000.00	1,500.00	900.00	
13.8.1.2 Link Extension, each	50.00	N/A	N/A	OTVSX

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(1) (2) (4) (5) (7) See Sheet 9

Issued: June 10, 2003

Effective: July 10, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

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Digital Link Services Tariff Section 13 Original Sheet 7.03

Missouri Public

SELECT VIDEO PLUS<sup>SM</sup>

13.8 RATES AND CHARGES

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13.8.1 SelectVideo Plus Service Components

Service Commission

13.8.1.1 Select Video Plus Arrangement

		Non Recurring			
		Monthly	Initial Unit	Add'l Unit	
		<u>Rate</u>	<u>(1)(7)(4)</u>	(2)(7)(4)	<u>USOC</u>
(MT)	-Communication Link, each				
	Payment Option 1				ZSW1X
	12 Months	520.00(CR)	2,000.00(CR)	1,500.00(CR)	
	36 Months	485.00(CR)	1,500.00	900.00	
İ	60 Months	455.00(CR)	1,500.00	900.00	
	Month to Month	540.00(CR)	5,000.00(CR)	4,500.00(CR)	
	Payment Option 2				ZSW4X
	12 Months	375.00	6,000.00	5,680.00	
	36 Months	325.00	1,500.00	900.00	
	60 Months	300.00	1,500.00	900.00	
	Payment Option 3 (5)				ZSW5X
	12 Months	4,500.00	2,000.00(CR)	1,500.00(CR)	
	36 Months	4,300.00	1,500.00	900.00	
	60 Months	4,000.00	1,500.00	900.00	
(MT)	13.8.1.2 Link Extension, each	50.00	0.00	0.00	OTVSX

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See Sheet 9

Service Commission

Issued: June 10, 2002

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By JAN NEWTON, President-Missouri Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff
Section 13
2nd Revised Sheet 8
Replacing 1st Revised Sheet 8

#### SELECT VIDEO PLUS®

#### 13.8 RATES AND CHARGES - (Continued)

#### 13.8.1.3 SelectVideo Plus Usage

#### Payment Option 1

	SelectVideo Plus Usage,		IntraLATA
(CT)	per minute of use	Intra-PMA	Outside the PMA(3)
	64 Kbps bandwidth	\$ .045	\$ .000
	128 Kbps bandwidth	\$ .090	\$ .065
	192 Kbps bandwidth	\$ .135	\$ .130
	256 Kbps bandwidth	\$ .180	\$ .195
	320 Kbps bandwidth	\$ .225	\$ .260
	384 Kbps bandwidth	\$ .270	\$ .325
	448 Kbps bandwidth	\$ .315	\$ .390
	512 Kbps bandwidth	\$ .360	\$ .455
	576 Kbps bandwidth	\$ .405	\$ .520
	640 Kbps bandwidth	\$ .450	\$ .585
	704 Kbps bandwidth	\$ .495	\$ .650
	768 Kbps bandwidth	\$ .540	\$ .715
	832 Kbps bandwidth	\$ .585	\$ .780
	896 Kbps bandwidth	\$ .630	\$ .845
	960 Kbps bandwidth	\$ .675	\$ .910
	1024 Kbps bandwidth	\$ .720	\$ .975
	1088 Kbps bandwidth	\$ .765	\$1.040
	1152 Kbps bandwidth	\$ .810	\$1.105
	1216 Kbps bandwidth	\$ .855	\$1.170
	1280 Kbps bandwidth	\$ .900	\$1.235
	1344 Kbps bandwidth	\$ .945	\$1.300
	1408 Kbps bandwidth	\$ .990	\$1.365
	1472 Kbps bandwidth	\$1.035	\$1.430
	1536 Kbps bandwidth	\$1.080	\$1.495

(CT) (3) See Sheet 9

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Digital Link Services Tariff Section 13 1st Revised Sheet 8 Replacimer Original

#### **SELECTVIDEO PLUS**

13.8 RATES AND CHARGES - (Continued)

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#### 13.8.1.3 SelectVideo Plus Usage

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(AT)	Payment Option 1		MO. PUBLIC SERVICE COMM.
	SelectVideo Plus Usage,		IntraLATA
(AT)	per minute of use (8)	Intra-PMA	Outside the PMA(3)
	64 Kbps bandwidth	\$.045	\$.000
	128 Kbps bandwidth	\$.090	\$.065
	192 Kbps bandwidth	\$.135	\$.130
	256 Kbps bandwidth	\$.180	\$.195
	320 Kbps bandwidth	\$.225	\$.260
	384 Kbps bandwidth	\$.270	\$.325
	448 Kbps bandwidth	\$.315	\$.390
	512 Kbps bandwidth	\$.360	\$.455
	576 Kbps bandwidth	\$.405	\$.520
	640 Kbps bandwidth	\$.450	\$.585
	704 Kbps bandwidth	\$.495	\$.650
	768 Kbps bandwidth	\$.540	\$.715
	832 Kbps bandwidth	\$.585	\$.780
	896 Kbps bandwidth	\$.630	\$.845
	960 Kbps bandwidth	\$.675	\$.910
	1024 Kbps bandwidth	\$.720	\$.975
	1088 Kbps bandwidth	\$.765	\$1.040
	1152 Kbps bandwidth	\$.810	\$1.105
	1216 Kbps bandwidth	\$.855	\$1.170
	1280 Kbps bandwidth	\$.900	\$1.235
(MT)	1344 Kbps bandwidth	\$.945	\$1.300
4	1408 Kbps bandwidth	\$.990	\$1.365
1	1472 Kbps bandwidth	\$1.035	\$1.430
(MT)	1536 Kbps bandwidth	\$1.080	\$1.495

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(3) (8) See Sheet 9

MISSOURI Public Service Commission

JAN 2 4 1995 Issued:

Effective: FEB 2 4 1995

By HORACE WILKINS, JR., President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

(AT)

Digital Link Services Tariff
Section 13

# RECEIVED Sheet 8

SELECTVIDEO PLUS

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#### 13.8 RATES AND CHARGES-(Continued)

### MISSOURI Public Service Commission

### 13.8.1.3 SelectVideo Plus Usage

SelectVideo Plus Usage, per minute of use	Intra-PMA	IntraLATA Outside the PMA(3)
64 Kbps bandwidth	\$.045	\$.000
128 Kbps bandwidth	\$.090	\$.065
192 Kbps bandwidth	\$.135	\$.130
256 Kbps bandwidth	\$.180	\$.195
320 Kbps bandwidth	\$.225	\$.260
384 Kbps bandwidth	\$.270	\$.325
448 Kbps bandwidth	\$.315	\$.390
512 Kbps bandwidth	\$.360	\$.455
576 Kbps bandwidth	\$.405	\$.520 CANCELLED
640 Kbps bandwidth	\$.450	\$.585 FEB 241 <b>995</b>
704 Kbps bandwidth	\$.495	\$.650 BY jot R.S. #8
768 Kbps bandwidth	\$.540	\$.715 Service Commission MISSOURI
832 Kbps bandwidth	\$.585	\$.780
896 Kbps bandwidth	\$.630	\$.845
960 Kbps bandwidth	\$.675	\$.910
1024 Kbps bandwidth	\$.720	\$.975
1088 Kbps bandwidth	\$.765	\$1.040 FIF
1152 Kbps bandwidth	\$.810	\$1.105
1216 Kbps bandwidth	\$.855	\$1.170 JUN.1 6 1994
1280 Kbps bandwidth	\$.900	\$1.235 MISSOURI Public Service Commission

(3) See Sheet 9

Issued: MAY 0 2 1994

Effective:

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Digital Link Services Tariff Section 13 1st Revised Sheet 8.01 Replacing Original Sheet 8.01

### SELECT VIDEO PLUS®

#### 13.8 RATES AND CHARGES - (Continued)

#### 13.8.1.3 SelectVideo Plus Usage - (Continued)

(AT)	Payment Option 2(7)	Monthly Rate	USOC
	Usage Package A - Includes up to 11,040 channel minutes of intraLATA usage per month, per SelectVideo arrangement	\$425.00	ZPKAX
	SelectVideo Plus Usage,		
	per minute of use in excess of		IntraLATA
(RT)	Usage Package allowance	Intra-PMA	Outside the PMA(3)
	64 Kbps bandwidth	\$.070	\$.000
	128 Kbps bandwidth	\$.140	\$.090
	192 Kbps bandwidth	\$.210	\$.180
	256 Kbps bandwidth	\$.280	\$.270
	320 Kbps bandwidth	\$.350	\$.360
	384 Kbps bandwidth	\$.420	\$.450
	448 Kbps bandwidth	\$.490	\$.540
	512 Kbps bandwidth	\$.560	\$.630
	576 Kbps bandwidth	\$.630	\$.720
	640 Kbps bandwidth	\$.700	\$.810
	704 Kbps bandwidth	\$.770	\$.900
	768 Kbps bandwidth	\$.840	\$.990
	832 Kbps bandwidth	\$.910	\$1.080
	896 Kbps bandwidth	\$.980	\$1.170
	960 Kbps bandwidth	\$1.050	\$1.260
	1024 Kbps bandwidth	\$1.120	\$1.350
	1088 Kbps bandwidth	\$1.190	\$1.440
	1152 Kbps bandwidth	\$1.260	\$1.530
	1216 Kbps bandwidth	\$1.330	\$1.620
	1280 Kbps bandwidth	\$1.400	\$1.710
	1344 Kbps bandwidth	\$1.470	\$1.800
	1408 Kbps bandwidth	\$1.540	\$1.890
	1472 Kbps bandwidth	\$1.610	\$1.980
	1536 Kbps bandwidth	\$1.680	\$2.070
(CT)	(3)(7) See Sheet 9		

Issued: February 24, 2004 Effective: March 25, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff Section 13 Original Sheet 8.01

#### SELECTVIDEO PLUS

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13.8 RATES AND CHARGES - (Continued)

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13.8.1.3 SelectVideo Plus Usage - (Continued)

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<b>Payment</b>	Option	2
1 WY III CHE	Option	~

# MO. PUBLIC SERVICE COMM.

Usage Package A - Includes up to 11,040 channel minutes of intraLATA usage per month, per SelectVideo Plus arrangement	Monthly Rate	USOC
for consolitate time missingenient	\$425.00	ZPKAX
SelectVideo Plus Usage,		IntraLATA
per minute of use in excess of	Intra-PMA	Outside the PMA(3)
Usage Package allowance (8)		, ,
64 Kbps bandwidth	\$.070	\$.000
128 Kbps bandwidth	\$.140	\$.090
192 Kbps bandwidth	\$.210	\$.180
256 Kbps bandwidth	\$.280	\$.270
320 Kbps bandwidth	\$.350	\$.360
384 Kbps bandwidth	\$.420	\$.450
448 Kbps bandwidth	\$.490	\$.540
512 Kbps bandwidth	\$.560	\$.630
576 Kbps bandwidth	\$.630	\$.720
640 Kbps bandwidth	\$.700	\$.810
704 Kbps bandwidth	\$.770	\$.900
768 Kbps bandwidth	\$.840	\$.990
832 Kbps bandwidth	\$.910	\$1.080
896 Kbps bandwidth	\$.980	\$1.170
960 Kbps bandwidth	\$1.050	\$1.260
1024 Kbps bandwidth	\$1.120	\$1.350
1088 Kbps bandwidth	\$1.190	\$1.440
1152 Kbps bandwidth	\$1.260	\$1.530
1216 Kbps bandwidth	\$1.330	\$1.620
1280 Kbps bandwidth	\$1.400	\$1.710
1344 Kbps bandwidth	\$1.470	\$1.800
1408 Kbps bandwidth	\$1.540	\$1.890
1472 Kbps bandwidth	\$1.610	\$1.980
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(3) (8) See Sheet 9

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1536 Kbps bandwidth

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By HORACE WILKINS, JR., President-Missouri

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Southwestern Bell Telephone Company

St. Louis, Missouri

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Digital Link Services Tariff
Section 13
2nd Revised Sheet 8.02
Replacing 1st Revised Sheet 8.02

### SELECT VIDEO PLUS®

#### 13.8 RATES AND CHARGES - (Continued)

#### 13.8.1.3 SelectVideo Plus Usage - (Continued)

(AT)	Payment Option 2(7)	Monthly Rate	USOC
	Usage Package B - Includes up to 16,560 channel minutes of intraLATA usage per month, per SelectVideo arrangement	\$600.00	ZPKBX
	SelectVideo Plus Usage,		
	per minute of use in excess of		IntraLATA
(RT)	Usage Package allowance	Intra-PMA	Outside the PMA(3)
	64 Kbps bandwidth	\$.060	\$.000
	128 Kbps bandwidth	\$.120	\$.080
	192 Kbps bandwidth	\$.180	\$.160
	256 Kbps bandwidth	\$.240	\$.240
	320 Kbps bandwidth	\$.300	\$.320
	384 Kbps bandwidth	\$.360	\$.400
	448 Kbps bandwidth	\$.420	\$.480
	512 Kbps bandwidth	\$.480	\$.560
	576 Kbps bandwidth	\$.540	\$.640
	640 Kbps bandwidth	\$.600	\$.720
	704 Kbps bandwidth	\$.660	\$.800
	768 Kbps bandwidth	\$.720	\$.880
	832 Kbps bandwidth	\$.780	\$.960
	896 Kbps bandwidth	\$.840	\$1.040
	960 Kbps bandwidth	\$.900	\$1.120
	1024 Kbps bandwidth	\$.960	\$1.200
	1088 Kbps bandwidth	\$1.020	\$1.280
	1152 Kbps bandwidth	\$1.080	\$1.360
	1216 Kbps bandwidth	\$1.140	\$1.440
	1280 Kbps bandwidth	\$1.200	\$1.520
	1344 Kbps bandwidth	\$1.260	\$1.600
	1408 Kbps bandwidth	\$1.320	\$1.680
	1472 Kbps bandwidth	\$1.380	\$1.760
	1536 Kbps bandwidth	\$1.440	\$1.840
(CT)	(3)(7) See Sheet 9		

Issued: February 24, 2004 Effective: March 25, 2004



Digital Link Services Tariff Section 13 1st Revised Sheet 8.02 Replacing Original Sheet 8.02

#### SELECTVIDEO PLUS

13.8 RATES AND CHARGES - (Continued)

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13.8.1.3 SelectVideo Plus Usage - (Continued)

MO. PUBLIC SERVICE COMM.

Payment Option 2

Usage Package B - Includes up to 16,560 channel minutes of intraLATA usage per month, per SelectVideo Plus	Monthly . Rate	USOC
arrangement	\$600.00	ZPKBX
SelectVideo Plus Usage,		IntraLATA
per minute of use in excess of	Intra-PMA	Outside the PMA(3)
Usage Package allowance (8)		
64 Kbps bandwidth	\$.060	\$.000
128 Kbps bandwidth	\$.120	\$.080
192 Kbps bandwidth	\$.180	\$.160
256 Kbps bandwidth	\$.240	\$.240
320 Kbps bandwidth	\$.300	\$.320
384 Kbps bandwidth	\$.360	\$.400
448 Kbps bandwidth	\$.420	\$.480
512 Kbps bandwidth	\$.480	\$.560
576 Kbps bandwidth	\$.540	\$.640
640 Kbps bandwidth	\$.600	\$.720
704 Kbps bandwidth	\$.660	\$.800
768 Kbps bandwidth	\$.720	\$.880
832 Kbps bandwidth	\$.780	\$.960
896 Kbps bandwidth	\$.840	\$1.040
960 Kbps bandwidth	\$.900	\$1.120
1024 Kbps bandwidth	\$.960	\$1.200
1088 Kbps bandwidth	\$1.020	\$1.280
1152 Kbps bandwidth	\$1.080	\$1.360
1216 Kbps bandwidth	\$1.140	\$1.440
1280 Kbps bandwidth	\$1.200	\$1.520
1344 Kbps bandwidth	\$1.260	\$1.600
1408 Kbps bandwidth	\$1.320	\$1.680
1472 Kbps bandwidth	\$1.380	\$1.760
1536 Kbps bandwidth CANCELLED	\$1.440	\$1.840

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(3) (8) See Sheet 9

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Effective:

By HORACE WILKINS, JR., President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff Section 13 Original Sheet 8.02

#### **SELECTVIDEO PLUS**

13.8 RATES AND CHARGES - (Continued)

13.8.1.3 SelectVideo Plus Usage - (Continued)

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Payment Option 2

(AT)

MO. PUBLIC SERVICE COMM.

Usage Package B - Includes up to 16,560 chalmetervior minutes of intraLATA usage paublish, MISSRate USOC

per SelectVideo Plus arrangement

\$600.00

**ZPKBX** 

SelectVideo Plus Usage,		IntraLATA
per minute of use in excess of	Intra-PMA	Outside the PMA(3)
Usage Package allowance (8)		
64 Kbps bandwidth	\$.060	\$.000
128 Kbps bandwidth	\$.120	\$.080
192 Kbps bandwidth	\$.180	\$.160
256 Kbps bandwidth	\$.240	\$.240
320 Kbps bandwidth	\$.300	\$.320
384 Kbps bandwidth	\$.360	\$.400
448 Kbps bandwidth	\$.420	\$.480
512 Kbps bandwidth	\$.480	\$.560
576 Kbps bandwidth	\$.540	\$.640
640 Kbps bandwidth	\$.600	\$.720
704 Kbps bandwidth	\$.660	\$.800
768 Kbps bandwidth	\$.720	\$.880
832 Kbps bandwidth	\$.780	\$.960
896 Kbps bandwidth	\$.840	\$1.040
960 Kbps bandwidth	\$.900	\$1.120
1024 Kbps bandwidth	\$.960	\$1.200
1088 Kbps bandwidth	\$1.020	\$1.280
1152 Kbps bandwidth	\$1.080	\$1.360
1216 Kbps bandwidth	\$1.140	\$1.440
1280 Kbps bandwidth	\$1.200	\$1.520
1344 Kbps bandwidth	\$1.260	\$1.600
1408 Kbps bandwidth	\$1.320	\$1.680
1472 Kbps bandwidth	\$1.380	\$1.760
1536 Kbps bandwidth	\$1.440	\$1.380

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(3) (8) See Sheet 9

(AT)

MISSOURI Public Service Commission FEB 2 4 1995

Effective:

Digital Link Services Tariff Section 13 1st Revised Sheet 8.03 Replacing Original Sheet 8.03

### SELECT VIDEO PLUS®

#### 13.8 RATES AND CHARGES - (Continued)

#### 13.8.1.3 SelectVideo Plus Usage - (Continued)

(AT)	Payment Option 2(7) Usage Package C - Includes up to 34,500 channel minutes of intraLATA usage per month,	Monthly Rate	USOC
	per SelectVideo arrangement	\$935.00	ZPKCX
	SelectVideo Plus Usage,		
	per minute of use in excess of		IntraLATA
(RT)	Usage Package allowance	Intra-PMA	Outside the PMA(3)
	64 Kbps bandwidth	\$.050	\$.000
	128 Kbps bandwidth	\$.100	\$.070
	192 Kbps bandwidth	\$.150	\$.140
	256 Kbps bandwidth	\$.200	\$.210
	320 Kbps bandwidth	\$.250	\$.280
	384 Kbps bandwidth	\$.300	\$.350
	448 Kbps bandwidth	\$.350	\$.420
	512 Kbps bandwidth	\$.400	\$.490
	576 Kbps bandwidth	\$.450	\$.560
	640 Kbps bandwidth	\$.500	\$.630
	704 Kbps bandwidth	\$.550	\$.700
	768 Kbps bandwidth	\$.600	\$.770
	832 Kbps bandwidth	\$.650	\$.840
	896 Kbps bandwidth	\$.700	\$.910
	960 Kbps bandwidth	\$.750	\$.980
	1024 Kbps bandwidth	\$.800	\$1.050
	1088 Kbps bandwidth	\$.850	\$1.120
	1152 Kbps bandwidth	\$.900	\$1.190
	1216 Kbps bandwidth	\$.950	\$1.260
	1280 Kbps bandwidth	\$1.000	\$1.330
	1344 Kbps bandwidth	\$1.050	\$1.400
	1408 Kbps bandwidth	\$1.100	\$1.470
	1472 Kbps bandwidth	\$1.150	\$1.540
	1536 Kbps bandwidth	\$1.200	\$1.610
(CT)	(3)(7) See Sheet 9		

Issued: February 24, 2004 Effective: March 25, 2004



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Digital Link Services Tariff Section 13 Original Sheet 8.03

#### SELECTVIDEO PLUS

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13.8 RATES AND CHARGES - (Continued)

JAN 24 1995

13.8.1.3 SelectVideo Plus Usage - (Continued)

Payment Option 2		MO. PUBLIC SERVICE CO
Usage Package C - Includes up to 34,500 channel minutes of intraLATA usage per month, per SelectVideo Plus arrangement	Monthly Rate	USOC
par sectivities i las allungement	\$935.00	ZPKCX
SelectVideo Plus Usage,		IntraLATA
per minute of use in excess of	Intra-PMA	Outside the PMA(3)
Usage Package allowance (8)		· · · · · · · · · · · · · · · · ·
64 Kbps bandwidth	\$.050	\$.000
128 Kbps bandwidth	\$.100	\$.070
192 Kbps bandwidth	\$.150	\$.140
256 Kbps bandwidth	\$.200	\$.210
320 Kbps bandwidth	\$.250	\$.280
384 Kbps bandwidth	\$.300	\$.350
448 Kbps bandwidth	\$.350	\$.420
512 Kbps bandwidth	\$.400	\$.490
576 Kbps bandwidth	\$.450	\$.560
640 Kbps bandwidth	\$.500	\$.630
704 Kbps bandwidth	\$.550	\$.700
768 Kbps bandwidth	\$.600	\$.770
832 Kbps bandwidth	\$.650	\$.840
896 Kbps bandwidth	\$.700	\$.910
960 Kbps bandwidth	\$.750	\$.980
1024 Kbps bandwidth	\$.800	\$1.050
1088 Kbps bandwidth	\$.850	\$1.120
1152 Kbps bandwidth	\$.900	\$1.190
1216 Kbps bandwidth	\$.950	\$1.260
1280 Kbps bandwidth	\$1.000	\$1.330
1344 Kbps bandwidth	\$1.050	\$1.400
1408 Kbps bandwidth	\$1.100	\$1.470
1472 Kbps bandwidth	\$1.150	\$1.5
1536 Kbps bandwidth	\$1.200	\$1.610

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MISSOURI Public Service Commission

(3) (8) See Sheet 9

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Issued:

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Effective: FEB 2 4 1995

Digital Link Services Tariff
Section 13
1st Revised Sheet 8.04
Replacing Original Sheet 8.04

### SELECT VIDEO PLUS®

#### 13.8 RATES AND CHARGES (cont'd)

#### 13.8.2 Optional Features

				Non Rec	curring	
			Monthly Rate	Initial Unit (1)	Additional <u>Unit (2)</u>	<u>USOC</u>
	13.8.2.1	Back-UP D Channel, each	\$250.00	\$ 200.00	\$ 0.00	ZSWXA
(CT)	13.8.2.2	Additional Telephone Number, each	(6)	(6)	(6)	
	13.8.2.3	Calling Line Identification, each Control Link or Communication Link	100.00	100.00	100.00	ZCE
	13.8.2.4	Billing Conversion Charges		5.00		NR9ZS

(AT) (1)(2)(6) See Sheet 9

Issued: February 24, 2004 Effective: March 25, 2004



Digital Link Services Tariff Section 13 Original Sheet 8.04

#### Missouri Public

#### SELECTVIDEO PLUS

13.8 RATES AND CHARGES (cont'd)

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13.8.2 Optional Features				Non Re	Service Commission		
			Monthly Rate	Initial Unit (1)	Additional <u>Unit (2)</u>	<u>USOC</u>	
(MT)	13.8.2.1	Back-UP D Channel, each	\$250.00	\$ 200.00	\$ 0.00	ZSWXA	
İ	13.8.2.2	Additional Telephone Number, each	(9)	(9)	(9)		
	13.8.2.3	Calling Line Identification, each Control Link or Communication Link	100.00	100.00	100.00	ZCE	
(MT)	13.8.2.4	Billing Conversion Charges		5.00		NR9ZS	

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Issued: August 12, 2002

Effective: September 11, 2002

By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

Missouri Public

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Service Commission

Digital Link Services Tariff
Section 13
4th Revised Sheet 9
Replacing 3rd Revised Sheet 9

#### SELECT VIDEO PLUS®

#### 13.8 RATES AND CHARGES (cont'd)

#### 13.8.2 Optional Features (cont'd)

#### Footnotes

- (1) Applies to the first unit ordered per request, per customer premises, per installation date.
- (2) Applies to all other units ordered in addition to the initial unit per request, per premises, per installation date.
- (3) In addition to the rates for intrastate, intraLATA Long Distance Message Telecommunications Service (LD-MTS).
- (4) The installation charge for customer moves within the same SelectVideo Plus serving office, as described in 13.3.11.2 proceeding, will be equal to the installation charge associated with the 36 month service term.
- (5) Payment Option 3 includes unlimited SelectVideo Plus intraLATA usage. Rates for intrastate, intraLATA Long Distance Message Telecommunications Service (LD-MTS) apply in addition to the Payment Option 3 monthly usage rate.

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- (6) For Additional Telephone Number Rates (<u>Direct Inward Dialing Service</u>), please see General Exchange Tariff Section 13, Paragraph 13.7.1 B.
- (7) SelectVideo Payment Option 2, Payment Option 3, and associated Usage Packages are obsolete and only available to existing installations at existing locations for existing customers.

Issued: February 24, 2004 Effective: March 25, 2004



Digital Link Services Tariff Section 13 3rd Revised Sheet 9 Replacing 2nd Revised Sheet 9

#### SELECTVIDEO PLUS

Missouri Public

13.8 RATES AND CHARGES (cont'd)

13.8.2 Optional Features (cont'd)

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(AT) Footnotes

Service Commission

(MT)

- (1) Applies to the first unit ordered per request, per customer premises, per installation date.
- (2) Applies to all other units ordered in addition to the initial unit per request, per premises, per installation date.
- (3) In addition to the rates for intrastate, intraLATA Long Distance Message Telecommunications Service (LD-MTS).
- (4) The installation charge for customer moves within the same SelectVideo Plus serving office, as described in 13.3.11.2 proceeding, will be equal to the installation charge associated with the 36 month service term.
- (5) Payment Option 3 includes unlimited SelectVideo Plus intraLATA usage. Rates for intrastate, intraLATA Long Distance Message Telecommunications Service (LD-MTS) apply in addition to the Payment Option 3 monthly usage rate.
- (6) Applicable when customer changes Payment Option or Usage Package without changing service term.
- (7) For customers initially ordering this service during the period from March 1, 1995 to June 30, 1995, nonrecurring charges will be deferred for 60 days to allow a customer trial period. Such customers who disconnect service within 60 days from service connection, will not be billed these nonrecurring charges. Such customers who continue service beyond 60 days under a month-to-month or 12 month service term will then be billed all applicable nonrecurring charges. Nonrecurring charges will be waived for such customers who continue service beyond 60 days under a 36 or 60 month service term.
- (8) Customers who initially order service under a 36 or 60 month service term during the period from March 1, 1995 to June 30, 1995 will receive a refund of \$75.00. This refund must be redeemed within one year from the issue date.
- (AT) (9) For Additional Telephone Number Rates (Direct Inward Dialing Service), please see General
   (AT) Exchange Tariff Section 13, Paragraph 13.7.1 B.

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By CINDY BRINKLEY, President-Missouri

Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company

St. Louis, Missouri

Missouri Public

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Digital Link Services Tariff Section 13 2nd Revised Sheet 9 Replacing 1st Revised Sheet 9

#### SELECTVIDEO PLUS

13.8 RATES AND CHARGES (Continued) APR 28 1995

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SE Comm	18510	A	ruces	Initial Unit (1)	Addl. Unit (2)	
Public SWILL TO 13.8	.2.1	Back-up D Channel, each	\$250.00	\$200.00	\$ 0.00	ZSWXA
13.8	3.2.2	Additional Telephone Numbers, each	1.00	10.50	10.50	ZTN
13.8	3.2.3	Calling Line Identification, each Control Link or Communication Link	100.00	100.00	100.00	ZCE
13.8	3.2.4	Billing Conversion Charge (6)		5.00		NR9ZS

- (1) Applies to the first unit ordered per request, per customer premises, per installation date.
- Applies to all other units ordered in addition to the initial unit per request, per premises, per installation date.
- In addition to the rates for intrastate, intraLATA Long Distance Message Telecommunications Service (3) (LD-MTS).
- (4) The installation charge for customer moves within the same SelectVideo Plus serving office, as described in 13.3.11.2 preceeding, will be equal to the installation charge associated with the 36 month service term.
- Payment Option 3 includes unlimited SelectVideo Plus intraLATA usage. Rates for intrastate, intraLATA Long Distance Message Telecommunications Service (LD-MTS) apply in addition to the Payment Option 3 monthly usage rate.
- (6) Applicable when customer changes Payment Option or Usage Package without changing service
- (CT) (7) For customers initially ordering this service during the period from March 1, 1995 to June 30, 1995, nonrecurring charges will be deferred for 60 days to allow a customer trial period. Such customers who disconnect service within 60 days from service connection, will not be billed these nonrecurring charges. Such customers who continue service beyond 60 days under a month-to-month or 12 month service term will then be billed all applicable nonrecurring charges. Nonrecurring charges will be waived for such customers who continue service beyond 60 days under a 36 or 60 month service
- Customers who initially order service under a 36 or 60 month service term during the period (CT) March 1, 1995, to June 30, 1995, will be provided a refund of \$75.00. This refund m within one year from the issue date.

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#### SELECTVIDEO PLUS

13.8 RATES AND CHARGES (Continued) 14 1995

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	Optional Features		MO. PUBLIC SERVICE COMM.			
13.8.2		Monthly Rates	Non Recurring		USOC	
			Initial Unit (1)	Addl. Unit (2)		
13.8.2.1	Back-up D Channel, each	\$250.00	\$200.00	0.00	ZSWXA	
13.8.2.2	Additional Telephone Numbers, each	1.00	10.50	10.50	ZTN	
13.8.2.3	Calling Line Identification, each Control Link or Communication Link	100.00	100.00	100.00	ZCE	
13.8.2.4	Billing Conversion Charge (6)		5.00		NR9ZS	

(1)Applies to the first unit ordered per request, per customer premises, per installation date.

Applies to all other units ordered in addition to the initial unit per request, per premises, per installation date. (2)

In addition to the rates for intrastate, intraLATA Long Distance Message Telecommunications Service (LD-(3)

The installation charge for customer moves within the same SelectVideo Plus serving office, as described in (4) 13.3.11.2 preceeding, will be equal to the installation charge associated with the 36 month service term.

(AT) (5)Payment Option 3 includes unlimited SelectVideo Plus intraLATA usage. Rates for intrastate, intraLATA Long Distance Message Telecommunications Service (LD-MTS) apply in addition to the Payment Option 3 monthly usage rate.

Applicable when customer changes Payment Option or Usage Package without changing service term. (6)

For customers initially ordering this service during the period from March 1, 1995 to May 31, 1995, nonrecurring charges will be deferred for 60 days to allow a customer trial period. Such customers who disconnect service within 60 days from service connection, will not be billed these nonrecurring charges. Such customers who continue service beyond 60 days under a month-to-month or 12 month service term will then be billed all applicable nonrecurring charges. Nonrecurring charges will be waived for such customers who continue service beyond 60 days under a 36 or 60 month service term.

Customers who initially order service under a 36 or 60 month service term during the period March 1, 1995, to May 31, 1995, will be provided a refund of \$75.00. This refund must be redeemed within one year from the issue date.

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CE WILKINS, JR., President-Missouri

Southwestern Bell Telephone Company

St. Louis, Missouri

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SELECTVIDEO PLUS

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13.8 RATES AND CHARGES-(Continued)

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13.8.1.3 SelectVideo Plus Usage-(Continued)

	SelectVideo Plus Usage,			IntraLATA	
	per minute of use	,	Intra-PMA	Outside the P	MA(3)
	1344 Kbps bandwidth		\$.945	\$1.300	
	1408 Kbps bandwidth		\$.990	\$1.365	
	1472 Kbps bandwidth		\$1.035	\$1.430	
	1536 Kbps bandwidth		\$1.080	\$1.495	
13.8.2	Optional Features	Monthly Rate	Nor Initial Unit (1)		USOC
13.8.2.1	Back-up D Channel, each	\$250.00	\$200.00	\$ 0.00	ZSWXA
13.8.2.2	Additional Telephone Numbers each	1.00	10.50	10.50	ZTN
13.8.2.3	Calling Line Identification, each	100.00	100.00	100.00	ZCE
	Control Link or Communication Link	_	MODILLED		רוו בח

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- (1) Applies to the first unit ordered per request, per customer premises, per installation date.
- (2) Applies to all other units ordered in addition to the initial unit per request, per premises, per installation date.
- (3) In addition to the rates for intrastate, intraLATA Long Distance Message Telecommunications Service (LD-MTS).
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BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

14.1 DESCRIPTION AND APPLICATION OF SERVICE

SEP 1 1995

#### 14.1.1 General

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This section covers arrangements that are provided only to qualified customers located in an exchange area served by Southwestern Bell Telephone Company, for use only by educational institutions in Missouri. Arrangements terminating at a non-Southwestern Bell locations will be provided pursuant to the regulations, rates and charges of the other Local Exchange Telephone Company for the portion of the arrangement terminating at the non-Southwestern Bell location.

This service is intended for the exclusive use and purchase by educational institutions to improve the education system in Missouri and encourage economic development.

The rules and regulations of this tariff section are in addition to other rules and regulations as stated in this and other Telephone Company tariffs.

#### 14.1.2 Definitions

For the purpose of this tariff, the following definitions shall apply:

<u>Cluster</u> - A group of at least two, and no more than twelve schools that are located within the same geographical area, share an educational community of interest, a desire to share classroom resources and have agreed through a mutual agreement, pact, or consortium arrangement to join together for purposes of purchasing distance learning service via this tariff.

<u>Control Site</u> - One school site within a cluster of schools that is designated by the school district, college, university and/or other organized group of schools for the purpose of establishing video conferences within a cluster of schools.

<u>Control System</u> - A control system permits a control site within a cluster to control and arrange connections to the Broadband Educational Videoconferencing Service.

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# BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

# 14.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

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# 14.1.2 Definitions (Continued)

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Educational Institution - An educational institution shall be defined as an accredited public or private school in the state of Missouri. Private schools must be accredited by either the Missouri Chapter of the National Federation of Non-Public Schools Accrediting Association, Independent Schools Association of The Central States, Accrediting Association of Bible Colleges, North Central Association of Colleges and Schools, Distance Education and Training Council, and/or the University of Missouri - Columbia. Public schools must be accredited by the Department of Elementary and Secondary Education for the State of Missouri and/or the North Central Association of Colleges and Schools.

<u>Facility Sector</u> - A geographic area as defined by Southwestern Bell Telephone Company for the purpose of provisioning Broadband Educational Videoconferencing Service. Facility sectors within a LATA basically consist of the local toll centers and their subtending offices.

Megacell - A megacell is one million Asynchronous Transfer Mode (ATM) cells.

<u>School Site</u> - A building or buildings used predominately by one education institution or district in its educational efforts.

### 14.1.3 Provision of Service

- A. Broadband Educational Videoconferencing Service provides the near television broadcast quality (Quality 1) video and audio arrangements for point-to-point, multipoint (three or four classrooms) and broadcast conferences (one site able to communicate on a one-way basis with other sites) and interconnectivity to private networks and interexchange carriers at business conference quality comparable to 1.544 Mbps (Quality 2). Point-to-point and multipoint conferences are fully interactive continuous presence, i.e., all sites continuously see and hear all other sites.
- B. A cluster of schools shall be determined by the appropriate school administration(s) or district(s) in conjunction with Southwestern Bell Telephone Company. All sites within a cluster must be located in a

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# BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

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14.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

14.1.2 Definitions (Continued)

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- B. A cluster of schools shall be determined by the appropriate school administration(s) or district(s) in conjunction with Southwestern Bell Telephone Company. All sites within a cluster must be located in a

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BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

14.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

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14.1.2 Definitions (Continued)

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Educational Institution - An educational institution shall be defined as an accredited public or private school in the state of Missouri. Private schools must be accredited by either the Missouri Chapter of the National Federation of Non-Public Schools Accrediting Association, Independent Schools Association of The Central States, North Central Association of Colleges and Schools, and/or the University of Missouri - Columbia. Public schools must be accredited by the Department of Elementary and Secondary Education for the State of Missouri and/or the North Central Association of Colleges and Schools.

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# 14.1.3 Provision of Service

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- B. A cluster of schools shall be determined by the appropriate school administration(s) or district(s) in conjunction with Southwestern Bell Telephone Company. All sites within a cluster be located in a

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BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

14.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

27 1995

14.1.3 Provision of Service (Continued)

B. (Continued)

MO. PUBLIC SERVICE COMM.

single facility sector. More than one school site within a cluster of schools can be designated as a control site for the purpose of establishing video conferences within the cluster, however, only one school site can function as a control site at any given time. The control site is designated by the school district or cluster of schools and must be a subscriber to Broadband Educational Videoconferencing Service within the cluster.

At the control site, the subscriber must provide a personal computer equipped with an Ethernet interface (IEEE 802.3,10baseT) and X-Windows type software to directly access the scheduling system for the cluster. In addition, each site in the cluster may have a personal computer connected to the network, if desired, for scheduling purposes only, with no additional charges for the connectivity.

- C. Broadband Educational Videoconferencing Service provides the required transport, network channel terminating equipment and associated software for A. and B., preceding.
- D. Broadband Educational Videoconferencing Service is available in two configurations, Quad Split Mode and MultiMonitor Mode.
  - 1.) Quad Split Mode

Quad Split Mode provides for a single video and audio signal on multipoint conferences that is divided into four equal quadrants on a monitor(s). Three of the quadrants display a remote classroom. The fourth quadrant is dedicated to a display of the video signal from the on-site classroom. The person in charge of the conference has the ability to control the video signal sent to the remote class sites. Quad Split Mode allows for only one multipoint conference at any one time. Point-to-point conferences may be held concurrently with a multipoint conference and are full screen at each location. A Quad Split Mode cluster arrangement is limited to a maximum of nine participants.

2.) MultiMonitor Mode

MultiMonitor Mode provides for video and audio signals to be broadcast over the Broadband Educational Videoconferencing Service network from each classroom on a multipoint conference to all other multipoint classrooms on the same conference. A video and audio signal is received at each participating classroom from each

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BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE RECEIVED

14.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

SEP 1 1995

14.1.3 Provision of Service (Continued)

MISSCURI Public Service Commission

B. (Continued)

single facility sector. More than one school site within a cluster of schools can be designated as a control site for the purpose of establishing video conferences within the cluster, however, only one school site can function as a control site at any given time. The control site is designated by the school district or cluster of schools and must be a subscriber to Broadband Educational Videoconferencing Service within the cluster.

At the control site, the subscriber must provide a personal computer equipped with an Ethernet interface (IEEE 802.3,10base2) and X-Windows type software to directly access the scheduling system for the cluster. In addition, each site in the cluster may have a personal computer connected to the network, if desired, for scheduling purposes only, with no additional charges for the connectivity.

- C. Broadband Educational Videoconferencing Service provides the required transport, network channel terminating equipment and associated software for A. and B., preceding.
- D. Broadband Educational Videoconferencing Service is available in two DEC 271995 configurations, Quad Split Mode and MultiMonitor Mode.
  - 1.) Quad Split Mode

Quad Split Mode provides for a single video and audio service commission multipoint conferences that is divided into four regular quadrants on a monitor(s). Three of the quadrants display a remote of the quadrants display a remote of the provided into four regular quadrants on the fourth of the contract of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display a remote of the quadrants display as the The fourth quadrant is dedicated to a display of the video signal from the on-site classroom. The person in charge of the conference has the ability to control the video signal sent to the remote class sites. Quad Split Mode allows for only one multipoint conference at any one time. Point-to-point conferences may be held concurrently with a multipoint conference and are full screen at each location. A Quad Split Mode cluster arrangement is limited to a maximum of nine participants.

2.) MultiMonitor Mode

MultiMonitor Mode provides for video and audio signals to be broadcast over the Broadband Educational Videoconferencing Service network from each classroom on a multipoint conference to all other multipoint classrooms on the same conference. A video and audio signal is received at each participating classroom from each

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#### BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

14.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

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14.1.3 Provision of Service (Continued)

SEP 1 1995

D. (Continued)

2.) MultiMonitor Mode (Continued)

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participating classroom, at up to three remote sites. These signals can be displayed on individual monitors or input to a customer-provided quad-split amplifier for display as indicated in a.) above. Multiple multipoint conferences may take place concurrently with multiple point-to-point conferences or any combination of the two on an intra-cluster basis. Only one multipoint conference can take place at any one time on an inter-cluster basis. MultiMonitor Mode clusters are limited to twelve participants.

E. Connectivity

Connectivity of Broadband Educational Videoconferencing Service may be provided as follows:

1.) Intra-Cluster Connectivity

Broadband Educational Videoconferencing Service provides the capability of connectivity between schools in a cluster as an inherent feature of the service. Intra-cluster connectivity is established by the designated control site during establishment and/or rearrangement of a video conference. The customer has two service configurations to choose from as described in 14.1.3, D., preceding. Each school site must purchase an intra-cluster channel termination at the rates found in 14.2.2, A.1., following.

2.) Inter-Cluster Connectivity

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Conferences may be established between clusters. At the option of SWBT, the customer will be provided with the capability to either establish conferences between clusters by contacting the SWBT Broadband Educational Videoconferencing Service Control Center and providing the appropriate information to establish the connection, or establish the conference via direct access to the scheduling system. Connect charges and usage charges will apply as found in 14.2.2, A.2., following.

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BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

14.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

27 1995

14.1.3 Provision of Service (Continued)

E. Connectivity (Continued)

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3.) Connectivity to Sites in Independent Telephone Company Areas

Connectivity with a SWBT BEVS cluster for Quality 1 video and audio arrangements, may be made to sites in Independent Telephone Companies. This connectivity may be made only when the sites being connected are all located within the same facility sector as the SWBT cluster hub. Rates are as found in 14.2.2.A.2 following. The rates and charges for these connections will be for the facilities to the last SWBT serving office. Rates and charges for the facilities required to connect the last SWBT serving office to the Independent Company meet point will be provided via an Individual Case Basis (ICB) arrangement. These ICBs will be priced above incremental unit cost but with no more than 5% contribution.

Connectivity with a SWBT BEVS cluster for Quality 2 business conference quality comparable to 1.544 Mbps, may be made to sites in Independent Telephone Companies, and will be provided via an Individual Case Basis (ICB) arrangement. These ICBs will be priced above incremental cost but with no more than 5% contribution. Conferences may then be established between Broadband Educational Videoconferencing Service cluster(s) and a customer site located in an Independent Telephone Company area.

At the option of SWBT, the customer may establish conferences between clusters by contacting the SWBT Broadband Educational Videoconferencing Service Control Center and providing the appropriate information to establish the connection, or establish the conference via direct access to the scheduling system.

4.) Connectivity to Private Networks or Interexchange Carriers (IXCs)

Connectivity between a Broadband Educational Videoconferencing Service cluster(s) and a private network or an IXC may be provided at 1.544 Mbps via the rates provided in 14.2.2, following. Requests for connectivity in excess of 1.544 Mbps may be provided via an ICB arrangement. At the option of SWBT, the customer may establish conferences between clusters by contacting the SWBT Broadband Educational Videoconferencing Service Control Center and providing the appropriate information to establish the connection, or establish the conference via direct access to the scheduling system.

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BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

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14.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

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14.1.3 Provision of Service (Continued)

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- E. Connectivity (Continued)
  - 3.) Connectivity to Sites in Independent Telephone Company Areas

This connectivity will be provided via an Individual Case Basis (ICB) arrangement. These ICBs will be priced above incremental cost but with no more than 5% contribution. Conferences may then be established between Broadband Educational Videoconferencing Service cluster(s) and a customer site located in an Independent Telephone Company area.

At the option of SWBT, the customer may establish conferences between clusters by contacting the SWBT Broadband Educational Videoconferencing Service Control Center and providing the appropriate information to establish the connection, or establish the conference via direct access to the scheduling system.

4.) Connectivity to Private Networks or Interexchange Carriers (IXCs)

Connectivity between a Broadband Educational Videoconferencing Service cluster(s) and a private network or an IXC may be provided at 1.544 Mbps via the rates provided in 14.2.2, following. Requests for connectivity in excess of 1.544 Mbps may be provided via an ICB arrangement. At the option of SWBT, the customer may establish conferences between clusters by contacting the SWBT Broadband Educational Videoconferencing Service Control Center and providing the appropriate information to establish the connection, or establish the conference via direct access to the scheduling system.

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BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

# 14.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

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# 14.1.3 Provision of Service (Continued)

# F. Ethernet Option

MO. PUBLIC SERVICE COMM.

Broadband Educational Videoconferencing Service (BEVS) provides, as an option, Wide Area Network (WAN) connectivity within the BEVS LATA service area. This optional service is provided via a dedicated native ethernet bit rate (10 Mbps, maximum capacity) and interface connection on the customer's premises. As potentially a part of a larger Ethernet Local Area Network (LAN) on the customer's premises, the BEVs Ethernet option monitors all transmitted frames on the customer's LAN and recognizes when an Ethernet frame is destined for an address that is not local to the customer's LAN. Such remote LAN traffic routes through the SWBT BEVS network to the appropriate remote Ethernet interface and is in turn delivered to the remote LAN for subsequent delivery to the appropriate address. The specifications employed on this option follow the IEEE 802.3 Ethernet standard.

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Charges apply as found in 14.2.2, A.6, following.

- The subscriber to Broadband Educational Videoconferencing Service is responsible for the video hardware and software at all school sites in the cluster, including but not limited to, cameras, monitors, control systems and physical classroom preparation.
- Broadband Educational Videoconferencing Service will be located on the customer's premises at a point that is within 100 feet of the customer's equipment.
- (AT) (AT)
- The subscriber to Broadband Educational Videoconferencing Service is responsible for the provisioning of sufficient space to house the customer premises electronics, including, but not limited to, accessibility for Telephone Company personnel for maintenance and repair, proper temperature control, and easily accessible power sources.

# 14.1.4 Authorized Use

Broadband Educational Videoconferencing Service may be used for the transmission of communications (audio and video) for other purposes in conjunction with the customer's rental or lease of its educational facilities where the service terminates and where the customer's video studio equipment is located. Use of Broadband Educational videoconferencing Service for such purposes is allowed upon payment to Southwestern Bell Telephone Company of the hourly charge set out in 14.2.2, A.7.

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BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

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14.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

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14.1.3 Provision of Service (Continued)

MISSCURI Public Service Commission

F. Ethernet Option

Broadband Educational Videoconferencing Service (BEVS) provides, as an option, Wide Area Network (WAN) connectivity within the BEVS LATA service area. This optional service is provided via a dedicated native ethernet bit rate (10 Mbps, maximum capacity) and interface connection on the customer's premises. As potentially a part of a larger Ethernet Local Area Network (LAN) on the customer's premises, the BEVs Ethernet option monitors all transmitted frames on the customer's LAN and recognizes when an Ethernet frame is destined for an address that is not local to the customer's LAN. Such remote LAN traffic routes through the SWBT BEVS network to the appropriate remote Ethernet interface and is in turn delivered to the remote LAN for subsequent delivery to the appropriate address. The specifications employed on this option follow the IEEE 802.3 Ethernet standard. The physical interface consists of an Attachment Unit Interface (AUI) protocol with a DB-15 connector located on the BEVS interface panel provided by SWBT at the customer's premises. This type interface provides the customer the ability to select the type of wiring they will utilize for their local Ethernet LAN and connection to the interface. Charges apply as found in 14.2.2, A.5., following.

- The subscriber to Broadband Educational Videoconferencing Service is responsible for the video hardware and software at all school sites in the cluster, including but not limited to, cameras, monitors, control systems and physical classroom preparation.
- H. Broadband Educational Videoconferencing Service will be located on the customer's premises at a point that is within 100 feet of the customer's equipment.

# 14.1.4 Authorized Use

Broadband Educational Videoconferencing Service may be used for the transmission of communications (audio and video) for other purposes in conjunction with the customer's rental or lease of its educational facilities where the service terminates and where the customer's video studio equipment is located. Use of Broadband Educational videoconferencing Service for such purposes is allowed upon payment to Southwestern Bell Telephone Company of the hourly 14.2.2, A.7.

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BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

14.2 RATE REGULATIONS (Continued)

SEP 1 1995

14.1.5 Resale of Use to Others

MISSCURI Public Service Commission

Broadband Educational Videoconferencing Service shall not be used for any purpose for which payment or other consideration, direct or indirect, shall be received by the customer, except as outlined in 14.1.4 above.

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14.2 RATE REGULATIONS

14.2.1 General

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A. Channel Termination

Public Service Commission

A channel termination provides for the communications path between a customer designated premises and the serving wire center for that premises within a cluster. One channel termination charge applies per customer designated premises at which the channel is terminated. Rates and charges are as found in 14.2.2 A.1., following.

B. Connect Charges

A connect charge applies per school site for certain connections to Broadband Educational Videoconferencing Service conferences. Rates and appropriate applications are found in 14.2.2, following.

C. Minute of Use Charges

A rate per minute of use applies per school site for certain connections to Broadband Educational Videoconferencing Service conferences. Rates and appropriate applications are found in 14.2.2, following.

D. Service Connection Charges

Service Connection Charges, as found in Section 19 of the General Exchange Tariff, do not apply to Broadband Educational Videoconferencing Service.

E. Minimum Service Period

The minimum service period for Broadband Educational Videoconferencing Service is 5 years. Customers requesting to discontinue services provided in this section of the tariff, any time after one year of service and prior to the expiration of the service period, will incur termination charges calculated as follows: billed monthly rate X number of months remaining in the service period X a 50% Termination Percentage. Customers requesting to discontinue services prior to one year will incur termination charges calculated as above with a Termination Percentage of 100% for the months remaining in the first year and 50% for the remainder of the minimum service period.

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Section 14
Original Sheet 8

# BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

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14.2 RATE REGULATIONS (Continued)

14.2.1 General (Continued)

SEP 1 1995

F. Suspension of Service

MISSCURI
Public Service Commission

Customer initiated suspension of service is not available with Broadband Educational Videoconferencing Service.

G. Prepayment Option

A prepayment option is available based on the Discount Rate specified in Section 17 of the General Exchange Tariff.

H. Additional Rates and Regulations

Rates and regulations for Broadband Educational Videoconferencing Service are in addition to applicable rates and regulations in other tariffs for services used in conjunction with Broadband Educational Videoconferencing Service.

I. Authorized Use in Conjunction with Lease or Rental of Customer's Facilities

The charge for authorized use in conjunction with the lease or rental of the customer's facilities will be applied on an hourly basis for each hour of network usage for each channel termination in use.

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# BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE RECEIVED

# 14.2 RATE REGULATIONS (Continued)

MAY 1 4 1996

# 14.2.2 Rates and Charges

### A. Broadband Educational Video Service

# MISSOURI Public Service Commission

			USOC		Monthly _Rate	Nonrecurring <u>Charge (1)</u>
	1.	Intra-Cluster Channel Termination, per site	<u>0000</u>		Nace	<u> </u>
(CT)		-Quad Split	ETNOD	(CR)	\$1371.00	\$350.00
(AT)		-MultiMonitor Mode	ETNMD	(CR)	1371.00	350.00
	2.	Connectivity to an Independent Telephone Company(2)				
(CT)		- Quality 1 - Quality 2	EDU	(CR)	\$ 756.00 ICB	\$350.00 ICB
					Connect <u>Charge</u>	Rate Per <u>Minute of Use</u>
	3.	Inter-Cluster Connectivity -Digital to Digital			<u>-</u> -	
		-Quality 1			\$5.00	\$0.32
	4.	Connectivity to a private network				
		- Quality 2			\$5.00	\$0.32
		- Quality 1			ICB	ICB
	5.	Connectivity to an Interext	_			
		- Quality 2	LCD		\$5.00	\$0.32
		- Quality 1			ICB	ICB

MAR 0 8 2000 By 3 № R 5 9 Fublic Service Commission MISSOURI

(1) Nonrecurring charges do not apply to the initial installation, but do apply to subsequent moves of a channel termination from one cluster to another within a facility sector. Moves of channel terminations that require a change of facility sector will be done on an ICB basis.

(2) Rates apply for facilities to the last SWBT serving office.

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#### BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

14.2 RATE REGULATIONS (Continued)

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14.2.2 Rates and Charges (Continued)

**MISSOURI Public Service Commission** 

A. Broadband Educational Video Service (Continued)

6. Ethernet Option

	-	<u>USOC</u>	Monthly _Rate	Nonrecurring <u>Charge (1)</u>
a.	Intra-Cluster Channel Termination	ETNED (CR)	\$82.00	First \$25.00 Addl. \$ 3.00
		Connect <u>Charge</u>	Rate Per Megacell of Use(2)	Nonrecurring <u>Charge</u>
				Initial Subsequent Order Order
b.	Inter-Cluster Connectivity	None	\$0.165	First \$35.00 \$25.00 Addl. 3.00 3.00
c.	Connectivity to a private network	ICB	ICB	ICB
d.	Connectivity to an Interexchange carrier	ICB	ICB	ICB

7. Authorized use in Conjunction with Lease or Rental of Customer's Facilities

- Authorized Use (per hour or fraction thereof)

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(1) Nonrecurring charges do not apply to the initial installation, but do apply to subsequent orders per move and/or address change.

(2) Applies to both originating and terminating traffic.

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# BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

# 14.2 RATE REGULATIONS (Continued)

# 14.2.2 Rates and Charges

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	Α.	Bro	adband Educational Video Se	ervice		MO. PURI IC SERVICE COLLEG		
				USOC		Monthly Rate	Nonrecurring NULE COMM. Charge (1)	
		1.	Intra-Cluster Channel Termination, per site -Quad Split -MultiMonitor Mode	ETN	(CR)	\$1550.00 1550.00	\$350.00 350.00	
(FC) (AT)		2.	Connectivity to an Independent Telephone Company(2)					
(AT)			- Quality 1 - Quality 2	EDU	(NR)	\$ 940.00 (NR) ICB	\$350.00 ICB	
(FC)		2	Inter Classes Commentation			Connect Charge	Rate Per Minute of Use	
(FC) (RT)		3.	Inter-Cluster Connectivity -Digital to Digital -Quality 1	y		\$5.00	\$0.32	
		4.	Connectivity to a private network - Quality 2 - Quality 1			\$5.00 ICB	\$0.32 ICB	
		5.	Connectivity to an Interest Carrier - Quality 2 - Quality 1	xchange		\$5.00 ICB JUN 1	\$0.32 ICB 1996 R.S.#9	
						Public Service MISSO	Otturnos	

(1) Nonrecurring charges do not apply to the initial installation, but do apply to subsequent moves of a channel termination from one cluster to another within a facility sector. Moves of channel terminations that require a change of facility sector will be done on an ICB basis.

(AT) (2) Rates apply for facilities to the last SWBT serving office.

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# BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

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14.2 RATE REGULATIONS (Continued)

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14.2.2 Rates and Charges

A. Broadband Educational Video Service

MISSCURI Public Service Commission

		<u>USOC</u>	Monthly <u>Rate</u>	Nonrecurring Charge (1)
1.	Intra-Cluster Channel Termination, per site -Quad Split -MultiMonitor Mode	ETN	\$1550.00 1750.00	\$350.00 350.00
			Connect <u>Charge</u>	Rate Per Minute of Use
2.	Inter-Cluster Connectivity, per site -Digital to Digital -Quality 1	ı	\$5.00	\$0.32
3.	Connectivity to an Independ Telephone Company	dent	ICB	ICB
4.	Connectivity to a private network - Quality 2 - Quality 1		\$5.00 ICB	\$0.32 ICB
5.	Connectivity to an Interex Carrier - Quality 2 - Quality 1	change	\$5.00 CANCELLED	\$0.32 ICB

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(1) Nonrecurring charges do not apply to the initial installation, but do apply to subsequent moves of a channel termination from one cluster to another within a facility sector. Moves of channel terminations that require a change of facility sector will be done on an ICB basis.

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# BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

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14.2 RATE REGULATIONS (Continued)

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14.2.2 Rates and Charges (Continued)

A. Broadband Educational Video Service (Continued)

MO. PUBLIC SERVICE COMM.

Ethernet Option

		<u>USOC</u>	Monthly Rate		lonrecur Charge (	_
a.	Intra-Cluster Channel Termination	ETN (CR)	\$100.00		irst \$25 ldl. \$ 3	
		Connect Charge	Rate Per Megacell of Use(2)			curring arge
					nitial Order	Subsequent Order
b.	Inter-Cluster Connectivity	None	\$0.165	First Addl.	\$35.00 3.00	\$25.00 3.00
с.	Connectivity to a private network	ICB	ICB		ICB	
d.	Connectivity to an Interexchange carrier	ICB	ICB		ICB	

7. Authorized use in Conjunction with Lease or Rental of Customer's Facilities

- Authorized Use (per hour or fraction thereof) \$10

\$10 CANCELLED

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(1) Nonrecurring charges do not apply to the initial installation, but do apply to subsequent orders per move and/or address change.

(2) Applies to both originating and terminating traffic.

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# BROADBAND EDUCATIONAL VIDEOCONFERENCING SERVICE

14.2 RATE REGULATIONS (Continued)

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14.2.2 Rates and Charges (Continued)

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A. Broadband Educational Video Service (Continued)

MISSCURI Public Service Commission

Ethernet Option

		USOC	Monthly Rate	Nonrecurring Charge (1)
a.	Intra-Cluster Channel Termination	ETN	\$425.00	First \$25.00 Addl. \$ 3.00
		Connect <u>Charge</u>	Rate Per Megacell of Use(2)	Nonrecurring <u>Charqe</u> Initial Subsequent Order Order
b.	Inter-Cluster Connectivity	None	\$0.165	First \$35.00 \$25.00 Addl. 3.00 3.00
C.	Connectivity to a private network	ICB	ICB	ICB
đ.	Connectivity to an Interexchange carrier	ICB	ICB	ICB

 Authorized use in Conjunction with Lease or Rental of Customer's Facilities

- Authorized Use (per hour or fraction thereof)

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MISSOURI

(1) Nonrecurring charges do not apply to the initial installation, but do apply to subsequent orders per move and/or address change.

(2) Applies to both originating and terminating traffic.

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Digital Link Services Tariff
Section 15
3rd Revised Sheet 1
Replacing 2nd Revised Sheet 1

# MULTIPOINT VIDEO SERVICE

# 15.1 SERVICE DESCRIPTION

Multipoint Video Service provides video conference capability between multiple locations. Conference participants establish the video conference by dialing into a Telephone Company specified telephone number at a customer selected predetermined date and time. Using compatible customer premises equipment, connections to the Multipoint Control Unit (MCU) are established through public switched digital services including, but not limited to, switched 56 service (MicroLink  $I^R$ ), basic rate ISDN (Digiline  $I^R$ ), primary rate ISDN (SmartTrunk  $I^R$ ), and multi-rate ISDN (SelectVideo Plus  $I^R$ ). Multipoint Video Service can be accessed at transmission speeds up to 1536 Kbps (kilobits per second) in increments of 56/64 Kbps.

(CT) This service is competitively classified.

Issued: February 20, 2002 Effective: March 29, 2002



Digital Link Services Tariff Section 15

Replacing in Revised Sheet !

MULTIPOINT VIDEO SERVICE

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# 15.1 SERVICE DESCRIPTION

# MO. PUBLIC SERVICE COMM

Multipoint Video Service provides video conference capability between multiple locations. Conference participants establish the video conference by dialing into a Telephone Company specified telephone number at a customer selected predetermined date and time. Using compatible customer premises equipment, connections to the Multipoint Control Unit (MCU) are established through public switched digital services including, but not limited to, switched 56 service (MicroLink I<sup>R</sup>), basic rate ISDN (Digiline<sup>SM</sup>), primary rate ISDN (SmartTrunk<sup>SM</sup>), and multirate ISDN (SelectVideo Plus<sup>SM</sup>). Multipoint Video Service can be accessed at transmission speeds up to 1536 Kbps (kilobits per second) in increments of 56/64 Kbps.

(CT) This service was classified as transitionally competitive effective December 24, 1996.

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Digital Link Services Tariff Section 15 1st Revised Sheet 1 Replacing Original Sheet 1

# MULTIPOINT VIDEO SERVICE

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15.1 GENERAL

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15.1.1 SERVICE DESCRIPTION

Multipoint Video Service provides video conference capabili **Prefice Service Commission** locations. Conference participants establish the video conference by dialing into a Telephone Company specified telephone number at a customer selected predetermined date and time. Using compatible customer premises equipment, connections to the Multipoint Control Unit (MCU) are established through public switched digital services including, but not limited to, switched 56 service (MicroLink I<sup>R</sup>), basic rate ISDN (Digiline<sup>SM</sup>), primary rate ISDN (SmartTrunk<sup>SM</sup>), and multi-rate ISDN (SelectVideo Plus<sup>SM</sup>). Multipoint Video Service can be accessed at transmission speeds up to 1536 Kbps (kilobits per second) in increments of 56/64

(CT) at trar (CT) Kbps.

This service is to be treated as Transitionally Competitive pending final determination of the appropriate classification by the Missouri Public Service Commission.

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#### MULTIPOINT VIDEO SERVICE

MAR 27 1995

15.1 **GENERAL** 

> 15.1.1 SERVICE DESCRIPTION

MISSOURI Public Service Commission

Multipoint Video Service provides video conference capability between multiple locations. Conference participants establish the video conference by dialing into a Telephone Company specified telephone number at a customer selected predetermined date and time. Using compatible customer premises equipment, connections to the Multipoint Control Unit (MCU) are established through public switched digital services including, but not limited to, switched 56 service (MicroLink IR), basic rate ISDN (Digiline<sup>SM</sup>), primary rate ISDN (SmartTrunk<sup>SM</sup>), and multi-rate ISDN. (SelectVideo Plus<sup>SM</sup>). Multipoint Video Service can be accessed at the following transmission speeds (kilobits per second): 112/128, 336/384, 768, and 1472/1536.

This service is to be treated as Transitionally Competitive pending final determination of the appropriate classification by the Missouri Public Service Commission.

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Digital Link Services Tariff Section 15 Original Sheet 2

#### MULTIPOINT VIDEO SERVICE

#### 15.2 DEFINITIONS

**Certification:** At the customer's option SWBT will verify the compatibility of customer equipment with SWBT's Multipoint Control Unit in advance of the scheduled video conference. When opted, customer equipment in all locations which will participate in the conference will be certified.

**Conference Control Options:** The following control options are available to customers:

- Voice Activation: The video portion of the call is switched based upon dominant audio level. The person speaking sees the previous speaker; all other participants see the person who is currently the dominant speaker.
- Continuous Presence is available at an additional charge. This optional feature provides for the video signal to be divided into equal sections on the monitor(s) allowing multiple conference participants to be seen simultaneously. Due to limited availability, the customer must request this option when making the video conference reservation. (See paragraph 15.7.4.2 for applicable charges.)

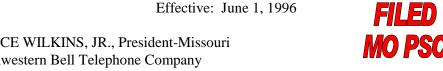
Conference extension: Period of time beyond the scheduled end time of the video conference during which all or some of the ports remain connected.

Conference originator: The customer making the video conference reservation. This customer will be the billed party.

**Extended Set-up:** An optional period of time in excess of the standard 15 minute set-up. If this option is chosen, the customer must request it when arranging the video conference reservation.

Multipoint Control Unit: A central office based unit which provides bridging of three or more video calls using the same bandwidth.

**Port:** Multipoint Control Unit termination point. A port is associated with each video conference site.



Digital Link Services Tariff Section 15 Original Sheet 3

# MULTIPOINT VIDEO SERVICE

# 15.2 DEFINITIONS (Continued)

**Port Minute:** Chargeable unit for Multipoint Video Service conferences. Total port minutes is the sum of minutes of connection time or reserved time, whichever is greater, for all conference sites.

**Reservation center/attendant:** SWBT personnel who serve as the customer interface for scheduling video conference ports and provide coordinating technical video assistance.

**Set-up:** A standard 15 minute period prior to the scheduled start time of the video conference during which all reserved ports will be operational. This period allows the customer to verify that each leg of the video conference is connected properly.



Digital Link Services Tariff Section 15 Original Sheet 4

#### MULTIPOINT VIDEO SERVICE

#### 15.3 REGULATIONS

- 15.3.1 The following regulations are in addition to other regulations as stated in other Southwestern Bell Telephone Company tariffs.
- 15.3.2 Multipoint Video Service will be provided from a suitably equipped serving office. The location of the Multipoint Video serving office is at the Company's discretion. Each conference participant will be responsible for all local/toll charges which would normally apply to calls from their location to the Multipoint Video serving office and all charges applicable to the service(s) used to access the Multipoint Control Unit.
- 15.3.3 To make reservations for a video conference, the customer must call the SWBT reservation center between the hours of 7:00 a.m. and 5:00 p.m. Central Time(1). The customer must provide the following information at the time the reservation is made:
  - date, start time, and duration of conference;
  - number of conference ports needed;
  - transmission speed;
  - any optional features desired (e.g., extended set up, continuous presence);
  - customer billing information.

If conference participant(s) will establish connections using inverse multiplexers, the customer must advise SWBT at the time the reservation is made.

15.3.4 With the continuous presence option, a limited number of conference sites can appear on the monitor(s) simultaneously. Therefore, if the number of ports reserved exceeds this limit, the conference originator must designate which ports should be on the monitor. This information must be provided to SWBT at the time the reservation is made. Ports which are not designated to appear on the monitor will only be heard by the other participants but will receive video of the ports which are designated.

(1) SWBT's reservation center will not be available on weekends or SWBT designated holidays. Availability may be verified by calling the reservation center during its normal hours of operation.

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Digital Link Services Tariff Section 15 Original Sheet 5

#### MULTIPOINT VIDEO SERVICE

# 15.3 REGULATIONS (Continued)

- The minimum reservation period for a video conference is 30 minutes. This minimum period 15.3.5 applies per port reserved and does not include set up time.
- 15.3.6 Upon SWBT acceptance of the conference reservation, the customer will be provided telephone numbers for the conference participants to use to connect to the Multipoint Control Unit.
- All conference participants must connect to the Multipoint Control Unit using the same 15.3.7 bandwidth.
- 15.3.8 If the customer orders extended set up, the same period of time must be ordered for all ports on the video conference.
- Multipoint Video Service charges applicable to all ports will be billed to the conference 15.3.9 originator.
- 15.3.10 When the customer opts for certification of equipment, such certification must be requested by the customer in advance of the first reserved conference date by calling the SWBT reservation center. Customer equipment in all locations which will participate in the conference will be certified. In order to ensure ongoing compatibility for future Multipoint Video conferences, the customer should notify the SWBT reservation center of any additional conference sites or modifications to previously certified equipment and arrange for certification of these sites and affected equipment.
- 15.3.11 Upon notification to SWBT's reservation center and subject to port availability, additional participants may be connected to a video conference in progress. Such participants must originate the connecting call; additional ports cannot be connected through calls originated by existing conference participants.
- 15.3.12 Multipoint Video conferences will be automatically disconnected based upon the scheduled duration. Subject to port availability and provided that SWBT's reservation center is notified prior to disconnection, a video conference may be allowed to continue beyond its originally scheduled duration.
- 15.3.13 Usage Packages
  - 15.3.13.1 The billing party for Multipoint Video Service may choose to subscribe to a usage package. Customers subscribing to usage packages will be required to sign a contract.

Effective: June 1, 1996

Issued: March 27, 1996



(AT)

(AT)

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 15
3rd Revised Sheet 6
Replacing 2nd Revised Sheet 6

#### MULTIPOINT VIDEO SERVICE

# 15.3 REGULATIONS (Continued)

- 15.3.13.2 The contract term for subscription to a usage package is 12, 24, or 36 months. If the customer chooses to discontinue subscription to the usage package prior to the expiration of the contract term, the customer shall pay a charge equal to the usage package rate in effect on the date of the contract times the number of months remaining in the term. This provision does not apply when the customer converts to a higher usage package as specified in 15.3.13.3, below.
- 15.3.13.3 The customer may convert to a higher usage package at any time during the contract term. Customers converting to a higher usage package will be required to sign a new contract. Billing under the newly selected package will commence at the beginning of the customer's next billing period at the rates in effect on the billing date and will continue for a new contract term.
- 15.3.13.4 Customers subscribing to usage packages are subject to port availability and the reservation requirements specified in 15.3.3, preceding.
- 15.3.13.5 In order to ensure that the port minutes of use are attributed to the proper usage package, the customer must provide the billing telephone number/account number with which the usage package is associated each time a conference is reserved. This information must be provided to the SWBT reservation attendant at the time the reservation is made.

# 15.3.14 Missouri School Discount Program

- 15.3.14.1 A discount from standard Multipoint Video Service rates is allowed in connection with service furnished through the Missouri School Discount Program, pursuant to the Video Instructional Development and Educational Opportunity Program, as enacted by the Missouri State Legislature. Application of this discount is specified in Paragraph 15.6.12, following.
- 15.3.14.2 An educational institution is defined as an accredited public or private school in the state of Missouri. Private schools must be accredited by either the Missouri Chapter of the National Federation of non-Public Schools Accrediting Association, Independent Schools Association of The Central States, North Central Association of Colleges and Schools, Accrediting Association of Bible Colleges, Distance Education and Training Council, and/or the University of Missouri Columbia. Public schools must be accredited by the Department of Elementary and Secondary Education for the State of Missouri and/or the North Central Association of Colleges and Schools.

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Issued: September 29, 1997 Effective: November 1, 1997



Digital Link Services Tariff
Section 15
2nd Revised Sheet 6
Replacing 1st Revised Sheet 6

#### MULTIPOINT VIDEO SERVICE

JUL - 9 1997

# 15.3 REGULATIONS (Continued)

# MO. PUBLIC SERVICE COMM

(CT)

(CT)

15.3.13.2 The contract term for subscription to a usage package is 12, 24, or 36 months. If the customer chooses to discontinue subscription to the usage package prior to the expiration of the contract term, the customer shall pay a charge equal to the usage package rate in effect on the date of the contract times the number of months remaining in the term. This provision does not apply when the customer converts to a higher usage package as specified in 15.3.13.3, below.

(CT)

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(CT)

15.3.13.4 Customers subscribing to usage packages are subject to port availability and the reservation requirements specified in 15.3.3, preceding.

15.3.13.5 In order to ensure that the port minutes of use are attributed to the proper usage package, the customer must provide the billing telephone number/account which the usage package is associated each time a conference is reserved. This information must be provided to the SWBT reservation attendant at the time the reservation is made.

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15.3.14.2 An educational institution is defined as an accredited public or private school in the state of Missouri. Private schools must be accredited by either the Missouri Chapter of the National Federation of non-Public Schools Accrediting Association, Independent Schools Association of The Central States, North Central Association of Colleges and Schools, Accrediting Association of Bible Colleges, and/or the University of Missouri - Columbia. Public schools must be accredited by the Department of Elementary and Secondary Education for the State of Missouri and/or the North Central Association of Colleges and Schools.

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Issued: 1111 0 9 1997

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Alfublic Service Commission

Digital Link Services Tariff
Section 15
1st Revised Sheet 6
Replacing Original Sheet 6

## MULTIPOINT VIDEO SERVICE

	MODIN ON VIDEO BENVICE	
15.3	REGULATIONS (Continued)	MAY 1 4 1997
15.3.13.2	The contract term for subscription to a usage package is 12 months. If the contract term for subscription to the usage package prior to the expirat month term, the customer shall pay a charge equal to the usage package rate the date of the contract times the number of months remaining in the term. provision does not apply when the customer converts to a higher usage package rate specified in 15.3.13.3, below.	e in effect on This
15.3.13.3	The customer may convert to a higher usage package at any time during the term. Customers converting to a higher usage package will be required to si contract. Billing under the newly selected package will commence at the best the customer's next billing period at the rates in effect on the billing date and continue for a new 12 month term.	ign a new ginning of
15.3.13.4	Customers subscribing to usage packages are subject to port availability and reservation requirements specified in 15.3.3, preceding.	the
15.3.13.5	In order to ensure that the port minutes of use are attributed to the proper us package, the customer must provide the billing telephone number/account which the usage package is associated each time a conference is reserved information must be provided to the SWBT reservation attendant at the time reservation is made.	the
15.3.14	Missouri School Discount Program	JG - 8 1997  AR S # 6  Commission
15.3.14.1	A discount from standard Multipoint Video Service rates is allowed in What service furnished through the Missouri School Discount Program, program, Instructional Development and Educational Opportunity Program, as enacted Missouri State Legislature. Application of this discount is specified in Paragifollowing.	this raeo ed by the
15.3.14.2 (AT)	An educational institution is defined as an accredited public or private school of Missouri. Private schools must be accredited by either the Missouri Chap National Federation of non-Public Schools Accrediting Association, Independance Association of The Central States, North Central Association of Colleges and Accrediting Association of Bible Colleges, and/or the University of Missour Public schools must be accredited by the Department of Elementary and Sec Education for the State of Missouri and/or the North Central Association of Schools.	eter of the ident Schools I Schools, i - Columbia. condary
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JUN 1 9 1997

MISSOURI Public Service Commission

Issued: MAY 1 9 1997

Effective:

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Digital Link Services Tariff
RECEIVED Section 15
riginal Sheet 6

MULTIPOINT VIDEO SERVICE

MAR 27 1996

15.3	REGULATIONS (Continued)  MISSOURI  Public Service Commission
15.3.13.2	The contract term for subscription to a usage package is 12 months. If the customer chooses to discontinue subscription to the usage package prior to the expiration of the 12 month term, the customer shall pay a charge equal to the usage package rate in effect on the date of the contract times the number of months remaining in the term. This provision does not apply when the customer converts to a higher usage package as specified in 15.3.13.3, below.
15.3.13.3	The customer may convert to a higher usage package at any time during the 12 month term. Customers converting to a higher usage package will be required to sign a new contract. Billing under the newly selected package will commence at the beginning of the customer's next billing period at the rates in effect on the billing date and will continue for a new 12 month term.
15.3.13.4	Customers subscribing to usage packages are subject to port availability and the reservation requirements specified in 15.3.3, preceding.
15.3.13.5	In order to ensure that the port minutes of use are attributed to the proper usage package, the customer must provide the billing telephone number/account ED number with which the usage package is associated each time a Galactice is reserved. This information must be provided to the SWBT reservation attendant at the time the reservation is made.
15.3.14	Missouri School Discount Program
15.3.14.1	the time the reservation is made.  Missouri School Discount Program  A discount from standard Multipoint Video Service rates is all processor of the Signature Standard Multipoint Video Service rates is all processor of the Video Instructional Development and Educational Opportunity Program, as enacted by the Missouri State Legislature. Application of this discount is specified in Paragraph 15.6.12, following.
15.3.14.2	An educational institution is defined as an accredited public or private school in the state of Missouri. Private schools must be accredited by either the Missouri Chapter of the National Federation of non-Public Schools Accrediting Association, Independent Schools Association of The Central States, North Central Association of Colleges and Schools, and/or the University of Missouri - Columbia. Public schools must be accredited by the Department of Elementary and Secondary Education for the State of Missouri and/or the North Central Association of Colleges and Schools.

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Issued: MAR 2 7 1996

Effective: JUN 1

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Issued: March 27, 1996

Digital Link Services Tariff Section 15 Original Sheet 7

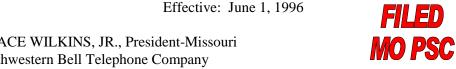
#### MULTIPOINT VIDEO SERVICE

## 15.3 REGULATIONS (Continued)

- 15.3.14.3 The qualifying discount is permitted only when the purpose of the videoconference is to provide educational and instructional programs and for the educational institution's administrative use.
- 15.3.14.4 In addition to meeting the qualification specified in Paragraph 15.3.14.2, preceding, an eligible customer must sign an affidavit certifying that the qualification is met. The affidavit will be retained on file with the Telephone Company. If a customer has previously provided a signed affidavit in conjunction with the application of this discount to other Telephone Company services, no additional affidavit will be required for Multipoint Video Service.

## 15.4 RESPONSIBILITY OF THE CUSTOMER

- 15.4.1 The customer is responsible for arranging video conference reservations through SWBT's reservation center and providing all necessary information as specified in 15.3.3, preceding.
- 15.4.2 The customer is responsible for canceling video conference reservations as needed. Conference reservations canceled or reduced less than 24 hours prior to the scheduled start time of the conference will be billed all Multipoint Video rates and charges which would have been applicable had the conference taken place as scheduled. When 24 hours prior to the scheduled start time falls outside of the reservation center's normal hours of operation, as specified in 15.3.3, the conference must be canceled by the end of the business day prior to the scheduled day of the conference in order to avoid billing.
- The customer is responsible for ensuring the ongoing compatibility of conference equipment 15.4.3 in all conference sites with SWBT's Multipoint Control Unit. The customer may choose to request such compatibility be initially certified by SWBT. Should the customer choose to have SWBT certify equipment compatibility, the customer is responsible for providing ongoing notification to SWBT of additional conference sites/equipment or modifications to previously certified equipment.



Digital Link Services Tariff Section 15 Original Sheet 8

#### MULTIPOINT VIDEO SERVICE

#### 15.5 LIMITATION OF LIABILITY

- 15.5.1 The responsibility of SWBT shall be limited to the furnishing of network equipment suitable for Multipoint Video Service and the maintenance and operation of such equipment in a manner proper for such service. Subject to this responsibility and paragraph 15.5.3, SWBT shall not be responsible for the through-transmission of signals generated by customer provided equipment or systems or for the quality of, or defects in, such transmission or the reception of signals by such equipment or systems. SWBT shall not be responsible for installation, operation, or maintenance of any terminal equipment, data unit, or communications systems provided by a customer. SWBT is not responsible for adapting Multipoint Video Service to the technological requirements of any specific customer equipment.
- 15.5.2 When the services of other local exchange or interexchange carriers are used in establishing connections to Multipoint Video Service, SWBT is not liable for any act or omission attributable to the other carrier or carriers.
- 15.5.3 In cases where the customer opted to have SWBT certify compatibility of customer equipment with the Multipoint Control Unit in advance of the video conference, and the customer subsequently experiences unsatisfactory quality of audio or video transmission, (and no intervening customer equipment modifications have occurred) SWBT's liability shall be limited to a billing adjustment equal to the rate for that portion of the video conference affected by the poor transmission, for the affected sites.
- 15.5.4 SWBT shall not be liable for any unsatisfactory transmission quality when the customer has opted not to have SWBT certify in advance that equipment in all of the conference sites is compatible with the Multipoint Control Unit, or when previously certified equipment has been modified and no recertification has been requested.



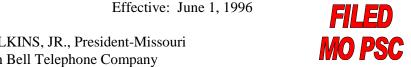
Issued: March 27, 1996

Digital Link Services Tariff Section 15 Original Sheet 9

#### MULTIPOINT VIDEO SERVICE

#### 15.6 APPLICATION OF RATES AND CHARGES

- 15.6.1 All Multipoint Video rates and charges will be billed to the originator of the conference. Applicable local/toll charges and the charges associated with the service(s) each participant will use to access the Multipoint Control Unit will be subject to the billing arrangements between each individual participant and the local exchange or interexchange carrier providing the service.
- 15.6.2 The minimum billable period for Multipoint Video Service is 30 minutes or the actual amount of time reserved per port, whichever is greater. Beyond this minimum period, usage rates apply per minute of use or fraction thereof.
- 15.6.3 Conference reservations canceled or reduced without sufficient notice, as specified in 15.4.2, will be billed all Multipoint Video rates and charges which would have been applicable had the conference taken place as scheduled. Requests to increase previously scheduled conference time will be subject to port availability.
- 15.6.4 Each conference site participating in a Multipoint Video conference requires a port. Each port will be charged the appropriate Multipoint Video rates as specified in 15.7.
- 15.6.5 A set up charge will apply to each port regardless of whether all sites connect during the 15 minute set up period. Usage charges specified in 15.7.2 or 15.7.3 do not apply during the set up period.
- 15.6.6 In some cases, as determined by SWBT, customers may be asked to connect to the Multipoint Control Unit during the certification process. Multipoint Video set up and usage rates will not apply during these connections.
- 15.6.7 Conference extensions will be billed usage charges for each minute beyond the scheduled end time of the conference. These usage charges will apply to each port which remains connected.
- 15.6.8 Additional ports (above the number reserved) connected after the start of a conference will be billed a set-up charge and usage for the number of minutes connected. The 30 minute minimum reservation period will not apply to these additional ports; however, port availability must be confirmed through SWBT's reservation center prior to connection.
- 15.6.9 Total Multipoint Video rates and charges applicable to each video conference will be remitted on a single bill to the originator of the conference.



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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 15 1st Revised Sheet 10 Replacing Original Sheet 10

#### MULTIPOINT VIDEO SERVICE

## 15.6 APPLICATION OF RATES AND CHARGES (Continued)

15.6.10 Upon accruing 6,000 port minutes in cumulative billed usage, the customer will be entitled to a maximum one hour video conference, including up to five ports, without charge. This video conference may include the continuous presence feature. In order to establish eligibility, port minutes of use will be accumulated by billing telephone number/account number and are nontransferable between accounts. Eligibility for this conference covers Multipoint Video standard set up and usage rates only and does not entitle the customer to reduction of any applicable local/toll charges associated with other services used during the conference. Customers who subscribe to Multipoint Video Service usage packages are not eligible for the provisions of this paragraph.

#### 15.6.11 Usage Packages

- 15.6.11.1 Multipoint Video Service usage packages include an allowance of port minutes. This usage package allowance applies per billing cycle.
- 15.6.11.2 All port minutes, including extended set up, used by conference participants are aggregated and debited against the usage package allowance. Total port minutes per conference will be accumulated to determine when the usage package allowance has been exhausted for the current billing cycle. Once the allowance is exhausted, usage rates per port minute of use as specified in 15.7.3, will apply for each subsequent conference/extended set up period completed during that billing cycle.
- 15.6.11.3 When the usage package allowance is exhausted in the middle of a conference, the remaining port minutes in excess of the allowance will be billed the effective minute of use rate per port minute of use as specified in 15.7.3.
- 15.6.11.4 A service charge will apply each time a customer establishes a usage package or changes from one usage package to another. (See paragraph 15.7.3, following.)
- 15.6.11.5 Multipoint Video Set-up charges as specified in 15.7.1, following, apply in addition to the Usage Package monthly rate.
- 15.6.11.6 Should the customer choose the Continuous Presence feature, charges specified in 15.7.4.2, following, will apply in addition to the Usage Package monthly rate.

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Effective: August 8, 1997

Digital Link Services Tariff Section 15 Original Sheet 10

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## MULTIPOINT VIDEO SERVICE

MAR 27 1996

15.6	APPLICATION OF RATES AND CHARGES (Continued)  Public Service Commission
15.6.10	Upon accruing 6,000 port minutes in cumulative billed usage, the customer will be entitled to a maximum one hour video conference, including up to five ports, without charge. This video conference may include the continuous presence feature. In order to establish eligibility, port minutes of use will be accumulated by billing telephone number/account number and are nontransferable between accounts. Eligibility for this conference covers Multipoint Video standard set up and usage rates only and does not entitle the customer to reduction of any applicable local/toll charges associated with other services used during the conference. Customers who subscribe to Multipoint Video Service usage packages are not eligible for the provisions of this paragraph.
15.6.11	Usage Packages
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15.6.11.2	All port minutes, including extended set up, used by conference participants are aggregated and debited against the usage package allowance. Total port minutes per conference will be accumulated to determine when the usage package allowance has been exhausted for the current billing cycle. Once the package is exhausted, usage rates per port minute of use as specified in 15.7.2, will apply for each subsequent conference/extended set up period completed during that billing cycle.
15.6.11.3	When the usage package allowance is exhausted in the middle of a conference commission the remaining port minutes in excess of the allowance will be billed by the per port minute of use as specified in 15.7.2.  A service charge will apply each time a customer establishes a usage package or
15.6.11.4	A service charge will apply each time a customer establishes a usage package or changes from one usage package to another. (See paragraph 15.7.3, following).
15.6.11.5	Multipoint Video Set-up charges as specified in 15.7.1, following, apply in addition to the Usage Package monthly rate.
15.6.11.6	Should the customer choose the Continuous Presence feature, charges specified in 15.7.4.2, following, will apply in addition to the Usage Package monthly rate.

FILED

Issued:

MAR 2 7 1996

Effective: JUN 1

96-405

MO. PUBLIC SERVICE COMM

Issued: August 30, 1996

Digital Link Services Tariff Section 15 1st Revised Sheet 11 Replacing Original Sheet 11

#### MULTIPOINT VIDEO SERVICE

## 15.6 APPLICATION OF RATES AND CHARGES (Continued)

15.6.12 Missouri School Discount Program

15.6.12.1 Upon the customer's request, a discount of 20 percent from the rates specified in Section 15.7 of this tariff may be allowed to educational institutions within SWBT's certificated area, as determined in Paragraph 15.3.14.2, preceding.

By KAREN E. JENNINGS, President-Missouri

Effective: September 30, 1996

(RT)

(CT)

(RT)

Digital Link Services Tariff Section 15 Original Sheet 11

## RECEIVED

## MULTIPOINT VIDEO SERVICE

MAR 27 1996

15.6	APPLICATION OF RATES AND CHARGES (Continued)	MISSOURI
15.6.12	Missouri School Discount Program	Public Service Commission
15.6.12.1	Upon the customer's request, a discount of 20 percent from Section 15.7.3 (Multipoint Video Usage Packages) of this tageducational institutions within SWBT's certificated area, as Paragraph 15.3.14.2, preceding.	riff may be allowed to
15.6.12.2	The qualifying discount will apply only to the standard mowith Multipoint Video Usage Packages.	onthly rate associated

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JUN 1 1996 96-405 MO. PUBLIC SERVICE COMM

Issued:

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Effective:

JUN 1

Digital Link Services Tariff Section 15 1st Revised Sheet 12 Replacing Original Sheet 12

## MULTIPOINT VIDEO SERVICE

## (RT) 15.7 RATES AND CHARGES(1)

	Minimum	Maximum
15.7.1 Multipoint Video Set-up, per port(4)	\$0	\$10.00
15.7.2 Multipoint Video Usage, per port minute of use(2)(4)	\$.85	\$1.00
15.7.2 Hooga Daakagaa		

	15.7.3	Usage Package	S					
(CT)							Effective	
			Port Minute				Minute	
			Allowance,	. Monthly R	tate(2) .	Service	of Use	
(CT)			.per month.	Minimum	<u>Maximum</u>	<u>Charge</u>	. Rate .	<u>USOC</u>
(AT)		12-Month						
(CT)		Package A	600	\$405.00(CR)	\$560.00	\$5.00	\$0.75(NR)	<b>VCFAX</b>
		Package B	1,200	\$756.00(CR)	\$1,055.00	\$5.00	\$0.70(NR)	VCFBX
		Package C	1,500	\$878.00(CR)	\$1,235.00	\$5.00	\$0.65(NR)	VCFCX
(CT)		Package D	2,000	\$1,080.00(CR)	\$1,400.00	\$5.00	\$0.60(NR)	VCFDX
(AT)		24-Month						
		Package A	600	\$385.00(NR)	\$471.00(NR)	\$5.00(NR)	\$0.71(NR)	VCFA2
		Package B	1,200	\$718.00(NR)	\$878.00(NR)	\$5.00(NR)	\$0.67(NR)	VCFB2
		Package C	1,500	\$833.00(NR)	\$1,019.00(NR)	\$5.00(NR)	\$0.62(NR)	VCFC2
		Package D	2,000	\$1,026.00(NR)	\$1,254.00(NR)	\$5.00(NR)	\$0.57(NR)	VCFD2
		36-Month						
		Package A	600	\$345.00(NR)	\$421.00(NR)	\$5.00(NR)	\$0.64(NR)	VCFA3
		Package B	1,200	\$643.00(NR)	\$785.00(NR)	\$5.00(NR)	\$0.60(NR)	VCFB3
		Package C	1,500	\$746.00(NR)	\$912.00(NR)	\$5.00(NR)	\$0.55(NR)	VCFC3
(AT)		Package D	2,000	\$918.00(NR)	\$1,122.00(NR)	\$5.00(NR)	\$0.51(NR)	VCFD3

(AT) See sheet 12.01 for footnotes.

(MT)

Issued: July 9, 1997 Effective: August 8, 1997



# Digital Link Services Tariff Section 15 RECEIVED inal Sheet 12

MULTIPOINT VIDEO SERVICE

MAR 27 1996

15.7	RATES AND CHA	ARGES (1) (5)	Public	MISSOURI Service Com Minimum		<u>um</u>
15.7.1	Multipoint Video	Set-up, per port (4)		<b>\$</b> 0	\$10.0	00
15.7.2	Multipoint Video	Usage, per port minute of t	ıse (2) (4)	\$ .85	\$ 1.0	00
15.7.3	Usage Packages			7		
				Rate (2)		
		Port Minute Allowance, per month	<u>Minimum</u>	<u>Maximum</u>	Service Charge	USOC
		•			0	
	Package A	600	\$460.00	\$560.00	\$5.00	VCFAX
	Package B	1,200	\$865.00	\$1,055.00	\$5.00	VCFBX
	Package C	1,500	\$1,012.00	\$1,235.00	\$5.00 \$5.00	VCFCX
	Package D	2,000	\$1,012.00	\$1,400.00	\$5.00 \$5.00	VCFDX
	rackage D	2,000	\$1,150.00	\$1,400.00	\$3.00	VCIDA
15.7.4	Optional Feature	e			Rate	
13.7.4	Optional realure	3		Minimum		imum
				William	<u>iviax</u>	<u>imum</u>
15.7.4.1	Extended Set-up,	per port minute of use (2)	(3)	\$ .85	\$1	.00
15.7.4.2	Continuous Prese	ence, per conference (4)		\$75.00	CANCE	LLED
		ence, when conference is ass ng a Usage package, per co Package A Package B Package C Package D		an \$65.00 \$55.00 \$35.0 <b>B</b> <b>Rubl</b> i	c Service	801997 540 5 1 2 3 Commission OURI

(1) Pursuant to Section 392.510, R.S. Mo. See Supplemental Schedule for current effective rates.

(2) In addition to the rates applicable to all other services used during the Multipoint Video conference, such as toll charges.

(3) Usage charges will apply for each port minute requested by the customer in excess of the standard 15 minute set-up. These charges apply in addition to the Multipoint Video Set-up charge specified in 15.7.1.

(4) During the period of four months following the effective date of Original Sheet 12, customers will be allowed a one hour video conference, including up to five ports, free of charge. This conference may also include the continuous presence feature. The provisions of this paragraph apply to Multipoint Video rates and charges footnoted above only and do not entitle the customer to reduction of any applicable local/toll charges associated with other services used during the conference.

(5) Minimum and maximum rates are interim pending final determination of transitionally competitive status by the Missouri Public Service Commission.

Issued:

MAR 27 1996

Effective:

د NUS Aissouri JUN 1 1998

By HORACE WILKINS, JR., President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

MO. PÜBLIC SERVICE COMM

CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 15 Original Sheet 12.01

#### MULTIPOINT VIDEO SERVICE

#### (AT) 15.7 RATES AND CHARGES(1) (Continued)

(N	MT)	15.7.4 Opti	onal Features		
		_		Rate	<u>e</u>
				Minimum	Maximum
		15.7.4.1	Extended Set-up, per port minute of use(2)(3)	\$.85	\$1.00
		15.7.4.2	Continuous Presence, per conference(4)	\$75.00	\$85.00
	(AT)		Continuous Presence, when conference is associated with an account containing a Usage package, per conference:  12-Month		
	(111)		Package A Package B	\$63.00(CR) \$54.00(CR)	\$80.00 \$65.00
			Package C	\$36.00(CR)	\$45.00
(N	MT)		Package D	0	0
	$(A_{\parallel}T)$		24-Month	****	
			Package A	\$54.00(NR)	\$66.00(NR)
			Package B	\$45.00(NR)	\$55.00(NR)
			Package C	\$27.00(NR)	\$33.00(NR)
			Package D	0(NR)	0(NR)
			36-Month		
			Package A	0(NR)	0(NR)
			Package B	0(NR)	0(NR)
			Package C	0(NR)	0(NR)
	(AT)		Package D	0(NR)	0(NR)

(MT)

(MT)

(RT) (RT)

- (1) Pursuant to Section 392.510, R.S. Mo. See Supplemental Schedule for current effective rates.
- (2) In addition to the rates applicable to all other services used during the Multipoint Video conference, such as toll charges.
- (3) Usage charges will apply for each port minute requested by the customer in excess of the standard 15 minute set-up. These charges apply in addition to the Multipoint Video Set-up charge specified in 15.7.1.
- (4) During the period of four months following the effective date of Original Sheet 12, customers will be allowed a one hour video conference, including up to five ports, free of charge. This conference may also include the continuous presence feature. The provisions of this paragraph apply to Multipoint Video rates and charges footnoted above only and do not entitle the customer to reduction of any applicable local/toll charges associated with other services used during the conference.

Issued: July 9, 1997 Effective: August 8, 1997

(MT)

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 15
Supplemental Sheet
2nd Revised Sheet 13
Replacing 1st Revised Sheet 13

## MULTIPOINT VIDEO SERVICE

## **RATES AND CHARGES**

Rate

Multipoint Video Set-up, per port

\$0.00

Multipoint Video Usage, per port minute of use

\$1.00

Usage Packages

(CT)		Port Minute			Effective	
		Allowance,		Service	Minute of	
(CT)		per month	Monthly Rate	Charge	Use Rate	USOC
(AT)	12-Months					
(CT)	Package A	600	\$ 450.00(NR)	\$5.00	\$0.75(NR)	VCFAX
	Package B	1,200	\$ 840.00(NR)	\$5.00	\$0.70(NR)	VCFBX
	Package C	1,500	\$ 975.00(NR)	\$5.00	\$0.65(NR)	VCFCX
(CT)	Package D	2,000	\$1,200.00	\$5.00	\$0.60(NR)	VCFDX
(AŢ)	24-Months					
	Package A	600	\$ 428.00(NR)	\$5.00	\$0.71(NR)	VCFA2
	Package B	1,200	\$ 798.00(NR)	\$5.00	\$0.67(NR)	VCFB2
	Package C	1,500	\$ 926.00(NR)	\$5.00	\$0.62(NR)	VCFC2
	Package D	2,000	\$1,140.00(NR)	\$5.00	\$0.57(NR)	VCFD2
	36-Months					
	Package A	600	\$ 383.00(NR)	\$5.00	\$0.64(NR)	VCFA3
	Package B	1,200	\$ 714.00(NR)	\$5.00	\$0.60(NR)	VCFB3
	Package C	1,500	\$ 829.00(NR)	\$5.00	\$0.55(NR)	VCFC3
(AT)	Package D	2,000	\$1,020.00(NR)	\$5.00	\$0.51(NR)	VCFD3



Digital Link Services Tariff Section 15 Supplemental Sheet 1st Revised Sheet 13 Replacing Original Sheet 13

#### MULTIPOINT VIDEO SERVICE

**RATES AND CHARGES** 

Rate

(CT) Multipoint Video Set-up, per port \$0.00(NR)

Multipoint Video Usage, per port minute of use

\$1.00

Usage Packages

	Port Minute Allowance, per month	Monthly Rate	Service Charge	USOC
Package A	600	\$ 460.00(NR)	\$5.00	VCFAX
Package B	1,200	\$ 865.00(NR)	\$5.00	VCFBX
Package C	1,500	\$1,012.00(NR)	\$5.00	VCFCX
Package D	2,000	\$1,200.00(NR)	\$5.00	VCFDX
	Package B Package C	Allowance, per month  Package A 600 Package B 1,200 Package C 1,500	Allowance, per month  Package A 600 \$ 460.00(NR)  Package B 1,200 \$ 865.00(NR)  Package C 1,500 \$1,012.00(NR)	Allowance, per month  Package A 600 \$ 460.00(NR) \$5.00 Package B 1,200 \$ 865.00(NR) \$5.00 Package C 1,500 \$1,012.00(NR) \$5.00

Optional Features

Rate

Extended Set-up, per port minute of use

\$1.00

(CT) Continuous Presence, per conference \$80.00(1 GANCELLED

Continuous Presence, when conference is associated with an account containing a Usage package, per conference:

(CT)

Package A Package B

Package C

Package D

Written notice of rate change and its effective date filed on

3-13-97 pursuant to sections 392.510

.3 and .4 RSMo 1994 Effective date of rate change \$40.00 0

\$60Roblic S

Pursuant to Section 392.510, R.S. Mo.

MAR 1 2 1997 Issued:

Effective:

MAR 14 1997

Digital Link Services Tariff Section 15 Supplemental Sheet Original Sheet 13

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MULTIPOINT VIDEO SERVICE

MAR 27 1996

RATES AND CHARGES

Rate

MISSOURI Public Service Commission

Multipoint Video Set-up, per port

\$10,00

Multipoint Video Usage, per port minute of use

\$1.00

**Usage Packages** 

	Port Minute Allowance, per month	Monthly Rate	Service Charge	USOC
Package A	600	\$510.00	\$5.00	VCFAX
Package B	1,200	\$960.00	\$5.00	VCFBX
Package C	1,500	\$1,125.00	\$5.00	VCFCX
Package D	2,000	\$1,300.00	\$5.00	· VCFDX

**Optional Features** 

Rate

Extended Set-up, per port minute of use

\$1.00

Continuous Presence, per conference

\$85.00

Continuous Presence, when conference is associated with an account containing a Usage package, per conference:

> Package A Package B Package C

\$75.00

\$60.00

CANCELLED

\$40.00

Package D

MAR 1 4 1997

Public Service Commission MISSOURI

FILED

96-405 MO. PUBLIC SERVICE COMM

Pursuant to Section 392.510, R.S. Mo.

Effective:

Issued: MAR 2 7 1998

By HORACE WILKINS, JR., President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff Section 15 Supplemental Sheet Original Sheet 13.01

## MULTIPOINT VIDEO SERVICE

## RATES AND CHARGES (Continued)

(MT)	Optional Features	
		Rate
	Extended Set-up, per port minute of use	\$1.00
	Continuous Presence, per conference	\$80.00
(MT)	Continuous Presence, when conference is associated with an account containing a Usage package, per conference:	
(AT)	12-Month	
(MT)	Package A	\$70.00
	Package B	\$60.00
	Package C	\$40.00
(MT)	Package D	0
(AT)	24-Month	
1	Package A	\$60.00(NR)
	Package B	\$50.00(NR)
	Package C	\$30.00(NR)
	Package D	0(NR)
	36-Month	
	Package A	0(NR)
	Package B	0(NR)
	Package C	0(NR)
(AT)	Package D	0(NR)

Pursuant to Section 392.510, R.S. Mo.

Issued: July 9, 1997 Effective: August 8, 1997

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Digital Link Services Tariff Section 16 Original Sheet 1

#### DISTANCE LEARNING SERVICE

#### 16.1 DESCRIPTION AND APPLICATION OF SERVICE

## 16.1.1 Distance Learning Service (DLS) with Video

#### General

This section covers arrangements that are provided only to qualified customers located in an exchange area served by Southwestern Bell Telephone Company (SWBT), for use only by educational institutions in Missouri. Where a customer requests an arrangement terminating at a non-Southwestern Bell location, Southwestern Bell will provide its service to the meetpoint with the other Local Exchange Telephone Company. The portion of the arrangement in the non-Southwestern Bell exchange will be provided by the other LEC pursuant to that carrier's regulations, rates and charges which will be charged on a meetpoint billing basis.

This service is intended for the exclusive use and purchase by educational institutions, as defined herein, to improve the education system in Missouri and encourage economic development.

The rules and regulations of this tariff section are in addition to other rules and regulations as stated in this and other Telephone Company tariffs.

#### 16.1.2 Definitions

For the purpose of this tariff, the following definitions shall apply:

<u>Administrative Site</u> - One site within a cluster of schools that is designated by the school district, college, university and/or other organized group of schools that is responsible for conference scheduling within the cluster, purchase and payment of ISDN PRI charges, allocation of ISDN PRI usage within the cluster, and purchase and payment of any Independent Telephone Company Connectivity charges.

<u>BONDING</u> - A standard for inverse multiplexing. It defines the protocol procedures to connect inverse multiplexers from different manufacturers. It takes its name from the organization that established the standard, the **B**andwidth **ON D**emand **IN**teroperability **G**roup.

Issued: June 26, 1996 Effective: July 26, 1996



(AT)

(AT)

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Services Tariff Section 16 2nd Revised Sheet 2 Replacing 1st Revised Sheet 2

#### DISTANCE LEARNING SERVICE

#### 16.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

## 16.1.2 Definitions (Continued)

<u>Cluster</u> - A group of at least three schools that are located within the same geographic area, share an educational community of interest, a desire to share classroom resources and have agreed through a mutual agreement, pact, or consortium arrangement to join together for purposes of purchasing DLS with Video via this tariff.

CODEC - Coder/decoder. A device used for converting an analog signal that represents the voice and video data into digital form (Coder) for transmission and subsequent reconstruction of the original analog data from the digital signal (Decoder).

Continuous Presence - An optional feature that provides for the video signal to be mixed and presented as a four-window signal on the monitor(s). The monitor appears to be divided into four equal sections with one site in each window, thereby allowing multiple conference sites/participants to be seen simultaneously.

Educational Institution - An educational institution shall be defined as an accredited public or private school in the state of Missouri. Private schools must be accredited by either the Missouri Chapter of the National Federation of Non-Public Schools Accrediting Association, Independent Schools Association of The Central States, North Central Association of Colleges and Schools, Accrediting Association of Bible Colleges, Distance Education and Training Council, and/or the University of Missouri - Columbia. Public schools must be accredited by the Department of Elementary and Secondary Education for the State of Missouri and/or the North Central Association of Colleges and Schools.

<u>H.320 Standard</u> - A group of standards covering the communications, audio and video procedures of videoconferencing systems.

ISDN - Integrated Services Digital Network. A network architecture which allows the simultaneous transmission of information over a single facility incorporating the use of bearer channels (B channels) and a data channel (D channel).

Effective: November 1, 1997

16.1

Digital Link Services Tariff
Section 16
1st Revised Sheet 2
Replacing Original Sheet 2
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#### DISTANCE LEARNING SERVICE

DESCRIPTION AND APPLICATION OF SERVICE (Continued)

MAY 1 4 1997

16.1.2 Definitions (Continued)

MO. PUBLIC SERVICE COMM

<u>Cluster</u> - A group of at least three schools that are located within the same geographic area, share an educational community of interest, a desire to share classroom resources and have agreed through a mutual agreement, pact, or consortium arrangement to join together for purposes of purchasing DLS with Video via this tariff.

<u>CODEC</u> - Coder/decoder. A device used for converting an analog signal that represents the voice and video data into digital form (Coder) for transmission and subsequent reconstruction of the original analog data from the digital signal (Decoder).

<u>Continuous Presence</u> - An optional feature that provides for the video signal to be mixed and presented as a four-window signal on the monitor(s). The monitor appears to be divided into four equal sections with one site in each window, thereby allowing multiple conference sites/participants to be seen simultaneously.

Educational Institution - An educational institution shall be defined as an accredited public or private school in the state of Missouri. Private schools must be accredited by either the Missouri Chapter of the National Federation of Non-Public Schools Accrediting Association, Independent Schools Association of The Central States, North Central Association of Colleges and Schools, Accrediting Association of Bible Colleges, and/or the University of Missouri - Columbia. Public schools must be accredited by the Department of Elementary and Secondary Education for the State of Missouri and/or the North Central Association of Colleges and Schools.

<u>H.320 Standard</u> - A group of standards covering the communications, audio and video procedures of videoconferencing systems.

<u>ISDN</u> - Integrated Services Digital Network. A network architecture which allows the simultaneous transmission of information over a single facility incorporating the use of bearer channels (B channels) and a data channel (D channel).

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JUN 1 9 1997

MISSOURI Public Service Commission

Issued: MAY 1 9 1997

Effective:

JUN 1 9 1997

By KAREN E. JENNINGS, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

(AT)

Digital Link Services Tariff
Section 16
Original Sheet 2
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#### DISTANCE LEARNING SERVICE

JUN 26 1995

16.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

MISSOURI
Public Service Commission

16.1.2 Definitions (Continued)

<u>Cluster</u> - A group of at least three schools that are located within the same geographic area, share an educational community of interest, a desire to share classroom resources and have agreed through a mutual agreement, pact, or consortium arrangement to join together for purposes of purchasing DLS with Video via this tariff.

<u>CODEC</u> - Coder/decoder. A device used for converting an analog signal that represents the voice and video data into digital form (Coder) for transmission and subsequent reconstruction of the original analog data from the digital signal (Decoder).

Continuous Presence - An optional feature that provides for the video signal to be mixed and presented as a four-window signal on the monitor(s). The monitor appears to be divided into four equal sections with one site in each window, thereby allowing multiple conference sites/participants to be seen simultaneously.

Educational Institution - An educational institution shall be defined as an accredited public or private school in the state of Missouri. Private schools must be accredited by either the Missouri Chapter of the National Federation of Non-Public Schools Accrediting Association, Independent Schools Association of The Central States, North Central Association of Colleges and Schools, and/or the University of Missouri - Columbia. Public schools must be accredited by the Department of Elementary and Secondary Education for the State of Missouri and/or the North Central Association of Colleges and Schools.

<u>H.320 Standard</u> - A group of standards covering the communications, audio and video procedures of videoconferencing systems.

ISDN - Integrated Services Digital Network. A network architecture which allows the simultaneous transmission of information over a single facility incorporating the use of bearer channels (B channels) and a data channel (D channel CELLED

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Public Service Commission

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Issued:

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Digital Link Services Tariff
Section 16
Original Sheet 3

#### DISTANCE LEARNING SERVICE

#### 16.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

## 16.1.2 Definitions (Continued)

ISDN Primary Rate Interface (PRI) - The term Primary Rate Interface denotes the connection of a 1.544 Mbps digital facility to the ISDN-PRI capable central office switch. The twenty-four channels are typically divided into twenty-three "B" channels plus one "D" channel. Software in the ISDN-PRI equipped central office switch defines the type of services that will be carried within the 1.544 Mbps digital facility.

<u>Local Access and Transport Area (LATA)</u> - 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.

<u>Multipoint Control Unit (MCU)</u> - A central office based unit which provides bridging of three or more video calls using the same bandwidth.

<u>School Site</u> - A building or buildings used predominantly by one education institution or district in its educational efforts.

<u>T1 Port</u> - A port for termination of a T1 facility. The T1 port allows for one connection to one DLS with Video conference.



Digital Link Services Tariff Section 16 Original Sheet 4

#### DISTANCE LEARNING SERVICE

## 16.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

## 16.1.3 Provision of Service

A. Distance Learning Service (DLS) with Video is an intraLATA T1-based videoconferencing service that will serve the education community in Missouri. It will provide the customer with continuous presence or full screen/non-continuous DS1 quality video utilizing a Multipoint Control Unit (MCU) located in a Southwestern Bell central office. Continuous presence will be provided at speeds up to 768 Kbps or as facilities permit. Each customer location will be connected to the MCU via a T1 circuit.

The MCU does not support two channel calls (H.320 Px56/64 bonding) on the dedicated T1 circuits from the school site to the MCU in the central office. This means that switched connections from MicroLink I, DigiLine, SmartTrunk or SelectVideo Plus cannot participate on a conference if the bonding is done in the Codec. However, if these switched services are used in conjunction with an Inverse Multiplexer that conforms to the BONDING Standard, then the customer can establish conferences which include the dedicated T1 circuits. For these conferences, all customer provided Codecs must support the H.320 6BHO standards to operate at 112/128 Kbps.

Only one continuous presence conference may take place at any one given time. If the need arises for more than one continuous presence conference to take place at any one given time, that need will be addressed on an ICB basis.

- B. A cluster of schools shall be determined by the appropriate school administration(s) or district(s) in conjunction with Southwestern Bell Telephone Company. All sites within a cluster must be located within a single LATA. Facilities that SWBT is permitted to provide to serve any member of a cluster located outside of the LATA will be provisioned on a ICB basis.
- C. The customer's network will be restricted to members of its own cluster, with the exception that a multi-rate primary rate ISDN PRI circuit, per customer, may be connected to a port on the MCU. This PRI port will allow incoming and outgoing calls from outside the customer's restricted network. Rates as found in Section 13 of the Digital Link Service Tariff for SelectVideo Plus, Option 1 will apply for any outgoing calls.



Digital Link Services Tariff Section 16 Original Sheet 5

#### DISTANCE LEARNING SERVICE

## 16.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

## 16.1.3 Provision of Service (Continued)

- D. Connectivity may be made to sites in Independent Telephone Companies. One charge will apply for Independent Telephone Company Connectivity for each school site located in Independent Telephone Company territory that wants to connect to a cluster located in SWBT territory. The designated administrative site for the cluster will be responsible for purchase and payment of this rate element. Rates and charges are as found in 16.2.2 B. following. In addition, the customer will be responsible for paying any applicable charges imposed by the Independent Telephone Company for the use of its facilities on a meetpoint billed basis.
- E. DLS with Video provides the required transport, network channel terminating equipment and associated software.
- F. DLS with Video is available as follows:
  - 1. Continuous Presence Mode

Continuous Presence Mode is an optional type of video conference that allows all sites in the conference to view four specific sites prearranged in a quadrant screen display. This mode is usually configured with five sites but can include additional sites. The fifth site, along with all additional sites scheduled in the conference, will view the four prearranged sites that have been selected as the "Video Mix" sites. Also, all sites can hear each other and be heard by every site within the conference.

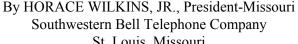
## 2. Voice Activated Mode

Issued: June 26, 1996

Voice Activated Mode is a standard type of multipoint video conference where a video switching method automatically selects the current broadcaster based on the audio (voice) activity level from each site on the conference, e.g., the loudest audio signal is designated as the dominant audio

G. DLS with Video will be provisioned using a DS1 circuit. The DS1 circuit will terminate on the customer's premises at the Demarcation Point as it is defined in Section 2 of this tariff.

Effective: July 26, 1996





Digital Link Services Tariff Section 16 Original Sheet 6

#### DISTANCE LEARNING SERVICE

## 16.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

## 16.1.4 Customer Responsibilities

- A. The subscriber to DLS with Video is responsible for the video hardware and software at all school sites in the cluster, including but not limited to, CODECs, cameras, monitors, control system, and physical classroom preparation. The CODECs provided by the customer must meet ITU-T H.320 video standards.
- B. One administrative (school) site must be designated by the school district or cluster of schools, must be a subscriber to DLS with Video and must be located within SWBT territory. The designated administrative site will be responsible for the following:
  - 1) Purchase and payment of charges associated with usage for the ISDN Primary Rate Interface (PRI),
  - 2) The allocation of usage for the ISDN PRI among schools within its cluster, and
  - 3) The purchase and payment of charges for any Independent Telephone Company Connectivity charges.

## C. Scheduling

Issued: June 26, 1996

Scheduling of videoconferences will be done through the SWBT Video Control Center. The designated administrative site will be responsible for arranging all conference scheduling within the cluster and providing the scheduling requirements to SWBT. To help avoid scheduling conflicts, the designated administrative site is encouraged to provide the scheduling requirements to SWBT, in writing, 30 days prior to the scheduled conferences. Those requirements include the following:

- Number of required conference ports (legs),
- Transmission speed (i.e., bit rate) per port. All ports must be at the same rate,
- Date, start time and duration of the conference (minimum duration of 30 minutes),
- Number of audio-input only legs (used with continuous presence),
- Type of channel aggregation (i.e., multi-rate, BONDING or 2x64 for each end point of the call),
- Type of conference control (e.g., voice activated switching, continuous presence),
- Customer billing information (e.g., billing telephone number or account number).



Effective: July 26, 1996

Digital Link Services Tariff Section 16 Original Sheet 7

#### DISTANCE LEARNING SERVICE

## 16.1 DESCRIPTION AND APPLICATION OF SERVICE (Continued)

## 16.1.4 Customer Responsibilities (Continued)

## C. Scheduling (Continued)

The customer will be provided a designated 1-800 number for any scheduling change requirements.

Although videoconferences may be conducted at any time, the SWBT Video Control Center will not be available on weekends, SWBT designated holidays or outside of its normal hours of operation (at least 7 a.m. to 5 p.m. central time). Availability may be verified by calling the Video Control Center during its normal hours of operation.

#### 16.1.5 Authorized Use

DLS with Video may be used for the transmission of communications (audio and video) for other purposes in conjunction with the customer's rental or lease of its educational facilities where the service terminates and where the customer's video studio equipment is located. Use of DLS with Video for such purposes is allowed upon payment to Southwestern Bell Telephone Company of the hourly charge set out in 16.2.2. D.

## 16.1.6 Resale of Use to Others

DLS with Video shall not be used for any purpose for which payment or other consideration, direct or indirect, shall be received by the customer, except as outlined in 16.1.5 above.

Issued: June 26, 1996 Effective: July 26, 1996



Digital Link Services Tariff Section 16 Original Sheet 8

#### DISTANCE LEARNING SERVICE

#### 16.2 RATE REGULATIONS

#### 16.2.1 General

A. A T1 port charge applies per port for the communications path between a customer designated premises and the serving wire center for that premises within a cluster. One port charge applies per customer designated premises at which the channel is terminated. Rates and charges are as found in 16.2.2.A. following.

#### B. PRI Port Charge

A PRI port charge applies per PRI connected to a port on the MCU in the central office. Rates and charges are as found in 16.2.2.A. following.

## C. Service Connection Charges

Service Connection Charges, as found in Section 19 of General Exchange Tariff, do not apply to DLS with Video.

#### D. Contract Periods

DLS with Video will be available for either a 1, 3 or 5 year contract period basis. At the conclusion of the contract period, the customer must elect one of the following options:

- Renew the contract at the terms, conditions and rates that are tariffed or otherwise available at the time.
- Discontinue the service.

When a service is discontinued prior to the expiration of the contract period, the applicable charge will be the total monthly charges for the remainder of the contract period.

## E. Suspension of Service

Customer initiated suspension of service is not available with DLS with Video.



Digital Link Services Tariff Section 16 Original Sheet 9

#### DISTANCE LEARNING SERVICE

## 16.2 RATE REGULATIONS (Continued)

## 16.2.1 General (Continued)

## F. Prepayment Option

A prepayment option is available based on the Discount Rate specified in Section 17, Paragraph 17.6.5 of the General Exchange Tariff. The prepayment option is applicable only to DLS with Video purchased from this tariff. This option is not available with services purchased from other tariffs for use in conjunction with DLS with Video, i.e., SelectVideo Plus, Option 1.

## G. Additional Rates and Regulations

Rates and regulations for DLS with Video are in addition to applicable rates and regulations in other tariffs for services used in conjunction with DLS with Video.

H. Authorized Use in Conjunction with Lease or Rental of Customer's Facilities

The charge for authorized use in conjunction with the lease or rental of the customer's facilities will be applied on an hourly basis for each hour of network usage for each channel termination in use.



Digital Link Services Tariff Section 16 Original Sheet 10

#### DISTANCE LEARNING SERVICE

## 16.2 RATE REGULATIONS (Continued)

## 16.2.2 Rates and Charges

		USOC	Monthly Rate 1 Year 3 Year 5 Year			Nonrecurring Charge
A.	Distance Learning with Video - T1 port, per port	VUEXT	\$733.00	\$702.00	\$641.00	\$685.00 (1)
	<ul><li>PRI Port</li><li>First, per cluster</li><li>Additional, per cluster</li></ul>	VUEXP	\$987.00 ICB	\$946.00 ICB	\$863.00 ICB	NA ICB
B.	Independent Telephone Company connectivity	EDUXD	\$733.00	\$702.00	\$641.00	\$685.00(1)
C.	Usage	See Section 13 of the Digital Link Services Tariff for SelectVideo Plus, Option 1				

- D. Authorized use in conjunction with lease or rental of customer's facilities
  - Authorized Use (per hour or fraction thereof)

\$10.00

(1) Nonrecurring charges do not apply to the initial installation, but do apply to subsequent moves within a LATA. Moves outside the LATA will be done on an ICB basis.

Issued: June 26, 1996 Effective: July 26, 1996



Digital Link Services Tariff Section 16 Original Sheet 11

## DISTANCE LEARNING SERVICE

- 16.2 RATE REGULATIONS (Continued)
  - 16.2.2 Rates and Charges (Continued)

	Monthly Rate			Nonrecurring
	1 Year	3 Year	5 Year	Charge
E. Optional CODEC located				
on Customer's premises	ICB	ICB	ICB	ICB

Issued: June 26, 1996 Effective: July 26, 1996



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No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Services Tariff Section 18 4th Revised Sheet 1 Replacing 3rd Revised Sheet 1

#### ACCESS ADVANTAGE PLUS SERVICE

#### 18.1 DESCRIPTION

Access Advantage Plus Service is a Southwestern Bell Telephone Company (SWBT) service that provides a customer a channelized high capacity (1.544 Mbps) facility between a customer premise and its serving office for connection to other services provided by SWBT. These services include Integrated Voice Access Lines and Access Advantage Plus Trunks as described in 18.2 following, Plexar services, Private Line and Digital Link services. Access Advantage Plus Service allows a customer to intergrate voice and data services on a single 1.544 Mbps. Facility.

This service is competitively classified in the following exchanges:

Business:

St. Louis

Kansas City

#### 18.2 DEFINITIONS

Channelized - Denotes the multiplexing of the 1.544 Mbps. facility into 24 voice grade channels for connection to other services.

Access Advantage Plus Cross-Connect - Denotes the DSO connection between two or more Access Advantage Plus Services in the same or different serving offices. These cross connects are made on an individual channel basis. When the Transport element is purchased from FCC Tariff 73 (see below), the cross connects are also provided from that Tariff.

Access Advantage Plus Transport - Denotes the channelized 1.544 Mbps. facility between a customer premise and the serving office for that location. When purchased from this Tariff, this element is available for use only with SWBT connecting services as specified in 18.1 preceding.

Alternatively, this element may be purchased from FCC Tariff 73, subject to availability.

Issued: August 28, 2002

Effective: September 27, 2002



CANCELLED

Digital Link Services Tariff
Section 18
. 3rd Revised Sheet 1
Replacing 2nd Revised Sheet 1

ACCESS ADVANTAGE PLUS SERVICE

18.1 Description

Access Advantage Plus Service is a Southwestern Bell Telephone Company (SWBT) service that provides a customer a channelized high capacity (1.544 Mbps) facility between a customer premise and its serving office for connection to other services provided by SWBT. These services include Integrated Voice Access Lines and Access Advantage Plus Trunks as described in 18.2 following, Plexar services, Private Line and Digital Link services. Access Advantage Plus Service allows a customer to intergrate voice and data services on a single 1.544 Mbps. Facility.

Missouri Public

This service is competitively classified in the following exchanges:

Business:

St. Louis

Kansas City

**REC'D** FEB 2 0 2002

Service Commission

#### 18.2 DEFINITIONS

Channelized - Denotes the multiplexing of the 1.544 Mbps. facility into 24 voice grade channels for connection to other services.

Access Advantage Plus Cross-Connect - Denotes the DSO connection between two or more Access Advantage Plus Services in the same or different serving offices. These cross connects are made on an individual channel basis.

Access Advantage Plus Transport - Denotes the channelized 1.544 Mbps. facility between a customer premise and the serving office for that location. This element is available for use only with SWBT connecting services as specified in 18.1 preceding.

Integrated Voice Access Line - Denotes the serving office switching and trunking equipment needed to connect the serving office with the Access Advantage Plus Transport. These facilities are Telephone Company-provided and maintained, and provide access to and from the telecommunications network for message long distance service and for local calling appropriate to the tariffed offering selected by the customer. The Integrated Voice Access Line is available as a single line or in a multi-line version, and only in conjunction with the Access Advantage Plus Transport element.

Access Advantage Plus Trunk – This element is offered only in connection with Access Advantage Plus and provides PBX customers access to the public switch network through the Access Advantage Plus Transport. This rate element entitles the customer to the calling capabilities available for their serving central office as stated in the Local Exchange Tariff.

Issued: February 20, 2002

Effective: March 22, 200

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri
FILED MAR 2 9 2002

Service Commission

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(AT)

Digital Link Service Tariff Section 18 2ndRevised Sheet 1 Replacing 1st revised Sheet 1

e Missouri Public

## ACCESS ADVANTAGE PLUS SERVICE

#### 18.1 DESCRIPTION

**RECD JUN 05 2000** 

Access Advantage Plus Service is a Southwestern Bell Telephone Company (SWBT) service that provides a customer a channelized high capacity (1.544 Mbps) facility between a customer premise and its serving office for connection to other services provided by SWBT. These services include Integrated Voice Access Lines and Access Advantage Plus Trunks as described in 18.2 following, Plexar services, Private Line and Digital Link services. Access Advantage Plus Service allows a customer to intergrate voice and data services on a single 1.544 Mbps. Facility.

#### 18.2 DEFINITIONS

(RT)

Channelized - Denotes the multiplexing of the 1.544 Mbps, facility into 24 voice grade channels for connection to other services.

Access Advantage Plus Cross-Connect - Denotes the DSO connection between two or more Access Advantage Plus Services in the same or different serving offices. These cross connects are made on an individual channel basis.

Access Advantage Plus Transport - Denotes the channelized 1.544 Mbps. facility between a customer premise and the serving office for that location. This element is available for use only with SWBT connecting services as specified in 18.1 preceding.

Integrated Voice Access Line - Denotes the serving office switching and trunking equipment needed to connect the serving office with the Access Advantage Plus Transport. These facilities are Telephone Company-provided and maintained, and provide access to and from the telecommunications network for message long distance service and for local calling appropriate to the tariffed offering selected by the customer. The Integrated Voice Access Line is available as a single line or in a multi-line version, and only in conjunction with the Access Advantage Plus Transport element.

Access Advantage Plus Trunk - This element is offered only in connection with Access Advantage Plus and provides PBX customers access to the public switch network through the Access Advantage Plus Transport. This rate element entitles the customer to the calling capabilities available for their serving central office as stated in the Local Exchange Tariff.

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Issued: June 5, 2000

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By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff Section 18 1st Revised Sheet 1 Replacine Φhighad Sheet 1

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## ACCESS ADVANTAGE PLUS SERVICE

JUL - 7 1999

#### 18.1 DESCRIPTION

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Access Advantage Plus Service is a Southwestern Bell Telephone Company (SWBT) service that (CT) provides a customer a channelized high capacity (1.544 Mbps) facility between a customer premise and its serving office for connection to other services provided by SWBT. These services include (CT)

Integrated Voice Access Lines and Access Advantage Plus Trunks as described in 18.2 following,

(CT) Plexar services, Private Line and Digital Link services, and Frame Relay services. Access

Advantage Plus Service allows a customer to integrate voice and data services on a single 1.544 (CT)Mbps. facility.

#### 18.2 DEFINITIONS

Channelized - Denotes the multiplexing of the 1.544 Mbps. facility into 24 voice grade channels for connection to other services.

Access Advantage Plus Cross-Connect - Denotes the DSO connection between two or (CT) more Access Advantage Plus Services in the same or different serving offices. These cross (CT) connects are made on an individual channel basis.

> Access Advantage Plus Transport - Denotes the channelized 1.544 Mbps. facility between a customer premise and the serving office for that location. This element is available for use only with SWBT connecting services as specified in 18.1 preceding.

Integrated Voice Access Line - Denotes the serving office switching and trunking equipment needed to connect the serving office with the Access Advantage Plus Transport. These facilities are Telephone Company-provided and maintained, and provide access to and from the telecommunications network for message long distance service and for local calling appropriate to the tariffed offering selected by the customer. The Integrated Voice Access Line is available as a single line or in a multi-line version, and only in conjunction with the Access Advantage Plus Transport element.

Access Advantage Plus Trunk - This element is offered only in connection with Access Advantage Plus and provides PBX customers access to the public switch network through the Access Advantage Plus Transport. This rate element entitles the customer to the calling capabilities available for their serving central office as stated in the Local Exchange Tariff.

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By 2ND RSI Public Service Commission MISSOURI

JULY 7, 1999 Issued:

Effective

**AUGUST 6, 1999** 

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff
Section 18
Original Sheet 1
Missouri Public
Service Commission

#### INTEGRATED PATHWAY SERVICE

RECD FEB 2 8 1999

## 18.1 DESCRIPTION

Integrated Pathway Service is a Southwestern Bell Telephone Company (SWBT) service that provides a customer a channelized high capacity (1.544 Mbps) facility between a customer premise and its serving office for connection to other services provided by SWBT. These services include Integrated Voice Access Lines and Integrated Pathway Trunks as described in 18.2 following, Plexar services, Private Line and Digital Link services, and Frame Relay services. Integrated Pathway Service allows a customer to integrate voice and data services on a single 1.544 Mbps. facility.

## 18.2 DEFINITIONS

Channelized - Denotes the multiplexing of the 1.544 Mbps. facility into 24 voice grade channels for connection to other services.

Integrated Pathway Cross-Connect - Denotes the DSO connection between two or more Integrated Pathway Services in the same or different serving offices. These cross connects are made on an individual channel basis.

Integrated Pathway Transport - Denotes the channelized 1.544 Mbps. facility between a customer premise and the serving office for that location. This element is available for use only with SWBT connecting services as specified in 18.1 preceding.

Integrated Voice Access Line - Denotes the serving office switching and trunking equipment needed to connect the serving office with the Integrated Pathway Transport. These facilities are Telephone Company-provided and maintained, and provide access to and from the telecommunications network for message long distance service and for local calling appropriate to the tariffed offering selected by the customer. The Integrated Voice Access Line is available as a single line or in a multi-line version, and only in conjunction with the Integrated Pathway Transport element.

Integrated Pathway Trunk – This element is offered only in connection with Integrated Pathway and provides PBX customers access to the public switch network through the Integrated Pathway Transport. This rate element entitles the customer to the calling capabilities available for their serving central office as stated in the Local Exchange Tariff.

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Public Service Commission MISSOURI

Effective

Digital Link Services Tariff Section 18 Original Sheet 1.01

## ACCESS ADVANTAGE PLUS SERVICE

(MT) DEFINITIONS (cont'd)

> Integrated Voice Access Line - Denotes the serving office switching and trunking equipment needed to connect the serving office with the Access Advantage Plus Transport. These facilities are Telephone Company-provided and maintained, and provide access to and from the telecommunications network for message long distance service and for local calling appropriate to the tariffed offering selected by the customer. The Integrated Voice Access Line is available as a single line or in a multi-line version, and only in conjunction with the Access Advantage Plus Transport element.

Access Advantage Plus Trunk - This element is offered only in connection with Access Advantage Plus and provides PBX customers access to the public switch network through the Access Advantage Plus Transport. This rate element entitles the customer to the calling capabilities available for their serving central office as stated in the Local Exchange Tariff.

St. Louis, Missouri

(MT)

By CINDY BRINKLEY, President-Missouri Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company

Effective: September 27, 2002

(AT)

(AT)

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Service Tariff
Section 18
2nd Revised Sheet 2
Replacing 1st Revised Sheet 2

#### ACCESS ADVANTAGE PLUS SERVICE

#### 18.3 REGULATIONS

- A. The rules and regulations in this section are in addition to other rules and regulations as contained in this and other SWBT tariffs.
- B. Access Advantage Plus Service is intended for use by a specific customer at a designated location only. Any major changes requested by the customer to the service arrangement (e.g. change in service location) may result in a change of rates and charges.
- C. Customers purchasing this service and the connecting services must be end users purchasing the services for their own use, and not for sharing of the services.
- D. Provision of this service or of any specific element associated with this tariff is subject to the availability and operational limitations of the equipment and associated facilities.
- E. A variety of equipment and facilities may be used to provide this service. SWBT reserves the right to determine which shall be used and to make modifications at its option.

#### 18.4 SERVICE AVAILABILITY

Access Advantage Plus Service is available on a statewide basis subject to the availability of facilities, to customers in Local Access and Transport Areas (LATAs) served by SWBT. If the Access Advantage Plus customer also has SWBT provided DS3 service, the customer may utilize one DS1s worth of the DS3 bandwidth for each Access Advantage Plus Service purchased (in lieu of a dedicated DS1).

## 18.5 RESPONSIBILITY OF THE CUSTOMER

- A. The customer, upon request of SWBT, shall furnish such information as may be required to permit SWBT to design and maintain the service it offers and to assure that the service arrangement is in compliance with the provisions contained herein.
- B. It shall be the responsibility of the customer to ensure the continuing compatibility of customer-provided equipment or systems that are used in conjunction with this service, and the operating characteristics of such equipment or systems shall be such as not to interfere with any services offered by SWBT.
- C. The customer shall be responsible for the payment of a Customer Owned Equipment Trouble Isolation Charge also known as a Maintenance of Service Charge, as specified in the General Exchange Tariff, for each repair visit to the premises of a customer where the service trouble results from the use of equipment or systems provided by the customer.

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Digital Link Service Tariff Section 18 1st Revised Sheet 2 Replacing Original Sheet 2

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#### ACCESS ADVANTAGE PLUS SERVICE

JUL - 7 1999

#### 18.3 REGULATIONS

- A. The rules and regulations in this section are in addition to other rules and regulations as contained in this and other SWBT tariffs.
- (CT) B. Access Advantage Plus Service is intended for use by a specific customer at a designated location only. Any major changes requested by the customer to the service arrangement (e.g. change in service location) may result in a change of rates and charges.
  - C. Customers purchasing this service and the connecting services must be end users purchasing the services for their own use, and not for sharing of the services.
  - D. Provision of this service or of any specific element associated with this tariff is subject to the availability and operational limitations of the equipment and associated facilities.
  - E. A variety of equipment and facilities may be used to provide this service. SWBT reserves the right to determine which shall be used and to make modifications at its option.

#### 18.4 SERVICE AVAILABILITY

Access Advantage Plus Service is available on a statewide basis subject to the availability of facilities, to customers in Local Access and Transport Areas (LATAs) served by SWBT.

#### 18.5 RESPONSIBILITY OF THE CUSTOMER

- A. The customer, upon request of SWBT, shall furnish such information as may be required to permit SWBT to design and maintain the service it offers and to assure that the service arrangement is in compliance with the provisions contained herein.
- B. It shall be the responsibility of the customer to ensure the continuing compatibility of customerprovided equipment or systems that are used in conjunction with this service, and the operating characteristics of such equipment or systems shall be such as not to interfere with any services offered by SWBT.
- C. The customer shall be responsible for the payment of a Customer Owned Equipment Trouble Isolation Charge also known as a Maintenance of Service Charge, as specified in the General Exchange Tariff, for each repair visit to the premises of a customer where the service trouble results from the use of equipment or systems provided by the customer. Missouri Public

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**AUGUST 6, 1999** 

Issued:

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff Section 18 Original Sheet 2

#### INTEGRATED PATHWAY SERVICE

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#### 18.3 REGULATIONS

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- A. The rules and regulations in this section are in addition to other rules and regulations as contained in this and other SWBT tariffs.
- B. Integrated Pathway Service is intended for use by a specific customer at a designated location only. Any major changes requested by the customer to the service arrangement (e.g. change in service location) may result in a change of rates and charges.
- C. Customers purchasing this service and the connecting services must be end users purchasing the services for their own use, and not for sharing of the services.
- D. Provision of this service or of any specific element associated with this tariff is subject to the availability and operational limitations of the equipment and associated facilities.
- E. A variety of equipment and facilities may be used to provide this service. SWBT reserves the right to determine which shall be used and to make modifications at its option.

#### 18.4 SERVICE AVAILABILITY

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Integrated Pathway Service is available on a statewide basis subject to the availability of facilities, to customers in Local Access and Transport Areas (LATAs) served by SWBT.

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#### 18.5 RESPONSIBILITY OF THE CUSTOMER

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- A. The customer, upon request of SWBT, shall furnish such information as may be required to permit SWBT to design and maintain the service it offers and to assure that the service arrangement is in compliance with the provisions contained herein.
- B. It shall be the responsibility of the customer to ensure the continuing compatibility of customerprovided equipment or systems that are used in conjunction with this service, and the operating characteristics of such equipment or systems shall be such as not to interfere with any services offered by SWBT.
- C. The customer shall be responsible for the payment of a Customer Owned Equipment Trouble
  Isolation Charge also known as a Maintenance of Service Charge, as specified in the General
  Exchange Tariff, for each repair visit to the premises of a customer where the service trouble
  results from the use of equipment or systems provided by the customer.

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Digital Link Service Tariff
Section 18
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Replacing Original Sheet 3

#### (CT) ACCESS ADVANTAGE PLUS SERVICE

#### 18.6 RESPONSIBILITY OF SWBT

- (CT) A. The responsibility of SWBT in the provisioning of Access Advantage Plus Service shall be in accordance with the Rules and Regulations Applying to All Customers' Contracts as stated in the General Exchange Tariff.
  - B. The responsibility of SWBT shall be limited to the furnishing of network equipment suitable for this service and the maintenance and operation of such equipment in a manner appropriate for such service.
  - C. SWBT shall not be responsible for installation, operation or maintenance of any terminal equipment, data unit or communications systems provided by a customer. SWBT is not responsible for adapting this service to the technical requirements of any specific customerprovided equipment or systems.
  - D. SWBT shall not be responsible to the customer if changes in any of the equipment, operations, or procedures of SWBT used in the provision of this service render any customer-provided equipment or systems obsolete, or require modifications or alteration of such equipment or systems, or otherwise affect its use or performance, provided SWBT has met any applicable information disclosure requirements.

#### 18.7 APPLICATION OF RATES AND CHARGES

- (CT) A. Rates and charges for the Access Advantage Plus Cross-Connect element may include a fixed monthly recurring charge, an interoffice mileage charge, and a nonrecurring charge.
  - 1. Where the customer premises are served by the same serving office, a fixed monthly charge and a nonrecurring charge will apply.
  - 2. Where the customer premises are served by different serving offices, a fixed monthly recurring charge, an interoffice mileage charge and a nonrecurring charge will apply. Interoffice mileage charges are based on the V&H distance between the serving offices as specified in NECA Tariff FCC No. 4.
- (CT) B. Rates and charges for the Access Advantage Plus Transport element will always include a fixed monthly recurring charge and a nonrecurring charge.

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Digital Link Service Tariff Section 18 Original Sheet 3

#### INTEGRATED PATHWAY SERVICE

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#### 18.6 RESPONSIBILITY OF SWBT

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- A. The responsibility of SWBT in the provisioning of Integrated Pathway Service shall be in accordance with the Rules and Regulations Applying to All Customers' Contracts as stated in the General Exchange Tariff.
- B. The responsibility of SWBT shall be limited to the furnishing of network equipment suitable for this service and the maintenance and operation of such equipment in a manner appropriate for such service.
- C. SWBT shall not be responsible for installation, operation or maintenance of any terminal equipment, data unit or communications systems provided by a customer. SWBT is not responsible for adapting this service to the technical requirements of any specific customer-provided equipment or systems.
- D. SWBT shall not be responsible to the customer if changes in any of the equipment, operations, or procedures of SWBT used in the provision of this service render any customer-provided equipment or systems obsolete, or require modifications or alteration of such equipment or systems, or otherwise affect its use or performance, provided SWBT has met any applicable information disclosure requirements.

#### 18.7 APPLICATION OF RATES AND CHARGES

- A. Rates and charges for the Integrated Pathway Cross-Connect element may include a fixed monthly recurring charge, an interoffice mileage charge, and a nonrecurring charge.
  - Where the customer premises are served by the same serving office, a fixed monthly charge and a nonrecurring charge will apply.
  - 2. Where the customer premises are served by different serving offices, a fixed monthly recurring charge, an interoffice mileage charge and a nonrecurring charge will apply. Interoffice mileage charges are based on the V&H distance between the serving offices as specified in NECA Tariff FCC No. 4.
- B. Rates and charges for the Integrated Pathway Transport element will always include a fixed monthly recurring charge and a nonrecurring charge.

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Digital Link Service Tariff
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#### ACCESS ADVANTAGE PLUS SERVICE

#### 18.7 APPLICATION OF RATES AND CHARGES – (Continued)

- C. Rates and charges for the Integrated Voice Access Line and Access Advantage Plus Trunk will consist of only a monthly recurring charge as specified in 18.9 following.
- D. Rates and charges for the other services to be connected to Access Advantage Plus Service are specified in the applicable tariffs for those services.
- E. One End User Common Line (EUCL) charge as specified in Section 4 of Tariff FCC No. 73 will apply for each Integrated Voice Access Line, Access Advantage Plus Trunk, or Plexar Service connected to Access Advantage Plus Service.
- (AT)
   F. When utilizing an SWBT DS3 Service to deliver an Access Advantage Plus Service, a DS3 Port
   (AT)
   Charge is applied instead of the Access Advantage Plus Transport Charge.

#### 18.8 TERM PRICING PLAN (TPP)

- A. General
- 1. Access Advantage Plus Service may be ordered on a month-to-month basis or under the Term Pricing Plan (TPP). The TPP provides the customer the option of choosing either a one, two or three year initial service period.
- 2. TPP rates will be exempt from SWBT-initiated rate increases throughout the selected service period. Should SWBT increase its rates during the selected service period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under TPP.
- 3. Any decrease in TPP monthly recurring rates will be passed on to customers who participate in an applicable TPP.
- B. Terms and Conditions
- 1. The customer must specify the length of the initial service period at the time service is ordered.
  - 2. Integrated Voice Access Lines and Access Advantage Plus Trunks must have the same TPP service period as the associated Access Advantage Plus Transport elements.
    - 3. Access Advantage Plus Transport elements may have different TPP service periods even when ordered at the same time by the same customer.

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#### ACCESS ADVANTAGE PLUS SERVICE

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- 18.7 APPLICATION OF RATES AND CHARGES (Continued)
  - C. Rates and charges for the Integrated Voice Access Line and Access Advantage Plus Trunk will consist of only a monthly recurring charge as specified in 18.9 following.
- (CT) D. Rates and charges for the other services to be connected to Access Advantage Plus Service are specified in the applicable tariffs for those services.
- E. One End User Common Line (EUCL) charge as specified in Section 4 of Tariff FCC No. 73 will apply for each Integrated Voice Access Line, Access Advantage Plus Trunk, or Plexar Service (CT) connected to Access Advantage Plus Service.
  - 18.8 TERM PRICING PLAN (TPP)
    - A. General
- (CT)
  1. Access Advantage Plus Service may be ordered on a month-to-month basis or under the Term Pricing Plan (TPP). The TPP provides the customer the option of choosing either a one, two or three year initial service period.
  - 2. TPP rates will be exempt from SWBT-initiated rate increases throughout the selected service period. Should SWBT increase its rates during the selected service period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under TPP.
  - 3. Any decrease in TPP monthly recurring rates will be passed on to customers who participate in an applicable TPP.
  - B. Terms and Conditions
  - 1. The customer must specify the length of the initial service period at the time service is ordered.
- (CT)
   Integrated Voice Access Lines and Access Advantage Plus Trunks must have the same TPP
   (CT)
   service period as the associated Access Advantage Plus Transport elements.
- (CT) 3. Access Advantage Plus Transport elements may have different TPP service periods even when ordered at the same time by the same customer.

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Digital Link Service Tariff Section 18 Original Sheet 4

#### INTEGRATED PATHWAY SERVICE

Missouri Public Service Commission

18.7 APPLICATION OF RATES AND CHARGES – (Continued)

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- C. Rates and charges for the Integrated Voice Access Line and Integrated Pathway Trunk will consist of only a monthly recurring charge as specified in 18.9 following.
- D. Rates and charges for the other services to be connected to Integrated Pathway Service are specified in the applicable tariffs for those services.
- E. One End User Common Line (EUCL) charge as specified in Section 4 of Tariff FCC No. 73 will apply for each Integrated Voice Access Line, Integrated Pathway Trunk, or Plexar earlier D connected to Integrated Pathway Service.

#### 18.8 TERM PRICING PLAN (TPP)

A. General

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**Public Service Commission** 

- 1. Integrated Pathway Service may be ordered on a month-to-month basis of under the Term Pricing Plan (TPP). The TPP provides the customer the option of choosing either a one, two or three year initial service period.
- 2. TPP rates will be exempt from SWBT-initiated rate increases throughout the selected service period. Should SWBT increase its rates during the selected service period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under TPP.
- 3. Any decrease in TPP monthly recurring rates will be passed on to customers who participate in an applicable TPP.

#### B. Terms and Conditions

- 1. The customer must specify the length of the initial service period at the time service is ordered.
- 2. Integrated Voice Access Lines and Integrated Pathway Trunks must have the same TPP service period as the associated Integrated Pathway Transport elements.
- 3. Integrated Pathway Transport elements may have different TPP service periods even whe ordered at the same time by the same customer.

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FEB 2 4 1999 Issued:



Digital Link Services Tariff
Section 18
2nd Revised Sheet 5
Replacing 1st Revised Sheet 5

#### ACCESS ADVANTAGE PLUS SERVICE

#### 18.8 TERM PRICING PLAN (TPP) (cont'd)

#### C. Changes to TPPs

1. Prior to the expiration of the initial service period or extended service period, as described in 18.8.D.(Renewal) following, the customer may convert existing TPP services to a new TPP initial service period without incurring termination charges, provided the new initial service period is equal to or greater than the original initial service period.

Example: A customer with an existing two year TPP could convert to a new two or three year TPP at any time without incurring any termination charge.

If a customer requests an existing TPP to be converted to a month-to-month basis at any time
prior to the expiration of the initial service period or extended service period, the request will
be treated as a disconnect and new connect of service, and termination charges will apply.

(AT) (AT) 3. Customers may convert their Access Advantage Plus Transport to Transport provided from FCC Tariff 73 without incurring termination charges, provided the new service period is equal to or greater than the original service period.

#### D. Renewal

- The customer may elect to renew the TPP initial service period for one additional 12 month service period (extended service period) at the rates currently listed for the original initial service period.
- 2. The customer must provide SWBT with a written notice of intent to renew an existing TPP initial service period no later than 90 days prior to the expiration of the initial service period.
- If the customer elects not to renew the TPP or does not notify SWBT of its intent to renew, the
  service will then automatically be billed under the tariffed month-to-month rates in effect at the
  time the TPP initial service period expires.
- 4. At the end of an extended service period, the customer's service will automatically be billed under the tariffed month-to-month rates in effect at the time the extended service period expires unless the customer negotiates a new TPP initial service period or terminates service.

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Replacing Original Sheet 5

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## ACCESS ADVANTAGE PLUS SERVICE

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18.8 TERM PRICING PLAN (TPP) - (Continued)

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C. Changes to TPPs

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1. Prior to the expiration of the initial service period or extended service period, as described in 18.8.D.(Renewal) following, the customer may convert existing TPP services to a new TPP initial service period without incurring termination charges, provided the new initial service period is equal to or greater than the original initial service period.

Example: A customer with an existing two year TPP could convert to a new two or three year TPP at any time without incurring any termination charge.

2. If a customer requests an existing TPP to be converted to a month-to-month basis at any time prior to the expiration of the initial service period or extended service period, the request will be treated as a disconnect and new connect of service, and termination charges will apply.

#### D. Renewal

- 1. The customer may elect to renew the TPP initial service period for one additional 12 month service period (extended service period) at the rates currently listed for the original initial service period.
- 2. The customer must provide SWBT with a written notice of intent to renew an existing TPP initial service period no later than 90 days prior to the expiration of the initial service period.
- 3. If the customer elects not to renew the TPP or does not notify SWBT of its intent to renew, the service will then automatically be billed under the tariffed month-to-month rates in effect at the time the TPP initial service period expires.
- 4. At the end of an extended service period, the customer's service will automatically be billed under the tariffed month-to-month rates in effect at the time the extended service period expires unless the customer negotiates a new TPP initial service period or terminates service.

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#### INTEGRATED PATHWAY SERVICE

Missouri Public Sorvice Commission

18.8 TERM PRICING PLAN (TPP) - (Continued)

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#### C. Changes to TPPs

1. Prior to the expiration of the initial service period or extended service period, as described in 18.8.D.(Renewal) following, the customer may convert existing TPP services to a new TPP initial service period without incurring termination charges, provided the new initial service period is equal to or greater than the original initial service period.

Example: A customer with an existing two year TPP could convert to a new two or three year TPP at any time without incurring any termination charge.

2. If a customer requests an existing TPP to be converted to a month-to-month basis at any time prior to the expiration of the initial service period or extended service period, the request will be treated as a disconnect and new connect of service, and termination charges will apply.

#### D. Renewal

- 1. The customer may elect to renew the TPP initial service period for one additional 12 month service period (extended service period) at the rates currently listed for the original initial service period.
- 2. The customer must provide SWBT with a written notice of intent to renew an existing TPP initial service period no later than 90 days prior to the expiration of the initial service period.
- 3. If the customer elects not to renew the TPP or does not notify SWBT of its intent to renew, the service will then automatically be billed under the tariffed month-to-month rates in effect at the time the TPP initial service period expires.
- 4. At the end of an extended service period, the customer's service will automatically be billed under the tariffed month-to-month rates in effect at the time the extended service period expires unless the customer negotiates a new TPP initial service period or terminates service.

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Missouri Public Service Commission

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Service Tariff
Section 18

1<sup>st</sup> Revised Sheet 6
Replacing Original Sheet 6

#### (CT) ACCESS ADVANTAGE PLUS SERVICE

#### 18.8 TERM PRICING PLAN (TPP) - (Continued)

#### E. Upgrade in Service

- 1. A customer may upgrade a TPP (e.g. add additional Access Advantage Plus Transport elements) without incurring termination charges provided all of the following conditions are met:
  - the new service arrangement is provided to the same customer at the same location as the discontinued service, and
  - the customer's request for disconnection of the existing service and request for new service are received at the same time.
- 2. If the order to upgrade service does not meet the conditions above, it will be treated as a discontinuance of the existing service and establishment of a new service. All termination charges will then apply.
- 3. The monthly rates for the new service will be those in effect at the time the service is changed and applicable nonrecurring charges will apply to the new service.

#### F. Moves to a New Location

A customer with an existing TPP may request a move of the service to a new location, or a move and an upgrade, or a move and change of service. Nonrecurring charges will apply; termination charges will not apply.

#### G. Nonrecurring Charges

Issued: July 7, 1999

- 1. The nonrecurring charges as found in 18.9 following will apply for new service ordered under TPP.
- 2. If the customer chooses to convert existing service provided on a monthly rate basis to a TPP, no nonrecurring charges will apply.
- 3. If the customer chooses to convert existing service provided on TPP to a monthly rate basis or to another TPP, nonrecurring charges will apply and termination charges may be applicable.

Effective: August 6, 1999



Digital Link Service Tariff
Section 18
Original Sheet 6

#### INTEGRATED PATHWAY SERVICE

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18.8 TERM PRICING PLAN (TPP) - (Continued)

RECD FEB 2 3 1999

### E. Upgrade in Service

- 1. A customer may upgrade a TPP (e.g. add additional Integrated Pathway Transport elements) without incurring termination charges provided all of the following conditions are met:
  - the new service arrangement is provided to the same customer at the same location as the discontinued service, and
  - the customer's request for disconnection of the existing service and request for new service are received at the same time.
- If the order to upgrade service does not meet the conditions above, it will be treated as a
  discontinuance of the existing service and establishment of a new service. All termination
  charges will then apply.
- 3. The monthly rates for the new service will be those in effect at the time the service is changed and applicable nonrecurring charges will apply to the new service.

#### F. Moves to a New Location

A customer with an existing TPP may request a move of the service to a new location, or a move and an upgrade, or a move and change of service. Nonrecurring charges will apply; termination charges will not apply.

#### G. Nonrecurring Charges

- 1. The nonrecurring charges as found in 18.9 following will apply for new service ordered under TPP.
- 2. If the customer chooses to convert existing service provided on a monthly rate basis to a TPP, no nonrecurring charges will apply.
- 3. If the customer chooses to convert existing service provided on TPP to a monthly rate basis or to another TPP, nonrecurring charges will apply and termination charges may be applicable.

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Missouri Public Service Commission

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Digital Link Services Tariff Section 18 2nd Revised Sheet 7 Replacing 1st Revised Sheet 7

#### ACCESS ADVANTAGE PLUS SERVICE

- (CT) 18.8 TERM PRICING PLAN (TPP) (cont'd)
  - H. Termination Charges
    - Customers requesting to discontinue services provided under a TPP prior to the expiration of the Initial Service Period or Extended Service Period will incur termination charges. Payment of the termination charge does not release the customer from other previous amounts owed to the Company.
  - For TPPs which become effective on or after September 15, 2004:
    - in addition to any unpaid Special Construction or Nonrecurring Charges (excluding waived charges), customer termination liability for cancellation of Access Advantage Plus Service shall be equal to fifty percent (50%) of all recurring charges for the remaining months of the customer's TPP term

For TPPs in effect prior to September 15, 2004, the termination charge for the Initial Service Period shall be the lesser of:

- The difference between the Initial Service Period rates and charges for the completed months of the initial service term at the time of termination and the rates and charges for the next lower service term(1) actually completed plus interest charges based on the annuity factor discount rate, as stated in Section 17 of the General Exchange Tariff, in effect at the time of termination; or
- The monthly payments remaining on the service term.

Example: If the customer completes 27 months of a 36 month (3 year) service term, the first calculation of a termination charge will equal the difference between 27 months of rates and charges at the 3 year service term and 27 months of rates and charges at the 2 year service term (which is the next lower service term actually completed) plus interest at the annuity factor discount rate in effect at the time of termination. The second calculation will be the sum of the 9 remaining monthly payments of the 3-year service term. The termination charge is the lesser of the two calculations.

(1) If the service is terminated within the first 12 months, the calculation is based on month-to-month rates.

Issued: August 16, 2004 Effective: September 15, 2004

> By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

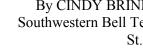


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GCESS ADVANTAGE PLUS SERVICE

Digital Link Service Tariff Section 18 1st Revised Sheet 7 Replacing Original Sheet 7

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JUL - 7 1999

18.8 TERM PRICING PLAN (TPP) - (Continued)

# H. Termination Charges

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- 1. Customers requesting to discontinue services provided under a TPP prior to the expiration of the Initial Service Period or Extended Service Period will incur termination charges. Payment of the termination charge does not release the customer from other pervious amounts owed to SWBT.
- 2. The termination charge for the Initial Service Period shall be the lesser of:
  - The difference between the Initial Service Period rates and charges for the completed months of the initial service term at the time of termination and the rates and charges for the next lower service term(1) actually completed plus interest charges based on the annuity factor discount rate, as stated in Section 17 of the General Exchange Tariff, in effect at the time of termination; or
  - The monthly payments remaining on the service term.

Example: If the customer completes 27 months of a 36 month (3 year) service term, the first calculation of a termination charge will equal the difference between 27 months of rates and charges at the 3 year service term and 27 months of rates and charges at the 2 year service term (which is the next lower service term actually completed) plus interest at the annuity factor discount rate in effect at the time of termination. The second calculation will be the sum of the 9 remaining monthly payments of the 3-year service term. The termination charge is the lesser of the two calculations.

- 3. The termination charges for the Extended Service Period shall be the lesser of:
  - The difference between the extended service period rates and the month-to-month rates for the months actually completed plus interest charges based on the annuity factor discount rate in effect at the time of termination; or
  - The monthly payments remaining on the service term.
- 4. If special construction was applied to the service being terminated, any termination charges associated with the special construction will also apply. Sarvico Commission

(1) If the service is terminated within the first 12 months, the calculation is based on month-torates.

**JULY 7, 1999** Issued:

Effective

**AUGUST 6, 1999** 

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

(CT)

Digital Link Service Tariff Section 18 Original Sheet 7

### INTEGRATED PATHWAY SERVICE

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18.8 TERM PRICING PLAN (TPP) - (Continued)

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# H. Termination Charges

- 1. Customers requesting to discontinue services provided under a TPP prior to the expiration of the Initial Service Period or Extended Service Period will incur termination charges. Payment of the termination charge does not release the customer from other pervious amounts owed to SWBT.
- 2. The termination charge for the Initial Service Period shall be the lesser of:
  - The difference between the Initial Service Period rates and charges for the completed months of the initial service term at the time of termination and the rates and charges for the next lower service term(1) actually completed plus interest charges based on the annuity factor discount rate, as stated in Section 17 of the General Exchange Tariff, in effect at the time of termination; or
  - The monthly payments remaining on the service term.

Example: If the customer completes 27 months of a 36 month (3 year) service term, the first calculation of a termination charge will equal the difference between 27 months of rates and charges at the 3 year service term and 27 months of rates and charges at the 2 year service term (which is the next lower service term actually completed) plus interest at the annuity factor discount rate in effect at the time of termination. The second calculation will be the sum of the 9 remaining monthly payments of the 3-year service term. The termination charge is the lesser of the two calculations.

- 3. The termination charges for the Extended Service Period shall be the lesser of:
  - The difference between the extended service period rates and the month-to-month NCELLED for the months actually completed plus interest charges based on the annuity factor discount rate in effect at the time of termination; or AUG 0 6 1999
  - The monthly payments remaining on the service term.

4. If special construction was applied to the service being terminated, any termination chargesourill associated with the special construction will also apply

Missouri Public (1) If the service is terminated within the first 12 months, the calculation is based on month-to-month rates. FILED APR 06 1999

Issued: FEB 2 4 1999

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Digital Link Services Tariff
Section 18
2nd Revised Sheet 8
Replacing 1st Revised Sheet 8

#### ACCESS ADVANTAGE PLUS SERVICE

(CT) 18.8 TERM PRICING PLAN (TPP) (cont'd)

(RT)

- (AT) H. Termination Charges (Cont'd)
  - 3. For TPPs which become effective on or after September 15, 2004:
    - in addition to any unpaid Special Construction or Nonrecurring Charges (excluding waived charges), customer termination liability for cancellation of Access Advantage Plus Service shall be equal to fifty percent (50%) of all recurring charges for the remaining months of the customer's TPP term

For TPPs in effect prior to September 15, 2004, the termination charges for the Extended Service Period shall be the lesser of:

- The difference between the extended service period rates and the month-to-month rates for the months actually completed plus interest charges based on the annuity factor discount rate in effect at the time of termination; or
- The monthly payments remaining on the service term.
- 4. If special construction was applied to the service being terminated, any termination charges associated with the special construction will also apply.

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Digital Link Service Tariff
Section 18
1st Revised Sheet 8
Replacing Original Sheet 8

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ACCESS ADVANTAGE PLUS SERVICE

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18.8 TERM PRICING PLAN (TPP) - (Continued)

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**JULY 7, 1999** 

Effective

**AUGUST 6, 1999** 

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff Section 18 Original Sheet 8

### INTEGRATED PATHWAY SERVICE

Missouri Public Sorvice Commission

18.8 TERM PRICING PLAN (TPP) - (Continued)

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Digital Link Services Tariff
Section 18
5th Revised Sheet 9
Replacing 4th Revised Sheet 9

#### ACCESS ADVANTAGE PLUS SERVICE

#### 18.9 RATES AND CHARGES

	10.7	KATES AND CHARGES	<u>USOC</u>	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>
	A.	Access Advantage Plus Transport  - Month-to-Month  - One year  - Two years  - Three years	EMZDX	\$400.00 400.00 375.00 330.00	\$2,500.00 1,000.00 500.00 None
(CR) (CR)	В.	Integrated Voice Access Line  1. Single Line  - Month-to-Month  - One year  - Two years  - Three years	1F7	16.00 15.20 9.00 8.60	None None None None
(CR)		<ul><li>Multi-Line</li><li>Month-to-Month</li><li>One year</li><li>Two years</li><li>Three years</li></ul>	1D8	25.00 19.00 14.00 13.60	None None None None
(CR)	C.	Access Advantage Plus Trunk - Month-to-Month - One year - Two years - Three years	P1++	25.00 19.00 14.00 13.60	None None None None
	D.	DS3 Port Charge - Month-to-Month - One year - Two years - Three years	EMZP1	350.00 220.00 200.00 185.00	1,500.00 750.00 250.00 0.00
	E.	<ul> <li>Access Advantage Plus Cross-Connect (each)</li> <li>Same Serving Office</li> <li>Different Serving Offices</li> <li>Fixed</li> </ul>	EMZCX EMZCF	10.00 25.00	175.00 350.00
		- Per Mile	1LNOX	2.00	None

Issued: September 9, 2003 Effective: October 9, 2003

November 4, 2003



# RECEIVED

Digital Link Service Tariff Section 18 4th Revised Sheet 9 Replacing 3rd Revised Sheet 9

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ACCESS ADVANTAGE PLUS SERVICE MISSOURI

18.9	RATES AND CHARGES	Public Service Commission

18.9	RATES AND CHARGES Public Servi	ce Commission		
			Monthly	Nonrecurring
		<u>USOC</u>	. Rate	<u>Charge</u>
Δ	Access Advantage Plus Transport	EMZDX		
7 1.	- Month-to-Month	DIVIZIOA	\$400.00	\$2,500.00
	- One year		400.00	1,000.00
	- Two years		375.00	500.00
	- Three years		330.00	None
В	Integrated Voice Access Line			
Σ.	imegrated voice recoss 2me			
	1. Single Line	1 <b>F</b> 7		
	- Month-to-Month		16.00	None
	- One year		15.20	None
	- Two years		14.40	None
	- Three years		13.60	None
	2 M 1/17	100		
	2. Multi-Line	1D8	25.00	3.1
	- Month-to-Month		25.00	None
	- One year		23.75	None
	- Two years		22.50	None
	- Three years		21.25	None
C.	Access Advantage Plus Trunk	P1++		
	- Month-to-Month		25.00	None
	- One year		23.75	None
	- Two years		22.50	None
	- Three years		21.25	None
	DS3 Port Charge CANCELLE	'n		
D.	DS3 Port Charge	EMZP1		
	- Month-to-Month NOV 0 4 200	3	\$350.00	\$1,500.00
	0	9	220.00	750.00
	- Two years	1	200.00	250.00
	- Three years Public service Com	unssion	185.00	0.00
E.	Access Advantage Plus Cross-Connect (eacl			
	1. Same Serving Office	EMZCX	10.00	175.00
	2. Different Serving Offices			
	- Fixed	EMZCF	25.00	350.00
	- Per Mile	1LNOX	2.00	None
	- I CL MILIC	ILINOA	2.00	

Issued: December 28, 2000

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Effective: January 27, 2001

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By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Public Service Commission

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Digital Link Service Tariff Section 18 3<sup>rd</sup> Revised Sheet 9 Replacing 2<sup>nd</sup> Revised Sheet 9

# ACCESS AND SISTEMAN PLUS SERVICE

18.9 RATES AND CHARGE	S MISSOURI Public Service Comm	ni <b>ssion</b> USOC	Monthly . Rate	Nonrecurring <u>Charge</u> .
A. Access Advantage Plus Tra - Month-to-Month - One year - Two years - Three years	nsport	EMZDX	\$400.00 400.00 375.00 (CR) 330.00	\$2,500.00 1,000.00 500.00 None
B. Integrated Voice Acces	s Line			
<ol> <li>Single Line</li> <li>Month-to-Month</li> <li>One year</li> <li>Two years</li> <li>Three years</li> </ol>	CANCELLED	1F7	16.00 15.20 14.40 13.60	None None None None
2. Multi-Line - Month-to-Month - One year - Two years - Three years	JAN 27 2001 JAN 27 2001 JAN 27 2001 MISSOURI	1D8	25.00 23.75 22.50 21.25	None None None None
C. Access Advantage Plus - Month-to-Month - One year - Two years - Three years	Trunk	P1++	25.00 23.75 22.50 21.25	None None None None
D. Access Advantage Plus	Cross-Connect (each)			
1. Same Serving Office	ce	EMZCX	10.00	175.00
<ul><li>2. Different Serving (</li><li>- Fixed</li><li>- Per Mile</li></ul>		EMZCF ILNOX	25.00 2.00	350.00 None
	FILED			

AUG 01 2000

Issued:

June 30, 2000 MISSOURI Public Service Commission

Effective:

August 1, 2000

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff
Section 18
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Replacing 1st Revised Sheet 9

### ACCESS ADVANTAGE PLUS SERVICE

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18.9 RATES AND CHARGES			D FEB 28 2000
	USOC	Monthly . Rate	Nonrecurring <a href="Charge">Charge</a> .
	<u>030C</u>	. Nate	Charge
A. Access Advantage Plus Transport	EMZDX		
- Month-to-Month		(CR) \$400.00	\$2,500.00
- One year		400.00	1,000.00
- Two years		375.00	500.00
- Three years		(CR) 333.00	None
B. Integrated Voice Access Line			
1. Single Line	1 <b>F</b> 7		
- Month-to-Month		16.00	None
- One year		15.20	None
- Two years		14.40	None
- Three years		13.60	None
2. Multi-Line	1D8		
- Month-to-Month		25.00	None
- One year		23.75	None
- Two years		22.50	None
- Three years		21.25	None
C. Access Advantage Plus Trunk	P1++		
- Month-to-Month		25.00	None
- One year		23.75	None
- Two years		22.50	None
- Three years		21.25	None
D. Access Advantage Plus Cross-Connect (each)			
1. Same Serving Office	EMZCX	10.00	175.00
2. Different Serving Offices			
- Fixed	<b>EMZCF</b>	25.00	350.00

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None

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Issued: MARCH 1, 2000

- Per Mile

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MARCH 31, 2000

2.00

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff
Section 18
1st Revised Sheet 9
Replacing Original Sheet 9

(CT)

# ACCESS ADVANTAGE PLUS SERVICE

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10./	IVALLO	$\alpha$	V 1 1/2 1	バヘレっ

		USOC MO. P	UBL Month VIC	Nonrecurring . Charge .
(CT)	A. Access Advantage Plus Transport  - Month-to-Month  - One year  - Two years  - Three years	EMZDX	\$500.00 500.00 425.00 375.00	\$2,500.00 1,000.00 500.00 None
	B. Integrated Voice Access Line			
	1. Single Line - Month-to-Month - One year - Two years - Three years  2. Multi-Line - Month-to-Month - One year - Two years - Two years - Three years - Three years	1F7 1D8	16.00 15.20 14.40 13.60 25.00 23.75 22.50 21.25	None None None None None None None None
(CT)	<ul> <li>C. Access Advantage Plus Trunk</li> <li>- Month-to-Month</li> <li>- One year</li> <li>- Two years</li> <li>- Three years</li> </ul>	P1++	25.00 23.75 22.50 21.25	None None None
(CT)	D. Access Advantage Plus Cross-Connect (each)			
	1. Same Serving Office	EMZCX	10.00	175.00
	<ul><li>2. Different Serving Offices</li><li>- Fixed</li><li>- Per Mile</li></ul>	EMZCF ILNGX	35 QU 25 00 Y	olie 350.00 Iosi None
			1110 0	4 m 60 m

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Issued:

**JULY 7, 1999** 

Effective

**AUGUST 6, 1999** 

Digital Link Service Tariff Section 18 Original Sheet 9

# Missouri Public Sorvico Commission

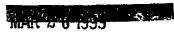
# INTEGRATED PATHWAY SERVICE

		RECT) FEB 2 3 1999	
18.9 RATES AND CHARGES	USOC	Monthly . Rate .	Nonrecurring . Charge .
A. Integrated Pathway Transport	EMZDX		
- Month-to-Month		\$500.00	\$2,500.00
- One year		500.00	1,000.00
- Two years		425.00	500.00
- Three years		375.00	None
B. Integrated Voice Access Line			
1. Single Line CANCELLED	1F7	ŀ	
- Winnin-Winnin		16.00	None
- One year 0 6 1999		15.20	None
- Two years AUG 0 1000		14.40	None
- One year - Two years - Three years  By Sarvice Commission	n	13.60	None
- Three years  By Service Commission  2. Multi-Line Public Service MISSOURI  - Month-to-Month	1D8		
- Month-to-Month		25.00	None
- One year		23.75	None
- Two years		22.50	None
- Three years		21.25	None
C. Integrated Pathway Trunk	P1++		
- Month-to-Month		25.00	None
- One year		23.75	None
- Two years		22.50	None
- Three years		21.25	None
D. Integrated Pathway Cross-Connect (each)			
1. Same Serving Office	EMZCX	10.00	175.00
2. Different Serving Offices		•	
- Fixed	<b>EMZCF</b>	25.00	350.00
- Per Mile	<b>1LNOX</b>	2.00	None
		Miss	souri Public Commiss

FILED APR 06 1999

Issued: FEB 2 4 1999

Effective:



CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 18
2nd Revised Sheet 10
Replacing 1st Revised Sheet 10

#### ACCESS ADVANTAGE PLUS SERVICE

#### 18.10 PROMOTIONS

This section provides for promotions that will be available under the Access Advantage Plus tariff and, unless otherwise stated, the Rules and Regulations for Access Advantage Plus will apply. The rules and regulations are in addition to other rules and regulations as contained in this and other the Company tariffs.

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Issued: August 16, 2004

FILED MO PS

Effective: September 15, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Digital Link Service Tariff
Section 18
1st Revised Sheet 10
Replacing Original Sheet 10

(CT)

ACCESS ADVANTAGE PLUS SERVICE

JUL - 7 1999

18.10 PROMOTIONS

MO. PUBLIC SERVICE CUMM

(CT) (CT) This section provides for promotions that will be available under the Access Advantage Plus tariff and, unless otherwise stated, the Rules and Regulations for Access Advantage Plus will apply. The rules and regulations are in addition to other rules and regulations as contained in this and other SWBT tariffs.

18.10.1 Access Advantage Plus

(CT)

Access Advantage Plus offers business customers the opportunity to receive a discount as a credit on their monthly bill if they purchase Access Advantage Plus Transport and 10 Integrated Voice Access Lines (IVALs) on a three year Term Pricing Plan (TPP) along with specified options. The 10 IVALs must be subscribed to Caller ID Name & Number and an Optional Calling Plan (OCP). This promotion will be available from June 11, 1999 through September 7, 1999.

18.10.2 General

- A. Access Advantage Plus can only be ordered on a 3 year TPP.
- B. Customers who subscribe to the TPP option will have their Installation Charges for IVALs, Caller ID Name & Number Delivery and OCP waived.
- C. Customers may add additional IVALs with Caller ID Name & Number Delivery and OCP to their existing TPP at a (the same) discount for the duration of the service agreement within the 89 day promotional period.

18.10.3 Upgrade to new Term Pricing Plan

(CT)

A customer may upgrade their current Access Advantage Plus TPP to a new Access Advantage Plus TPP equal to or greater in length than the original service agreement as stated in 18.8.C, however, the promotional discount will only apply for the first 36 months from the beginning of the original TPP. Rates and charges in effect at the time of the upgrade will be applied to the new TPP.

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Missouri Public Service Commission

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FILED AUG - 6 1999

Issued: J

JULY 7, 1999

Effective:

**AUGUST 6, 1999** 

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff
Section 18
RECEIVE Original Sheet 10

# INTEGRATED PATHWAY SERVICE MAY 12 1999

18.10 PROMOTIONS

MO. PUBLIC SERVICE COMM

This section provides for promotions that will be available under the Integrated Pathway tariff and, unless otherwise stated, the Rules and Regulations for Integrated Pathway will apply. The rules and regulations are in addition to other rules and regulations as contained in this and other SWBT tariffs.

18.10.1 Access Advantage Plus

Access Advantage Plus offers business customers the opportunity to receive a discount as a credit on their monthly bill if they purchase Integrated Pathway Transport and 10 Integrated Voice Access Lines (IVALs) on a three year Term Pricing Plan (TPP) along with specified options. The 10 IVALs must be subscribed to Caller ID Name & Number and an Optional Calling Plan (OCP). This promotion will be available from June 11, 1999 through September 7, 1999.

#### 18.10.2 General

- A. Access Advantage Plus can only be ordered on a 3 year TPP.
- B. Customers who subscribe to the TPP option will have their Installation Charges for IVALs, Caller ID Name & Number Delivery and OCP waived.
- C. Customers may add additional IVALs with Caller ID Name & Number Delivery and OCP to their existing TPP at a (the same) discount for the duration of the service agreement within the 89 day promotional period.

18.10.3 Upgrade to new Term Pricing Plan

A customer may upgrade their current Access Advantage Plus TPP to a new Integrated Pathway TPP equal to or greater in length than the original service agreement as stated in 18.8.C, however, the promotional discount will only apply for the first 36 months from the beginning of the original TPP. Rates and charges in effect at the time of the upgrade will be applied to the new TPP.

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By Service Commission
MISSOURI

Missouri Public Sorvice Commission

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Section 18
2nd Revised Sheet 11
Replacing 1st Revised Sheet 11

#### ACCESS ADVANTAGE PLUS SERVICE

(CT) 18.10 PROMOTIONS (cont'd)

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Issued: August 16, 2004

Effective: September 15, 2004

CANCEL EDIO.-No. 38

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

SEP 1 5 2004 Service Commission ANTAGE PLUS SERVICE

Digital Link Service Tariff Section 18 1st Revised Sheet 11 Replacing Original Sheet 11

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18.10 PROMOTIONS – (Continued)

18.10.4 Termination Charges

A. Customers requesting to discontinue services provided under the TPP, agreement or contract, prior to the expiration of the agreement may be subject to termination charges.

- B. Payment of the termination charge does not release the customer from other previous amounts owed to the Telephone Company.
- C. The termination charge shall be the lesser of: the difference between the rates and charges (including the effect of the discount) for the completed months of the service term at the time of termination and the rates and charges for the completed month-to-month rates, plus interest charges based on the approved discount rate or the remaining monthly payments on the service term without the discount.

#### 18.10.5 Rates and Charges

The rates and charges for the individual services apply in addition to the established rates and charges for the IVALs associated with this promotion.

	Access Advantage Plus Multiline Package of 10 IVALs, Caller ID Name & Number	<u>USOC</u>	Monthly Credit
(CT)	Delivery, OCP and the Access Advantage Plus Transport	C7RAM	\$250.00
	Additional IVALs (11-24) can be added within the 90 day promotional period, each IVAL Multiline	C7RAN	\$10.75
(CT)	Access Advantage Plus Single Line Package of 10 IVALs, Caller ID Name & Number Delivery, OCP and the Access Advantage Plus Transport	i Public mrkiksion	\$175.00
	Additional IVALs (11-24) can be added within FILED AUG the 90 day promotional period, each IVAL, Single Line	- 6 1999 rcrab	\$8.10

**JULY 7, 1999** Issued:

Effective:

**AUGUST 6, 1999** 

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

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Digital Link Service Tariff Section 18 Original Sheet 11

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#### INTEGRATED PATHWAY SERVICE

MAY 1 2 1999

# 18.10 PROMOTIONS - (Continued)

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#### 18.10.4 Termination Charges

- A. Customers requesting to discontinue services provided under the TPP, agreement or contract, prior to the expiration of the agreement may be subject to termination charges.
- B. Payment of the termination charge does not release the customer from other previous amounts owed to the Telephone Company.
- C. The termination charge shall be the lesser of: the difference between the rates and charges (including the effect of the discount) for the completed months of the service term at the time of termination and the rates and charges for the completed month-to-month rates, plus interest charges based on the approved discount rate or the remaining monthly payments on the service term without the discount.

#### 18.10.5 Rates and Charges

The rates and charges for the individual services apply in addition to the established rates and charges for the IVALs associated with this promotion.

Access Advantage Plus Multiline Package CANCELLED	USOC	Monthly Credit
of to tyals, Canel in Maine & Munici		
Delivery, OCP and the Integrated Pathway AUG 0 6 1999 Transport  By Service Committee 90 day promotional period, each IVAL Multiline	C7RAM	\$250.00
Additional IVALs (11-24) can be applied in Figs OUR	221011	
the 90 day promotional period, each IVAL		
Multiline	C7RAN	\$10.75
Access Advantage Plus Single Line Package of 10 IVALs, Caller ID Name & Number Delivery, OCP and the Integrated Pathway		
Transport	RCRAA	\$175.00
Additional IVALs (11-24) can be added within the 90 day promotional period, each IVAL,		
Single Line	RCRAB -	\$8.10

Issued:

MAY 1 2 1999

Effective:

JUN 1 1 1999

By PRISCILLA HILL-ARDOIN, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri Missouri Public Service Commission

FILED JUN 1 1 1999

Digital Link Services Tariff
Section 18
6th Revised Sheet 12
Replacing 5th Revised Sheet 12

#### ACCESS ADVANTAGE PLUS SERVICE

#### 18.10 PROMOTIONS (cont'd)

# (FC) 18.10.1 IVAL VIP Promotion

#### A. Description

The IVAL VIP Promotion begins May 4, 2003 and ends November 4, 2003. Qualified business customers who order a minimum combination of eight single line and/or multi-line Integrated Voice Access Lines (IVALs) during this promotional period will receive reduced rates for the first year of service, as outlined below.

#### B. General

- 1. Service must be ordered under a one year Term Pricing Plan and is subject to Rules and Regulations as outlined in this Section unless otherwise stated.
- 2. Order must include a minimum of eight single line or multi-line Integrated Voice Access Lines at a single location.
- 3. Discounted rate for the single line IVAL tariffed element is \$8.60 per month.
- 4. Discounted rate for the multi-line IVAL tariffed element is \$13.60 per month.
- 5. Discounted rate will be effective for the first year of service, beginning with the date of installation.
- 6. This promotion is not renewable.

#### C. Rates and Charges

<u>Description</u>	<u>USOC</u>	Monthly Rates
Single-line IVAL	FJ7	\$ 8.60
Multi-line IVAL	FH8	13.60

Issued: August 16, 2004 Effective: September 15, 2004



Digital Link Services Tariff
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Replacing 4th Revised Sheet 12

ACCESS ADVANTAGE PLUS SERVICE

Missouri Public Service Commission

18.10 PROMOTIONS (cont'd)

18.10.6 IVAL VIP Promotion

REC'D APR 24 2003

A. Description

(CT)

The IVAL VIP Promotion begins May 4, 2003 and ends November 4, 2003. Qualified business customers who order a minimum combination of eight single line and/or multi-line Integrated Voice Access Lines (IVALs) during this promotional period will receive reduced rates for the first year of service, as outlined below.

#### B. General

- 1. Service must be ordered under a one year Term Pricing Plan and is subject to Rules and Regulations as outlined in this Section unless otherwise stated.
- 2. Order must include a minimum of eight single line or multi-line Integrated Voice Access Lines at a single location.
- 3. Discounted rate for the single line IVAL tariffed element is \$8.60 per month.
- 4. Discounted rate for the multi-line IVAL tariffed element is \$13.60 per month.
- Discounted rate will be effective for the first year of service, beginning with the date of installation.
- This promotion is not renewable.

### C. Rates and Charges

<u>Description</u>	CANCELLED	<u>USOC</u>	Monthly Rates
Single-line IVAL	_	FJ7	\$ 8.60
Multi-line IVAL	SEP 1 5 2004  LANCE SOLVICE COMMISSION  MISSOURI	FH8	13.60
	Public Service Commission MISSOURI	)	

Issued: April 24, 2003 Effective: May 4, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff Section 18 4th Revised Sheet 12 Replacing 3rd Revised Sheet 12

#### ACCESS ADVANTAGE PLUS SERVICE

#### 18.10 PROMOTIONS (cont'd)

Missouri Public

18.10.6 IVAL VIP Promotion

REC'D DEC 02 2002

#### A. Description

(CT) (CT) The IVAL VIP Promotion begins January 1, 2003 and ends May 3, 2003. Qualified business customers who order a minimum combination of eight single line and/or multi-line Integrated Voice Access Lines (IVALs) during this promotional period will receive reduced rates for the first year of service, as outlined below.

#### B. General

- Service must be ordered under a one year Term Pricing Plan and is subject to Rules and Regulations as outlined in this Section unless otherwise stated.
- 2. Order must include a minimum of eight single line or multi-line Integrated Voice Access Lines at a single location.
- 3. Discounted rate for the single line IVAL tariffed element is \$8.60 per month.
- 4. Discounted rate for the multi-line IVAL tariffed element is \$13.60 per month.
- 5. Discounted rate will be effective for the first year of service, beginning with the date of installation.
- 6. This promotion is not renewable.

Missouri Public Service Commission

### C. Rates and Charges

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<u>Description</u>		<u>USOC</u>	Monthly Rates
Single-line IVAL	CANCELLED	′ FJ7	\$ 8.60
Multi-line IVAL	MAY 0 4 2003	FH8	13.60
	SWIS 12		
	-uplic Service Comunission		

Issued: December 2, 2002

Effective: January 1, 2003

Digital Link Services Tariff
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3rd Revised Sheet 12
Replacing 2nd Revised Sheet 12

ACCESS ADVANTAGE PLUS SERVICE

Missouri Public

18.10 PROMOTIONS (cont'd)

REC'D SEP 2 7 2002

(AT) 18.10.6 IVAL VIP Promotion

# A. Description

Service Commission

The IVAL VIP Promotion is a 57-day promotion beginning November 5, 2002 and ending December 31, 2002. Qualified business customers who order a minimum combination of eight single line and/or multi-line Integrated Voice Access Lines (IVALs) during this promotional period will receive reduced rates for the first year of service, as outlined below.

#### B. General

- 1. Service must be ordered under a one year Term Pricing Plan and is subject to Rules and Regulations as outlined in this Section unless otherwise stated.
- 2. Order must include a minimum of eight single line or multi-line Integrated Voice Access Lines at a single location.
- 3. Discounted rate for the single line IVAL tariffed element is \$8.60 per month.
- 4. Discounted rate for the multi-line IVAL tariffed element is \$13.60 per month.
- 5. Discounted rate will be effective for the first year of service, beginning with the date of installation.

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6. This promotion is not renewable.

# C. Rates and Charges

Description	CANCELLIA 2003	<u>USOC</u>	Monthly <u>Rates</u>
Single-line IVAL	JAN 0 1 2003	FJ7	\$ 8.60
Multi-line IVAL	L. CONTRACTION	FH8	13.60
	Buplic Solle 2000		

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Issued: September 27, 2002

Effective: November 5, 2002

By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Goppanyouri Public
St. Louis, Missouri

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Digital Link Service Tariff

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2nd Revised Sheet 12

Replacing 1st revisedSheet 12

ACCESS ADVANTAGE PLUS SERVICE

Missouri Public Service Commission

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FILED JUL 0 5 2000

Issued: June 5, 2000

Effective: July 5, 2000

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff Section 18 1<sup>st</sup> Revised Sheet 12 Replacing Original Sheet 12

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#### ACCESS ADVANTAGE PLUS SERVICE

JUL - 7 1999

#### 18.11 SBC FRAME ADVANTAGE

SBC Frame Advantage offers Access Advantage Plus business customers the opportunity to receive a discount as a one time credit in the 15<sup>th</sup> month of the contract as a credit on their

monthly bill if they purchase Access Advantage Plus Transport which carries 56/64kbps or 128kbps frame relay service on a three year Term Pricing Plan (TPP). The discount for a Frame Advantage 56/64kbps circuit is \$300 and for a 128kbps circuit is \$600. This promotion will be available from June 11, 1999 through September 7, 1999.

#### 18.11.1 General

- A. SBC Frame Advantage can only be ordered on a 3 year TPP.
- (CT) B. Customers who subscribe to the TPP option will have their Installation Charges for the Access (CT) Advantage Plus, and Frame Relay service waived.
  - 18.11.2 Upgrade to new Term Pricing Plan
- A customer may upgrade their current SBC Frame Advantage TPP to a new Access Advantage Plus TPP equal to or greater in length than the original service agreement, as stated in 18.8.C, without losing the credit in the 15<sup>th</sup> month counting from the beginning of the original TPP There is no additional discount 15 months into the new TPP. Rates and charges in effect at the time of the upgrade will be applied to the new TPP.

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FILED AUG - 6 1999

Issued:

JULY 7, 1999

Effective:

**AUGUST 6, 1999** 

Digital Link Service Tariff
Section 18
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INTEGRATED PATHWAY SERVICE

MAY 12 1999

#### 18.11 SBC FRAME ADVANTAGE

### MO. PUBLIC SERVICE COMM

SBC Frame Advantage offers Integrated Pathway business customers the opportunity to receive a discount as a one time credit in the 15<sup>th</sup> month of the contract as a credit on their monthly bill if they purchase Integrated Pathway Transport which carries 56/64kbps or 128kbps frame relay service on a three year Term Pricing Plan (TPP). The discount for a Frame Advantage 56/64kbps circuit is \$300 and for a 128kbps circuit is \$600. This promotion will be available from June 11, 1999 through September 7, 1999.

#### 18.11.1 General

- A. SBC Frame Advantage can only be ordered on a 3 year TPP.
- B. Customers who subscribe to the TPP option will have their Installation Charges for the Integrated Pathway, and Frame Relay service waived.
- 18.11.2 Upgrade to new Term Pricing Plan

A customer may upgrade their current SBC Frame Advantage TPP to a new Integrated Pathway TPP equal to or greater in length than the original service agreement, as stated in 18.8.C, without losing the credit in the 15<sup>th</sup> month counting from the beginning of the original TPP There is no additional discount 15 months into the new TPP. Rates and charges in effect at the time of the upgrade will be applied to the new TPP.

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Digital Link Service Tariff
Section 18
2nd Revised Sheet 13
Replacing 1<sup>st</sup> Revised Sheet 13

#### ACCESS ADVANTAGE PLUS SERVICE

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Issued: June 5, 2000 Effective: July 5, 2000



Digital Link Service Tariff
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1st Revised Sheet 13
Replacing Original Sheet 13

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#### ACCESS ADVANTAGE PLUS SERVICE

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18.11 SBC FRAME ADVANTAGE – (Continued)

JUL - 7 1999

18.11.3 Termination Charges

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- A. Customers requesting to discontinue services provided under the TPP, agreement or contract, prior to the expiration of the agreement may be subject to termination charges.
- B. Payment of the termination charge does not release the customer from other previous amounts owed to the Telephone Company.
- C. The termination charge shall be the lesser of: the difference between the rates and charges (including the effect of the discount) for the completed months of the service term at the time of termination and the rates and charges for the completed month-to-month rates, plus interest charges based on the approved discount rate or the remaining monthly payments on the service term.

#### 18.11.5 Rates and Charges

The rates and charges for the Frame Relay Ports apply in addition to the established rates and charges for the Access Advantage Plus rate elements associated with this promotion.

	USOC	One Time Credit
SBC Frame Advantage Credit given in		
the 15th month:		
- 56/64kbps circuit	C7RAO	\$300.00
- 128 kbps circuit	C7RAP	\$600.00

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Missouri Public Service Commission

FILED AUG - 6 1999

Issued:

JULY 7, 1999

Effective:

**AUGUST 6, 1999** 

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff Section 18 Original Sheet 13

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#### INTEGRATED PATHWAY SERVICE

MAY 1 2 1999

18.11 SBC FRAME ADVANTAGE – (Continued)

#### 18.11.3 Termination Charges

MO. PUBLIC SERVICE COMM

- A. Customers requesting to discontinue services provided under the TPP, agreement or contract, prior to the expiration of the agreement may be subject to termination charges.
- B. Payment of the termination charge does not release the customer from other previous amounts owed to the Telephone Company.
- C. The termination charge shall be the lesser of: the difference between the rates and charges (including the effect of the discount) for the completed months of the service term at the time of termination and the rates and charges for the completed month-to-month rates, plus interest charges based on the approved discount rate or the remaining monthly payments on the service term.

#### 18.11.5 Rates and Charges

The rates and charges for the Frame Relay Ports apply in addition to the established rates and charges for the Integrated Pathway rate elements associated with this promotion.

	USOC	One Time Credit
SBC Frame Advantage Credit given in the 15th month:	<del></del>	
- 56/64kbps circuit	C7RAO	\$300.00
- 128 kbps circuit CANC	ELLED C7RAP	\$600.00

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Effective:

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Digital Link Service Tariff
Section 18
2ndRevised Sheet 14
Replacing 1<sup>st</sup> Revised Sheet 14

#### ACCESS ADVANTAGE PLUS SERVICE

#### (FC) 18.11 ACCESS ADVANTAGE PLUS OPTIONS

Access Advantage Plus Options allows business customers to purchase a plan designed to provide discounted optional services and a reduced Integrated Voice Access Line (IVAL)

Access Advantage Plus Transport on a three year Term Pricing Plan.

#### (CT)(FC) 18.11.1 Service Components

- A. Access Advantage Plus Transport
- B. One (1) Integrated Voice Access Line (IVAL)
- C. At Least One (1) of the following Optional Services:
- Call Management Services: Caller ID (Name and Number), Call Transfer Disconnect or Call Forwarding
- Optional Calling Plan (OCP): 1+Saver- Option E
- (FC) 18.11.2 Term Pricing Plan (TPP)
  - A. Access Advantage Plus Options can only be ordered on a three year TPP.
  - B. TPP rates for Access Advantage Plus Options will be exempt from SWBT initiated rate increases throughout the service term. Should SWBT increase its rates during the service term, the existing customer will be grandfathered and will continue to pay the rate in effect at the time the customer elected to establish service under the TPP.
  - C. Any decrease in the TPP monthly rates will be passed on to customers who participate in an applicable TPP under this tariff.
  - D. Customers who subscribe to the TPP option will have their initial nonrecurring charges for

Call Management Services and OCPs waived.

Issued: June 5, 2000 Effective: July 5, 2000



Digital Link Service Tariff
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Replacing Original Sheet 14

#### ACCESS ADVANTAGE PLUS SERVICE

#### 18.12 ACCESS ADVANTAGE PLUS OPTIONS

Access Advantage Plus Options allows business customers to purchase a plan designed to provide discounted optional services and a reduced Integrated Voice Access Line (IVAL) over a reduced Access Advantage Plus Transport on a three year Term Pricing Plan.

18.12.1 Promotion Components

A. Access Advantage Plus Transport

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B. One (1) Integrated Voice Access Line (IVAL)

MISSOURI
Public Service Commission

C. At Least One (1) of the following Optional Services:

- Call Management Services: Caller ID (Name and Number), Call Transfer Disconnect or Call Forwarding
- Optional Calling Plan (OCP): 1+Saver- Option E

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#### 18.12.2 Term Pricing Plan (TPP)

- A. Access Advantage Plus Options can only be ordered on a three year TPP.
- B. TPP rates for Access Advantage Plus Options will be exempt from SWBT initiated rate increases throughout the service term. Should SWBT increase its rates during the service term, the existing customer will be grandfathered and will continue to pay the rate in effect at the time the customer elected to establish service under the TPP.
- C. Any decrease in the TPP monthly rates will be passed on to customers who participate in an applicable TPP under this tariff.
- D. Customers who subscribe to the TPP option will have their initial nonrecurring charges for Call Management Services and OCPs waived.

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Public Service Commission

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Issued: **APRIL 11, 2000** 

Effective:

MAY 11, 2000

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff
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#### ACCESS ADVANTAGE PLUS SERVICE



#### 18.12 ACCESS ADVANTAGE PLUS OPTIONS

REC'D OCT 1 3 1999

Access Advantage Plus Options allows business customers to purchase a plan designed to provide discounted optional services and a reduced Integrated Voice Access Line (IVAL) over a reduced Access Advantage Plus Transport on a three year Term Pricing Plan. This promotion will be available from November 12, 1999 through May 10, 2000.

#### 18.12.1 Promotion Components

- A. Access Advantage Plus Transport
- B. One (1) Integrated Voice Access Line (IVAL)
- C. At Least One (1) of the following Optional Services:
  - Call Management Services: Caller ID (Name and Number), Call Transfer Disconnect or Call Forwarding
  - Optional Calling Plan (OCP): 1+Saver- Option E
  - Frame Relay Digital Service(1)

#### 18.12.2 Term Pricing Plan (TPP)

- A. Access Advantage Plus Options can only be ordered on a three year TPP.
- B. TPP rates for Access Advantage Plus Options will be exempt from SWBT initiated rate increases throughout the service term. Should SWBT increase its rates during the service term, the existing customer will be grandfathered and will continue to pay the rate in effect at the time the customer elected to establish service under the TPP.
- C. Any decrease in the TPP monthly rates will be passed on to customers who participate in an applicable TPP under this tariff.
- D. Customers who subscribe to the TPP option will have their initial nonrecurring charges for Call Management Services, OCPs and Frame Relay Digital Service waived.

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(1)So long as SWBT offers this service.

Issued: October 13, 1999

Effective: November 12, 1999

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No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
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#### ACCESS ADVANTAGE PLUS SERVICE

- (CT) 18.11 ACCESS ADVANTAGE PLUS OPTIONS (cont'd)
- (CT) 18.11.2 Term Pricing Plan (TPP) (cont'd)
  - E. Customers may add additional optional services to their existing TPP at the same discounts and reductions for the duration of the service agreement within the promotional period.
  - F. A customer may upgrade their current Access Advantage Plus Options TPP to a new Access Advantage Plus Options TPP equal to or greater than the original service agreement without incurring termination charges. Rates and charges in effect at the time will be applied to the new TPP.

#### 18.11.3 Termination Charges

- A. Customers requesting to discontinue services provided under the TPP, agreement or contract, prior to the expiration of the agreement may be subject to termination charges.
- B. Payment of the applicable termination charge will not release the customer from other charges previously incurred and owed to the Company.
- C. For TPPs which become effective on or after September 15, 2004:
  - in addition to any unpaid Special Construction or Nonrecurring Charges (excluding waived charges), customer termination liability for cancellation of Access Advantage Plus Options Service shall be equal to fifty percent (50%) of all recurring charges for the remaining months of the customer's TPP term.

For TPPs in effect prior to September 15, 2004, the termination charge shall be:

- the lesser of the difference between the rates and charges paid for the completed months of the service term at the time of termination and the tariff month-to-month rates and charges for such months plus interest charges based on the approved discount rate in effect at the time of termination; or the remaining monthly payments on the service term.

Issued: August 16, 2004 Effective: September 15, 2004

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Digital Link Service Tariff
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Replacing 1<sup>st</sup> Revised Sheet 15

#### ACCESS ADVANTAGE PLUS SERVICE

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(FC) 18.11 ACCESS ADVANTAGE PLUS OPTIONS – (Continued)

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- (FC) 18.11.2 Term Pricing Plan (TPP) (Continued)
  - E. Customers may add additional optional services to their existing TPP at the same discounts and reductions for the duration of the service agreement within the promotional period.
  - F. A customer may upgrade their current Access Advantage Plus Options TPP to a new Access Advantage Plus Options TPP equal to or greater than the original service agreement without incurring termination charges. Rates and charges in effect at the time will be applied to the new TPP.
- (FC) 18.11.3 Termination Charges
  - A. Customers requesting to discontinue services provided under the TPP, agreement or contract, prior to the expiration of the agreement may be subject to termination charges.
  - B. Payment of the applicable termination charge will not release the customer from other charges previously incurred and owed to SWBT.
  - C. The termination charge shall be the lesser of the difference between the rates and charges paid for the completed months of the service term at the time of termination and the tariff monthto-month rates and charges for such months plus interest charges based on the approved discount rate in effect at the time of termination; or the remaining monthly payments on the service term.

(FC) 18.11.4 Rates and Charges

J		<u>USOC</u>	Monthly <u>Rate</u>
Access Advantage Plus Tran	nsport	EMZDX	\$280.00(CR)
Integrated Voice Access Lir	ne - Single-line	1F7	\$ 6.00
CANCELLED	Multi-line	1D8	6.00

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Issued: June 5, 2000 Effective: July 5, 2000

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#### ACCESS ADVANTAGE PLUS SERVICE

18.12 ACCESS ADVANTAGE PLUS OPTIONS – (Continued)

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18.12.2 Term Pricing Plan (TPP) – (Continued)

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Public Service Commission

- E. Customers may add additional optional services to their existing TPP at the same discounts and reductions for the duration of the service agreement.
- F. A customer may upgrade their current Access Advantage Plus Options TPP to a new Access Advantage Plus Options TPP equal to or greater than the original service agreement without incurring termination charges. Rates and charges in effect at the time will be applied to the new TPP.

#### 18.12.3 Termination Charges

- A. Customers requesting to discontinue services provided under the TPP, agreement or contract, prior to the expiration of the agreement may be subject to termination charges.
- B. Payment of the applicable termination charge will not release the customer from other charges previously incurred and owed to SWBT.
- C. The termination charge shall be the lesser of the difference between the rates and charges paid for the completed months of the service term at the time of termination and the tariff monthto-month rates and charges for such months plus interest charges based on the approved discount rate in effect at the time of termination; or the remaining monthly payments on the service term.

	18.12.4	Rates and Charges		<u>USOC</u>	Monthly <u>Rate</u>
(CT)		Access Advantage Plus Transp	port	EMZDX	\$280.00 (CR)
		Integrated Voice Access Line	Single-line	1F7	\$ 6.00
(CT)			Multi-line	1D8	6.00

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Issued: **APRIL 11, 2000** 

Effective:

MAY 11, 2000

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff
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#### Missouri Public Service Commission

#### ACCESS ADVANTAGE PLUS SERVICE

18.12 ACCESS ADVANTAGE PLUS OPTIONS – (Continued)

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- 18.12.2 Term Pricing Plan (TPP) (Continued)
  - E. Customers may add additional optional services to their existing TPP at the same discounts and reductions for the duration of the service agreement within the promotional period.
  - F. A customer may upgrade their current Access Advantage Plus Options TPP to a new Access Advantage Plus Options TPP equal to or greater than the original service agreement without incurring termination charges. Rates and charges in effect at the time will be applied to the new TPP.

#### 18.12.3 Termination Charges

- A. Customers requesting to discontinue services provided under the TPP, agreement or contract, prior to the expiration of the agreement may be subject to termination charges.
- B. Payment of the applicable termination charge will not release the customer from other charges previously incurred and owed to SWBT.
- C. The termination charge shall be the lesser of the difference between the rates and charges paid for the completed months of the service term at the time of termination and the tariff month-to-month rates and charges for such months plus interest charges based on the approved discount rate in effect at the time of termination; or the remaining monthly payments on the service term.

18.12.4	Rates and Charges		<u>USOC</u>	Monthly <u>Rate</u>
	Access Advantage Plus Transp	oort	RCRAH	\$325.00
	Integrated Voice Access Line	Single-line	RCRAC	\$ 6.00
		Multi-line	RCRAD	6.00

**CANCELLED** 

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Public Service Commission
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FILED NOV 1 2 1999

Issued: October 13, 1999 Effective: November 12, 1999

Digital Link Services Tariff
Section 18
3rd Revised Sheet 16
Replacing 2nd Revised Sheet 16

#### ACCESS ADVANTAGE PLUS SERVICE

- (CT) 18.11 ACCESS ADVANTAGE PLUS OPTIONS (cont'd)
- (RT) 18.11.4 Rates and Charges

	<u>Description</u>	<u>USOC</u>	Monthly Rates
(MT)	Access Advantage Plus Transport	EMZDX	\$280.00
(MT)	Integrated Voice Access Line – - Single-line - Multi-line	1F7 1D8	6.00 6.00
	Call Transfer Disconnect	FG3	7.50
	Call Forwarding	ESM	3.00
	Caller ID (Name and Number)	NSD, NMP	4.75
	Optional Calling Plans - 1 Hr. Block of Time - Additional Per Minute of Use	OLKBX	4.17 .13

Issued: August 16, 2004 Effective: September 15, 2004



Digital Link Service Tariff Section 18 2nd Revised Sheet 16 Replacing 1st Revised Sheet 16

**RECD JUN 0 5 2000** 

#### ACCESS ADVANTAGE PLUS SERVICE

(FC)	18.11 ACCESS ADVANTAGE PLUS OPTIONS –	18.11 ACCESS ADVANTAGE PLUS OPTIONS – (Continued)		
(FC)	18.11.4 Rates and Charges – (Continued)  Monthly  Rate		<u>USOC</u>	
	Call Transfer Disconnect	FG3	\$ 7.50	
	Call Forwarding	ESM	3.00	
	Caller ID (Name and Number)	NSD, NMP	4.75	
	Optional Calling Plans			
	- 1 Hr. Block of Time Additional Per Minute of Use	OLKBX	\$ 4.17 .13	

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FILED JUL 0 5 2000

Issued: June 5, 2000 Effective: July 5, 2000

Digital Link Service Tariff Section 18 1st Revised Sheet 16 Replacing Original Sheet 16

#### ACCESS ADVANTAGE PLUS SERVICE

#### 18.12 ACCESS ADVANTAGE PLUS OPTIONS – (Continued)

18.	12.4 Rates and Charges – (Continued)	<u>USOC</u>	Monthly <u>Rate</u>
(CT)	Call Transfer Disconnect	FG3	\$ 7.50
	Call Forwarding	ESM	3.00
	Caller ID (Name and Number)	NSD, NMP	4.75
	Optional Calling Plans		
(CT)	- 1 Hr. Block of Time Additional Per Minute of Use	OLKBX	\$ 4.17 .13
(RT)		RE(	CEIVED
		ΔΡΙ	2 0 5 2000

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MISSOURI Public Service Commission

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MAY 11 2000

MISSOURI Public Service Commission

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**APRIL 11, 2000** Issued:

Effective:

MAY 11, 2000

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff Section 18 Original Sheet 16

# Missouri Public Sorvice Commission

#### ACCESS ADVANTAGE PLUS SERVICE

18.12 ACCESS ADVANTAGE PLUS OPTIONS – (Con	tinued)	RECD OCT 1 3 1999
18.12.4 Rates and Charges - (Continued)	USOC	Monthly Ra <u>te</u>
Call Transfer Disconnect	RCRAE	\$ 7.50
Call Forwarding	RCRAF	3.00
Caller ID (Name and Number)	RCRAG	4.75
Optional Calling Plans		
- 1 Hr. Block of Time Additional Per Minute of Use	RCRAJ	\$ 4.17 .13
Frame Relay Digital Service(1)		

LOQUX

LOQVX

LCN5X

LCN6X

Site Links - 56 Kbps

- 384 Kbps

- 384 Kbps

Logical Links - 56 Kbps

## CANCELLED

MAY 1 1 2000 By 15± RS 16 Public Service Commission

\$ 82.12

146.25

\$ 4.00 10.00

FILED NOV 1 2 1999

(1)So long as SWBT offers this service.

Issued: October 13, 1999

Effective: November 12, 1999

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

(MT)

(MT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 19
4th Revised Sheet 1
Replacing 3rd Revised Sheet 1

#### GIGAMAN® SERVICE

#### 1. GENERAL DESCRIPTION

GigaMAN (Gigabit Metro Area Network) Service is an intraLATA dedicated high capacity service limited to the transport of data signals between customer stations. GigaMAN provides for the transmission of data at a discrete bit rate of 1 Gigabit per second (Gbps) in Ethernet format (Ethernet IEEE 802.3). GigaMAN is available in a point-to-point (node-to-node) configuration.

GigaMAN Service can be used to seamlessly extend customer local area networks to off-site locations such as data centers, storage locations or satellite office locations within the same metro area. Applications that could be used with GigaMAN Service include LAN-to-LAN connectivity, CAD/CAM file transfer, telemedicine and business continuity transport.

This service is competitively classified.

#### 2. REGULATIONS

In addition to the regulations contained in this tariff, the following regulations apply to GigaMAN.

- 2.1 This service is only available to customers in those LATAs served by and within the service territories of the Company.
- 2.2 The services provided for GigaMAN are primarily designed to meet the private line communications requirements of business customers, i.e., non-interexchange carriers.
- 2.3 A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff or in the event that the protective controls applied by the Company result in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported to the Company and the Company confirms that continuity has been lost, and ends when the service is operative.

In case of an interruption to service, allowance for the period of interruption, if not due to the negligence of the customer or the customer's end user, shall be as follows: no credit shall be allowed for an interruption of less than 10 seconds. The customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 10/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues. The credit allowance(s) for service interruptions shall not exceed 100% of the applicable monthly rates.

GigaMAN is a registered trademark of SBC Communications, Inc.

Issued: December 10, 2004 Effective: January 10, 2005

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri





P.S.C. Mo.- No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

### Missouri Public

Digital Link Services Tariff Section 19 3rd Revised Sheet 1 Replacing 2nd Revised Sheet 1

RECTO SEP 23 2003 GIGAMAN® SERVICE

(CT)

GENERAL DESCRIPTION

Service Commission

(CT) GigaMAN (Gigabit Metro Area Network) Service is an intraLATA dedicated high capacity service limited to the transport of data signals between customer stations. GigaMAN provides for the transmission of data at a discrete bit rate of I Gigabit per second (Gbps) in Ethernet format (CT) (Ethernet IEEE 802.3). GigaMAN is available in a point-to-point (node-to-node) configuration.

GigaMAN Service can be used to seamlessly extend customer local area networks to off-site locations such as data centers, storage locations or satellite office locations within the same metro (CT) area. Applications that could be used with GigaMAN Service include LAN-to-LAN connectivity, CAD/CAM file transfer, telemedicine and business continuity transport.

(RT)

(RT)

(CT)

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(RT)

CANCELLED

JAN 1 0 2005

This service is competitively classified.

Public Service Commission

2. REGULATIONS

In addition to the regulations contained in this tariff, the following regulations apply to GigaMAN.

- 2.1 This service is only available to customers in those LATAs served by and within the service territories of the Company.
- 2.2 The services provided for GigaMAN are primarily designed to meet the private line communications requirements of business customers, i.e., non-interexchange carriers.

(MT) CT) (MT)(CT) 2.3 A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff or in the event that the protective controls applied by the Company result in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported to the Company and the Company confirms that continuity has been lost, and ends when the service is operative.

(CT) GigaMAN is a registered trademark of SBC Communications, Inc.

Issued: September 23, 2003

Effective: October 24, 2003 Missouri Fublic Service Commission

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

FILÉD OCT 24 2003

Digital Link Services Tariff Section 19 2nd Revised Sheet 1 Replacing Ast Bevised Special Service Commission

SBC GIGAMAN<sup>SM</sup> SERVICE

#### **General Description**

RECTI JUL 03 2002

SBC GigaMAN (Gigabit Metro Area Network) Service is an intraLATA dedicated high capacity channel limited to the transport of data signals between customer stations. GigaMAN provides for the transmission of data at a discrete bit rate of 1 Gigabit per second (Gbps) in Ethernet format (Ethernet IEEE 802.3). GigaMAN is available in a point to point (premise to premise) configuration.

(AT)(AT) GigaMAN Service can be used to seamlessly extend customer local area networks to off-site locations such as data centers, storage locations or satellite office locations within the same metro area. Applications that could be used with GigaMAN Service include medical imaging, transport, CAD/CAM file transfer, telemedicine and business continuity transport.

(AT)(AT) A central office-based mid-span repeater may be required to connect two customer locations. based on the end-to-end distance between these locations. This network function is subject to additional charges, as described below in Rates and Charges.

This service is competitively classified.

#### Regulations

In addition to the regulations contained in this tariff, the following regulations apply to GigaMAN.

- 2.1 This service is available to customers in those LATAs served by and within the service territories of Southwestern Bell Telephone Company (SWBT) only.
- 2.2 The services provided for GigaMAN are primarily designed to meet the private line communications requirements of business customers, i.e., non-interexchange carriers, and the regulations herein reflect reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services. This assistance includes, but is not limited to, advice as to which private line service best meets the customer's requirements, taking into consideration the customer's present and future communications needs. In addition, SWBT will continue to assist and advise the customer and cooperatively respond to the requirements of the customer until such time as the private line service is discontinued. The aforementioned level of assistance is considered to be part of the private line service offering and will be provided at no additional charge.

(MT)

(MT)

GigaMAN is a service mark of SBC Communications, Inc.

Public Service Commission

Effective: August 5, 2002

Issued: July 5, 2002

By CINDY BRINKLEY, President-Missouri

Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri
Missouri Public
Service Commission

FILED AUG 05 2002

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Digital Link Services Tariff
Section 19
1st Revised Sheet 1
Replacing Original Sheet 1

SBC GIGAMANS SERVICED 5 2002
By ZNOLPS

1. General Description

SBC GigaMAN (Gigabit Metro Area Network) Service is an intraLATA dedicated high capacity channel limited to the transport of data signals between customer stations. GigaMAN provides for the transmission of data at a discrete bit rate of 1 Gigabit per second (Gbps) in Ethernet format (Ethernet IEEE 802.3). GigaMAN is available in a point to point (premise to premise) configuration.

GigaMAN may be used to provide Local Area Network (LAN) to LAN interconnection service through a transparent, native rate, interface. Interface technical specifications are found under paragraph 4 of this section.

(AT) This service is competitively classified.

**REC'D FEB 2 0 2002** 

2. Regulations

Service Commission

In addition to the regulations contained in this tariff, the following regulations apply to GigaMAN.

- 2.1 This service is available to customers in those LATAs served by and within the service territories of Southwestern Bell Telephone Company (SWBT) only.
- 2.2 The services provided for GigaMAN are primarily designed to meet the private line communications requirements of business customers, i.e., non-interexchange carriers, and the regulations herein reflect reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services. This assistance includes, but is not limited to, advice as to which private line service best meets the customer's requirements, taking into consideration the customer's present and future communications needs. In addition, SWBT will continue to assist and advise the customer and cooperatively respond to the requirements of the customer until such time as the private line service is discontinued. The aforementioned level of assistance is considered to be part of the private line service offering and will be provided at no additional charge.
- 2.3 A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff or in the event that the protective controls applied by the Telephone Company results in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported to the Telephone Company and the Company confirms that continuity has been lost, and ends when the service is operative.

In case of an interruption to service, allowance for the period of interruption, if not due to the negligence of the customer or the customer's end user, shall be as follows: no credit shall be allowed for an interruption of less than 10 seconds. The customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 1/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues. The credit allowance(s) for service interruptions shall not exceed 100% of the applicable monthly rates.

Issued: February 20, 2002

Effective: March 22, 400

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company ri MAR 12 2 2002
St. Louis, Missouri

FILED MAR 2 9 2002

Service Commission

Digital Link Service Tariff
Section 19
Original Sheet 1

SERVICE EC 0 1 2000

1. General Description

MISSOURI Public Service Commission

SBC GigaMAN (Gigabit Metro Area Network) Service is an intraLATA dedicated high capacity channel limited to the transport of data signals between customer stations. GigaMAN provides for the transmission of data at a discrete bit rate of 1 Gigabit per second (Gbps) in Ethernet format (Ethernet IEEE 802.3). GigaMAN is available in a point to point (premise to premise) configuration.

GigaMAN may be used to provide Local Area Network (LAN) to LAN interconnection service through a transparent, native rate, interface. Interface technical specifications are found under paragraph 4 of this section.

#### 2. Regulations

In addition to the regulations contained in this tariff, the following regulations apply to GigaMAN.

- 2.1 This service is available to customers in those LATAs served by and within the service territories of Southwestern Bell Telephone Company (SWBT) only.
- 2.2 The services provided for GigaMAN are primarily designed to meet the private line communications requirements of business customers, i.e., non-interexchange carriers, and the regulations herein reflect reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services. This assistance includes, but is not limited to, advice as to which private line service best meets the customer's requirements, taking into consideration the customer's present and future communications needs. In addition, SWBT will continue to assist and advise the customer and cooperatively respond to the requirements of the customer until such time as the private line service is discontinued. The aforementioned level of assistance is considered to be part of the private line service offering and will be provided at no additional charge.
- 2.3 A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff or in the event that the protective controls applied by the Telephone Company results in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported to the Telephone Company and the Company confirms that continuity has been lost, and ends when the service is operative.

In case of an interruption to service, allowance for the period of interruption, if not due to the negligence of the customer or the customer's end user, shall be as follows: no credit shall be allowed for an interruption of less than 10 seconds. The customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 1/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues. The credit allowance(s) for service interruptions shall not exceed 100% of the applicable monthly rates.

Issued: December 4, 2000

Effective Amina JAN 12 2001

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri
Public S

Public Service Commission

Digital Link Services Tariff
Section 19
3rd Revised Sheet 2
Replacing 2nd Revised Sheet 2

## GIGAMAN® SERVICE

#### 2. REGULATIONS (cont'd)

#### 2.3 (cont'd)

(MT)

(CT)

The Company's failure to provide or maintain services under this tariff shall be excused by force majeure events such as, but not limited to, an earthquake, hurricane, flood, fire, storms, tornadoes, explosion, lightning, power surges or failure, fiber cuts, strikes or labor disputes, acts of war, civil disturbances, acts of civil or military authorities or public enemy, governmental orders, civil commotion, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control.

(CT)
(AT)

#### 2.4 Protection Options

A Service Level Agreement (SLA) is offered with fully-protected GigaMAN Service, which provides the customer with a performance commitment that includes a service credit if the service does not perform as described. An SLA of 99.999% Service Availability performance is offered on a GigaMAN circuit with Protection (defined as Equipment Plus Fiber Path Protection for every segment of the circuit). Service Availability will be determined using unavailable seconds as defined in ANSI T1.503-2002 (see *Technical Specification Packages* following).

- SLAs are applicable to customers who purchase Equipment Plus Fiber Path Protection with Alternate Wire Center Path Protection or Equipment Plus Fiber Path Protection with Local Channel Path Protection on both ends of a circuit (both local channels), as well as Inter-Wire Center Path Protection, when applicable.
- If this SLA is not met, or if there is any single event of unavailability of service of 10 seconds or more, the customer will be entitled to a credit equal to 100% of the monthly rate for the circuit. Only one such credit in a billing period will apply.
- In order to qualify for this credit, the event causing the unavailability must be determined by the Company to be in its network and the failure occurred in that part of the service with Protection.
- SLA adjustments are not available in the event of a cable cut in any unprotected portion of the GigaMAN Service fiber path or due to customer-requested modifications to the service that may require down time. Routine maintenance is not counted against unavailability.
- The customer is responsible for notifying the Company when the service parameter within the calendar month falls below the committed level.
- The customer must request a service credit within 25 calendar days after the unavailability event occurred.

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Issued: December 10, 2004 Effective: January 10, 2005

Digital Link Services Tariff
Section 19

## Missourl Public

2nd Revised Sheet 2 Replacing 1st Revised Sheet 2

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2. REGULATIONS (cont'd)

### Service Commission

2.3 (cont'd)

In case of an interruption to service, allowance for the period of interruption, if not due to the negligence of the customer or the customer's end user, shall be as follows: no credit shall be allowed for an interruption of less than 10 seconds. The customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 10/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues. The credit allowance(s) for service interruptions shall not exceed 100% of the applicable monthly rates.

- (CT) The Company's failure to provide or maintain services under this tariff shall be excused by labor difficulties, governmental orders, civil commotion, criminal actions taken against the Company, (CT) acts of God and other circumstances beyond The Company's reasonable control.
  - 3. PROVISION OF SERVICE

(RT)

- (FC) 3.1 The Customer Provided Equipment (CPE) must deliver the data signals for GigaMAN transport
   (AT) within the industry specification for the subscribed data service. Interface specifications are as specified in the SBC Technical Specifications Packages listed in Paragraph E.
- (FC) 3.2 GigaMAN provides physical layer transport only. The Company assumes no responsibility for the through transmission of signals by CPE, for the quality of or defects in such transmission, for the reception of signals by CPE, or address signaling to the extent addressing is performed by CPE. Error detection and correction of data generated by CPE is the customer's responsibility.
- (FC) 3.3 GigaMAN is designed to provide connectivity at the discrete bit rate of 1 Gigabit per second (Gbps). The service is considered interrupted when the customer reports to the Company and the Company confirms that continuity has been lost.

CANCELLED

JAN 1:0 2005 By Brown 2 2 Public Service Commission

Issued: September 23, 2003

Effective: October 24, 2003

By CINDY BRINKLEY, President-SBC Missouri

Southwestern Bell Telephone, L.P., d/b/a SBC Missouri

St. Louis, Missouri

Digital Link Services Tariff Section 19 1st Revised Sheet 2 Replacing Original Shikit? Service Commission

#### SBC GIGAMAN<sup>SM</sup> SERVICE

RECD JUL 03 2002

#### 2. Regulations (cont'd)

2.3 A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff or in the event that the protective controls applied by the Telephone Company results in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported to the Telephone Company and the Company confirms that continuity has been lost, and ends when the service is operative.

In case of an interruption to service, allowance for the period of interruption, if not due to the negligence of the customer or the customer's end user, shall be as follows: no credit shall be allowed for an interruption of less than 10 seconds. The customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 1/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues. The credit allowance(s) for service interruptions shall not exceed 100% of the applicable monthly rates.

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

#### 3. Provision of Service

- 3.1 The customer interface to GigaMAN is at the Node Service site. Interface specifications are as specified in the SBC Technical Specifications Packages listed in Paragraph 5.
- 3.2 The customer provided equipment must deliver the data signals for GigaMAN transport within the industry specification for the subscribed data service.
- 3.3 GigaMAN provides physical layer transport only. The Company assumes no responsibility for the through transmission of signals generated by CPE, for the quality of or defects in such transmission, for the reception of signals by CPE, or address signaling to the extent addressing is performed by CPE. Error detection and correction of data generated by CPE is the customer's responsibility.

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Issued: July 5, 2002

Effective: August 5, 2002

By CINDY BRINKLEY, President-Missouri

Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company Missouri Public

St. Louis, Missouri

FILED AUG 05 2002

Service Commission

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Digital Link Service Tariff Section 19 Original Sheet 2

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Regulations (cont'd) 2.

2.3 (cont'd)

MISSOURI **Public Service Commission** 

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

#### 3. Provision of Service

- The customer interface to GigaMAN is at the Node Service site. Interface specifications are as 3.1 specified in the SBC Technical Specifications Packages listed in Paragraph 5.
- 3.2 The customer provided equipment must deliver the data signals for GigaMAN transport within the industry specification for the subscribed data service.
- 3.3 GigaMAN provides physical layer transport only. The Company assumes no responsibility for the through transmission of signals generated by CPE, for the quality of or defects in such transmission, for the reception of signals by CPE, or address signaling to the extent addressing is performed by CPE. Error detection and correction of data generated by CPE is the customer's responsibility.
- GigaMAN is designed to provide connectivity at the discrete bit rate of 1 Gbps. The service is considered interrupted when the customer reports to the Company and the Company confirms that continuity has been lost.
- SBC GigaMAN Service is limited to a distance of approximately 50 route kilometers or less, or a 3.5 maximum fiber optic loss between nodes of 29dB.

#### 4. **Channel Types**

- 1 Gbps GigaMAN channel: an intraLATA dedicated high capacity channel, limited to the transport of data signals between customer stations. GigaMAN provides for the transmission of data at a discrete bit rate of 1 Gigabit per second (Gbps) in Ethernet format (Ethernet IEEE 802.3).

FILED

JAN 12 2001

Issued: December 4, 2000

MISSOURI Public Servitander

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

JAN 1 2 2001

(MT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 19 Original Sheet 2.1

#### GIGAMAN® SERVICE

#### (MT) 3. PROVISION OF SERVICE

- 3.1 The Customer Provided Equipment (CPE) must deliver the data signals for GigaMAN transport within the industry specification for the subscribed data service. Interface specifications are as specified in the SBC Technical Specifications Packages listed in Paragraph E.
- 3.2 GigaMAN provides physical layer transport only. The Company assumes no responsibility for the through transmission of signals by CPE, for the quality of or defects in such transmission, for the reception of signals by CPE, or address signaling to the extent addressing is performed by CPE. Error detection and correction of data generated by CPE is the customer's responsibility.
- 3.3 GigaMAN is designed to provide connectivity at the discrete bit rate of 1 Gigabit per second (Gbps). The service is considered interrupted when the customer reports to the Company and the Company confirms that continuity has been lost.
- 3.4 The provision of GigaMAN Service is subject to the availability and operational limitations of the equipment and associated facilities. In the event that suitable facilities are not available, or modifications to existing facilities are required, Special Construction charges may be applicable as set forth in Section 1, Paragraph 1.4.4 of this tariff.
- 3.5 Repeaters (circuit regenerators) will be located in Company wire centers as required. A monthly charge will be associated with each repeater network element, except for the first repeater in a circuit path (as the first repeater is also used for service alarming and monitoring purposes).

Issued: December 10, 2004 Effective: January 10, 2005

Digital Link Services Tariff Section 19 3rd Revised Sheet 3 Replacing 2nd Revised Sheet 3

#### GIGAMAN® SERVICE

#### PROVISION OF SERVICE (cont'd)

(MT) (AT)

(AT)

- 3.6 Additional repeaters (circuit regenerators) may be required on the diverse or alternately routed path when Protection options are ordered by the customer. The need for repeaters on the protected path will be determined by the Company. Additional charges will apply.
  - 3.7 If Protection Options are added to an existing GigaMAN circuit that was installed after December 19, 2003, a temporary service interruption will result as the new protected circuit must be re-designed and re-installed. Termination Charges will not apply for the circuit redesign (see Term Pricing Plan following for requirements). This installation must occur during an agreedupon maintenance window between a designated customer representative and the Company. The customer will be responsible for providing adequate floor space, as determined by the Company, to accommodate additional equipment bays and related power protection equipment (such as batteries). Protection Options are contingent on availability of equipment and fiber facilities from premise to premise. Other Special Construction charges, as necessary, may apply.
  - 3.8 Interoffice Channel Mileage charges are applicable on both paths of the GigaMAN Service when any of the Protection Options are ordered.

#### 4. **CHANNEL TYPES**

1 Gbps GigaMAN channel: an intraLATA dedicated high capacity channel, limited to the transport of data signals between customer stations. GigaMAN provides for the transmission of data at a discrete bit rate of 1 Gbps in Ethernet format (Ethernet IEEE 802.3z).

#### TECHNICAL SPECIFICATION PACKAGES 5

Technical specifications for GigaMAN Service are described in the following technical references:

(AT) (AT)	Ethernet Standards for the SBC Local Exchange Companies Network Performance Parameters for Dedicated Digital Services – Definitions and Measurements	SBC-TP-76412-000 ANSI T1.503-2002
(CT)		

(CT) The SBC publication can be obtained from: (CT) SBC Help Desk and Document Center

(CT) (517) 788-6872 (RT)

(AT) The ANSI publication can be obtained from:

Alliance for Telecommunications Industry Solutions 1200 G. Street, NW Suite 500

(AT) Washington, DC 20005

Issued: December 10, 2004

Effective: January 10, 2005

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff

Section 19

Missouri Public

2nd Revised Sheet 3

Replacing 1st Revised Sheet 3

GIGANRECO SERVICE 2 3 2003 (CT)

## PROVISION OF SERVICE (cont'd) Service Commission

- (FC) 3.4 The provision of GigaMAN Service is subject to the availability and operational limitations of the equipment and associated facilities. In the event that suitable facilities are not available, or modifications to existing facilities are required, Special Construction charges may be applicable as set forth in Section 1, Paragraph 1.4.4 of this tariff.
- (AT) 3.5 Repeaters (circuit regenerators) will be located in Company wire centers as required. A monthly charge will be associated with each repeater network element, except for the first repeater in a (AT) circuit path (as the first repeater is also used for service alarming and monitoring purposes).

#### 4. CHANNEL TYPES

(AT)

- 1 Gbps GigaMAN channel: an intraLATA dedicated high capacity channel, limited to the transport of data signals between customer stations. GigaMAN provides for the transmission of data at a discrete bit rate of 1 Gbps in Ethernet format (Ethernet IEEE 802.3z).

#### TECHNICAL SPECIFICATION PACKAGES

Technical specifications for GigaMAN Service are described in the following technical references:

(CT) Ethernet Standards for the SBC Local Exchange Companies SBC-TP-76412-000

These publications may be obtained from:

SBC Technical Information Resource Management 2000 West Ameritech Center Drive 3B72E Hoffman Estates, Illinois 60196

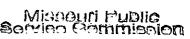
CANCELLED

JAN 1 0 2005 By BreiRS3 vice Commission

Issued: September 23, 2003

Effective: October 24, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri Society Commission St. Louis, Missouri



Digital Link Services Tariff
Section 19
1st Revised Sheet 3
Replacing Original Sheet 3
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Service Commission

#### SBC GIGAMAN<sup>SM</sup> SERVICE

(MT) 3. Provision of Service (cont'd)

RECT JUL 03 2002

(MT)

3.4 GigaMAN is designed to provide connectivity at the discrete bit rate of 1 Gbps. The service is considered interrupted when the customer reports to the Company and the Company confirms that continuity has been lost.

(CT)

3.5 The provision of GigaMAN Service is subject to the availability and operational limitations of the equipment and associated facilities. In the event that suitable facilities are not available, or modifications to existing facilities are required. Special Construction charges may be applicable as set forth in Section 1, Paragraph 1.4.4 of the Digital Link Service Tariff.

(CT)
(MT)

#### 4. Channel Types

- 1 Gbps GigaMAN channel: an intraLATA dedicated high capacity channel, limited to the transport of data signals between customer stations. GigaMAN provides for the transmission of data at a discrete bit rate of 1 Gigabit per second (Gbps) in Ethernet format (Ethernet IEEE 802.3).

(MT)

#### 5. Technical Specification Packages

Technical specifications for SBC GigaMAN Service are described in the following technical references:

(CT)

GigaMAN - Gigabit Metropolitan Area Network

SBC 002-200-033

These publications may be obtained from:

SBC Technical Information Resource Management 2000 West Ameritech Center Drive 3B72E Hoffman Estates, Illinois 60196

(MT)

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Public Service Commission

(MT)

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By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri
Service Commission

Digital Link Service Tariff

Section 19
Original Sheet 3

SBC GIGAMAN<sup>SM</sup> SERVICE

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### 5. Technical Specification Packages

MISSOURI Public Service Commission

Technical specifications for SBC GigaMAN Service are described in the following technical references:

**Network Interface Specifications** 

- AM-TR-NISS-000104

These publications may be obtained from:

SBC Technical Information Resource Management 2000 West Ameritech Center Drive 3B72E Hoffman Estates, Illinois 60196 CANCELLED

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6. Service Components

There are two basic rate elements, which may apply to GigaMAN service:

- Local Distribution Channel
- Interoffice Channel Mileage

#### 6.1 Local Distribution Channel

The local distribution channel is the channel between a customer's premises and the SWBT serving wire center that normally provides service to that customer's premises.

#### 6.2 Interoffice Channel Mileage

Interoffice channel mileage is defined as the component of the service between two SWBT serving wire centers, between a serving wire center and a SWBT-designated digital hub, or between digital or NRS hubs. The serving wire centers may be located in the same exchange area, as in a multi-office metropolitan exchange, or may be located in different exchange areas.

Interoffice channel mileage charges include a fixed charge, and a per mile charge, which is based on the vertical and horizontal (V-H) distance between serving wire centers, a serving wire center and a digital hub, between digital or NRS hubs, or between exchanges, measured in whole miles. Fractional miles are rounded to the next whole mile.

V-H coordinates for serving wire centers and designed digital and NRS hubs can be found in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff.

FILED

JAN 12 2001

MISSOURI Public Service Commission

Effective January 3\_2001

Issued: December 4, 2000

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

JAN 1 2 2001

Digital Link Services Tariff
Section 19
2nd Revised Sheet 3.1
Replacing 1st Revised Sheet 3.1

#### GIGAMAN® SERVICE

#### 6. SERVICE COMPONENTS

- (CT) There are five basic rate elements, which may apply to GigaMAN Service:
  - Local Distribution Channel
  - Interoffice Channel Mileage
  - Repeater
  - Diversity Options
- (AT) Protection Options

#### 6.1 Local Distribution Channel (LDC)

The local distribution channel is the channel between a customer's premises and the Company serving wire center that normally provides service to that customer's premises.

#### 6.2 Interoffice Channel Mileage (ICM)

Interoffice channel mileage is defined as the component of the service between two Company serving wire centers. The serving wire centers may be located in the same exchange area, as in a multi-office metropolitan exchange, or may be located in different exchange areas. Interoffice channel mileage charges include a fixed charge, and a per mile charge, which is based on the vertical and horizontal (V-H) distance between serving wire centers, or between exchanges, measured in whole miles. Fractional miles are rounded to the next whole mile.

V-H coordinates for serving wire centers can be found in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff.

#### 6.3 Repeater (RPTR)

A repeater (circuit regenerator) may be used to extend the transmission of GigaMAN signals (service) when necessary. In addition, the first repeater in any multi-repeater circuit will be used for service alarming and monitoring purposes.

#### 6.4 Diversity Options

Route diversity options are available where facilities exist. If appropriate facilities do not exist, Special Construction charges may apply. End-to-end diversity can be achieved by coupling Alternative Wire Center Diversity with Inter-Wire Center Diversity. Diversity Options are only available to customers with service installed after December 19, 2003. Route diversity options are described in detail below under Service Configurations.

Issued: December 10, 2004 Effective: January 10, 2005

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



(CT)

# CANCELLED

P.S.C. Mo.- No. 38

Digital Link Services Tariff Section 19 1st Revised Sheet 3.1 Replacing Original Revised Sheet 3.1

No Supplement to this tariff will be issued except for the purpose of canceling this tariffublic Service Commission

(CT)

GIGAMAN® SERVICE

Missouri Public

SERVICE COMPONENTS

There are four basic rate elements, which may apply to GigaMAN Service:

- Local Distribution Channel (CT)

- Interoffice Channel Mileage

Service Commission

Repeater (CT)

**Diversity Options** (AT)

6.1 Local Distribution Channel (LDC) (AT)

(CT) The local distribution channel is the channel between a customer's premises and the Company serving wire center that normally provides service to that customer's premises.

(AT) 6.2 Interoffice Channel Mileage (ICM)

Interoffice channel mileage is defined as the component of the service between two Company (CT) (RT) serving wire centers. The serving wire centers may be located in the same exchange area, as in a multi-office metropolitan exchange, or may be located in different exchange areas. Interoffice channel mileage charges include a fixed charge, and a per mile charge, which is based on the (RT) vertical and horizontal (V-H) distance between serving wire centers, or between exchanges,

measured in whole miles. Fractional miles are rounded to the next whole mile.

(RT) V-H coordinates for serving wire centers can be found in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff.

(CT) 6.3 Repeater (RPTR)

> A repeater (circuit regenerator) may be used to extend the transmission of GigaMAN signals (service) when necessary. In addition, the first repeater in any multi-repeater circuit will be used for service alarming and monitoring purposes.

(AT) 6.4 Diversity Options

> Route diversity options are available where facilities exist. If appropriate facilities do not exist, Special Construction charges may apply. End-to-end diversity can be achieved by coupling Alternative Wire Center Diversity with Inter-Wire Center Diversity. Diversity Options are only available to customers with service installed after October 24, 2003. Route diversity options are described in detail below under Service Configurations.

(A'T)

(CT)

Issued: September 23, 2003

Effective: October 24, 2003

**Digital Link Services Tariff** Section 19 Original Sheet 3.1

# Missouri Public Service Commission

#### SBC GIGAMAN<sup>SM</sup> SERVICE

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(MT) **Service Components** 

(CT) There are three basic rate elements, which may apply to GigaMAN Service:

- Local Distribution Channel
- Interoffice Channel Mileage
- (AT) Mid-span Repeater

#### 6.1 Local Distribution Channel

The local distribution channel is the channel between a customer's premises and the SWBT serving wire center that normally provides service to that customer's premises.

#### 6.2 Interoffice Channel Mileage

Interoffice channel mileage is defined as the component of the service between two SWBT serving wire centers, between a serving wire center and a SWBT-designated digital hub, or between digital or NRS hubs. The serving wire centers may be located in the same exchange area, as in a multi-office metropolitan exchange, or may be located in different exchange areas. Interoffice channel mileage charges include a fixed charge, and a per mile charge, which is based on the vertical and horizontal (V-H) distance between serving wire centers, a serving wire center and a digital hub, between digital or NRS hubs, or between exchanges, measured in whole miles. Fractional miles are rounded to the next whole mile.

V-H coordinates for serving wire centers and designed digital and NRS hubs can be found in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff.

6.3 Mid-span Repeater (AT)

> The mid-span Repeater provides for operation of GigaMAN circuits whose end-to-end distance between customer locations exceeds current technological constraints.

> > CANCELLED

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Issued: July 5, 2002

Effective: August 5, 2002

By CINDY BRINKLEY, President-Missouri Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company St. Louis, Missouri Missouri Public Service Commission

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(MT)

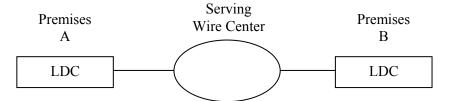
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Digital Link Services Tariff
Section 19
2nd Revised Sheet 4
Replacing 1st Revised Sheet 4

(CT) GIGAMAN® SERVICE

#### 7. SERVICE CONFIGURATIONS

- All basic SERVICE configurations provide full duplex transmission. There is one basic type of (CT) GigaMAN Service configurations: Node-to-Node (two-point) Service. GigaMAN services from a customer data hub location to multiple points, or multiple GigaMAN services between two customer data hub locations are merely aggregated node-to-node services.
- (CT) 7.1 Node-to-Node
- (CT) 7.1.1 A node-to-node configuration connects two customer-designated premises either inter- or intra-wire center.
- (CT) The following diagram depicts a node-to-node (intra-wire center) configuration connecting two customer-designated premises served from the same wire center.



LDC - Local Distribution Channel

In this case, the applicable rate element is:

- Local Distribution Channel (two applicable)

Issued: September 23, 2003 Effective: October 24, 2003

Digital Link Services Tariff
Section 19
1st Revised Sheet 4
Replacing Original Sheet Service Commission

SBC GIGAMAN<sup>SM</sup> SERVICE

7. Service Configurations

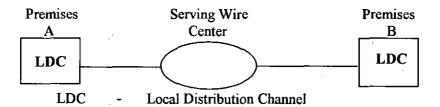
RECD JUL 03 2002

(CT) (CT) All basic service configurations provide full duplex transmission. There is one basic type of SBC GigaMAN Service configuration: Premise to premise (two-point) Service. GigaMAN Services from a customer data hub location to multiple points, or multiple GigaMAN Services between two customer data hub locations are merely aggregated premise to premise services.

#### 7.1 Premise to Premise

7.1.1 A premise to premise configuration connects two customer designated premises either inter or intra wire center.

The following diagram depicts a premise to premise configuration connecting two customer designated premises served from the same wire center.



In this case, the applicable rate element is:

- Local Distribution Channels (two applicable)

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Public Service Commission

(MT)

Issued: July 5, 2002

Effective: August 5, 2002

By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Commission
Service Commission

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Digital Link Service Tariff Section 19

Original Sheet 4

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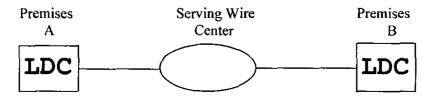
7. Service Configurations

MISSOURI Public Service Commission

All basic service configurations provide a single direction of transmission. There is one basic type of SBC GigaMAN Service configuration: Premise to premise (two-point) Service. GigaMAN services from a customer data hub location to multiple points, or multiple GigaMAN services between two customer data hub locations are merely aggregated premise to premise services.

- 7.1 Premise to Premise
  - 7.1.1 A premise to premise configuration connects two customer designated premises either inter or intra wire center.

The following diagram depicts a premise to premise configuration connecting two customer designated premises served from the same wire center.



LDC Local Distribution Channel

In this case, the applicable rate element is:

- Local Distribution Channels (two applicable)
- 7.1.2 The following diagram depicts a premise to premise configuration connecting two customer designated premises with Serving Wire Centers located 3 miles apart.



LDC - Local Distribution Channel ICM - Interoffice Channel Mileage

In this case, applicable rate elements are:

- Local Distribution Channel (two applicable)
- Interoffice Channel Mileage Fixed (one applicable)
- Interoffice Channel Mileage Per Mile (three applicable)

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MISSOURI **Public Service Commission** 

Issued: December 4, 2000

Effective: range your colors

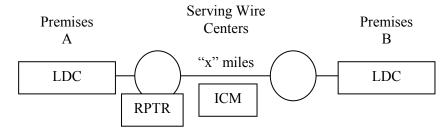
By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

JAN 1 2 2001

Digital Link Services Tariff
Section 19
1st Revised Sheet 4.1
Replacing Original Sheet 4.1

(CT) GIGAMAN® SERVICE

- 7. SERVICE CONFIGURATIONS (cont'd)
- (CT) 7.1 Node-to-Node (cont'd)
- (CT) 7.1.2 The following diagram depicts a node-to-node (inter-wire center) configuration connecting two customer-designated premises with Serving Wire Centers located "x" miles apart.



LDC – Local Distribution Channel ICM – Interoffice Channel Mileage RPTR – Repeater (where required)

In this case, applicable rate elements are:

- Local Distribution Channel (two applicable)
- Interoffice Channel Mileage Fixed (one applicable)
- Interoffice Channel Mileage Per Mile ("x" applicable)
- Repeater (where required)

(MT)

(CT)

(CT)

(CT)

Issued: September 23, 2003 Effective: October 24, 2003

Digital Link Services Tariff Section 19 Original Sheet 4.1

# Missouri Public

Service Commission

SBC GIGAMAN<sup>SM</sup> SERVICE

(MT) 7. Service Configurations (cont'd) RECD JUL 03 2002

7.1 Premise to Premise (cont'd)

The following diagram depicts a premise to premise configuration connecting two customer designated premises with Serving Wire Centers located "x" miles apart.

> Serving Wire **Premises Premises** Α Centers В "x" miles **LDC** LDC **ICM** MSR

> > - Local Distribution Channel

- Interoffice Channel Mileage

Mid-span Repeater (where required) MSR -

In this case, applicable rate elements are:

- Local Distribution Channel (two applicable)

- Interoffice Channel Mileage Fixed (one applicable)

- Interoffice Channel Mileage Per Mile ("x" applicable)

- Mid-span Repeater (where required)

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(MT) Rates and Charges

> There are two types of rates and charges for GigaMAN: Installation Charges and Recurring Charges.

- 8.1 Installation Charges are one-time charges that apply for specific work activity related to the provisioning of GigaMAN Service.
- 8.2 Recurring Charges are flat recurring rates that apply each month or fraction thereof that the service is provided. Recurring rates may be applied only over a 12, 36, or 60 month period under the terms and conditions of the Term Pricing Plan (TPP), described in 8.4 following. Upon completion of a TPP, a customer's service will automatically convert to the monthly rates unless the customer requests a new TPP. No customer shall purchase GigaMAN on a month-tomonth basis prior to the completion of a TPP.

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Digital Link Services Tariff Section 19 Original Sheet 4.2

## GIGAMAN® SERVICE

## 7. SERVICE CONFIGURATIONS (cont'd)

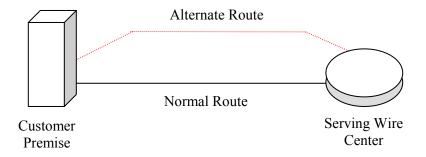
## 7.2 Diversity Options

Route diversity options are available where facilities exist. If appropriate facilities do not exist, Special Construction charges may apply.

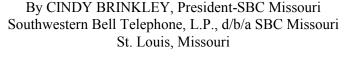
GigaMAN offers three diversity options:

#### 7.2.1 Local Channel Diversity (LCD)

Local Channel Diversity provides for a transmission path between a designated customer premise and the standard Serving Wire Center (SWC) that is diverse from the normal/standard transmission path. Local Channel Diversity requires two GigaMAN Services purchased by the same customer of record. With this arrangement, one or more local distribution channels will be provisioned over the standard route and one or more local distribution channels will be provisioned over the diverse route. Local channel diversity does not provide for full diversity; it only allows for diversity from the splice point closest to the customer's property line to the SWC. If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premise, at the customer's expense.



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Digital Link Services Tariff Section 19 Original Sheet 4.3

## GIGAMAN® SERVICE

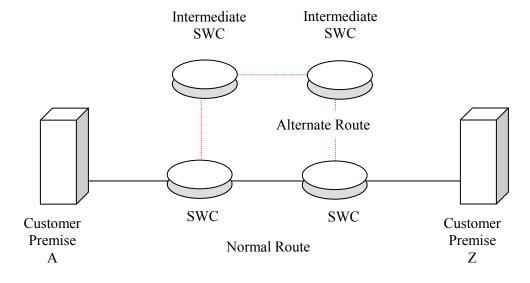
#### 7. SERVICE CONFIGURATIONS (cont'd)

#### 7.2 Diversity Options (cont'd)

#### 7.2.2 Inter-Wire Center Diversity (IWCD)

Inter-Wire Center Diversity arrangements presume that each end of a GigaMAN local distribution channel is served out of a different Serving Wire Center (SWC). This arrangement provides a transmission path for GigaMAN local distribution channels between the customer's designated SWC and the serving wire center at the distant end of the circuit, over a transmission path that is separate from the standard transmission path between the two wire centers. Interoffice mileage will be calculated between the intermediate serving wire centers along the circuit path of the diversely routed GigaMAN Service. Inter-Wire Center Diversity requires two GigaMAN Services purchased by the same customer of record.

In this scenario, the customer may or may not already have a GigaMAN local distribution channel operating over the normal (or standard) inter-office route. Inter-wire center diversity does not provide for full diversity; it only offers interoffice diversity. If a customer desires full diversity, Alternate Wire Center Diversity must be implemented along with Inter-Wire Center Diversity. Additionally, arrangements must be made for constructing dual entrance facilities at the customer's premise, at the customer's expense.



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By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff Section 19 Original Sheet 4.4

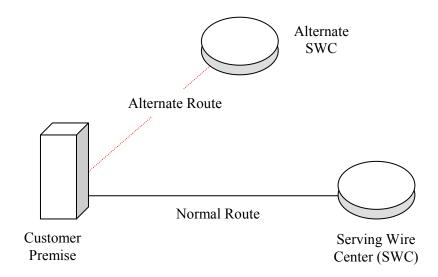
## GIGAMAN® SERVICE

#### 7. SERVICE CONFIGURATIONS (cont'd)

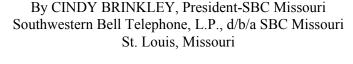
#### 7.2 Diversity Options (cont'd)

## 7.2.3 Alternate Wire Center Diversity (AWCD)

Alternate Wire Center Diversity is for the local loop only. It provides a local channel transmission path for GigaMAN service between the customer's designated premises and a wire center that is not the normal (or standard) serving wire center. The Company will choose the alternate wire center closest to the customers designated premise that is capable of providing GigaMAN Service over the alternate route. Alternate Wire Center Diversity does not require two GigaMAN Services purchased by the same customer of record, nor does it require the customer to have an existing GigaMAN circuit operating over the normal (or standard) route to the normal (or standard) serving wire center. With this arrangement, one or more local distribution channels will be provisioned over the alternate route. If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premise, at the customer's expense.



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Digital Link Services Tariff Section 19 Original Sheet 4.5

## GIGAMAN® SERVICE

#### 7. SERVICE CONFIGURATIONS (cont'd)

#### 7.3 Protection Options

Protection Options are available where facilities exist. If appropriate facilities do not exist, Special Construction charges may apply. Protection Options are only available to customers with service installed after December 19, 2003. In addition to charges for the various Protection Options, normal charges for the Local Distribution Channel and Interoffice Channel Mileage will apply. Protection Options provide additional levels of reliability to GigaMAN Service. There are multiple options for Protection at each end of a two point circuit. The options at each end do not need to be the same, but both ends must include some form of Protection, for any to be offered. A GigaMAN circuit cannot include Protection at only one end.

GigaMAN offers the following Protection Options:

## 7.3.1 Equipment Only Protection (EOP)

Equipment Only Protection offers a network design where one GigaMAN signal will be routed down two different fiber pairs that co-exist in the same cable and conduit structure, and terminate at the customer's premise in the same device (but into separate and distinct modules). Protection switching will occur between the two modules if necessary. Should one fiber pair or network element become defective, service will be maintained through 50 millisecond protection switching within the network terminating equipment (NTE) at the customer's demarcation point. If both fiber pairs are cut, an Out Of Service condition will result. This form of protection can only be ordered per loop (per end) for each circuit the customer wishes to protect.



Digital Link Services Tariff Section 19 Original Sheet 4.6

## GIGAMAN® SERVICE

#### 7. SERVICE CONFIGURATIONS (cont'd)

#### 7.3 Protection Options (cont'd)

#### 7.3.2 Equipment Plus Fiber Path Protection

Equipment Plus Fiber Path Protection offers varying degrees of path protection for each terminating end of the circuit. For circuits that are served by different wire centers, Equipment Plus Fiber Path Protection may be combined with Inter-Wire Center Path Protection, to ensure a fully-protected circuit.

Equipment Plus Fiber Path Protection, with ...

#### Alternate Wire Center Path Protection (AWCPP)

One GigaMAN (1 Gbps) signal will be routed over one fiber pair of the protected circuit from the customer's premise to the normal serving wire center, and a duplicate GigaMAN (1 Gbps) signal will be routed over a diversely routed fiber pair to the Alternate Wire Center selected by the Company. If any location between the fiber paths is closer than 10 feet, the location or locations will be disclosed to the customer. The customer will determine whether to accept the engineered path, or agree to pay Special Construction Charges to have a completely diverse route constructed in those instances where there is not a minimum separation of 10 feet between paths. The customer can also select Equipment Only Protection for an inter-office segment where facilities are not available. This option can be selected for one or both terminating ends. If an equipment failure or fiber cable cut occurs in a segment of the circuit that has this form of protection, the circuit will be switched to the alternate path in 50 milliseconds or less. If a customer desires full path diversity, arrangements must be made for constructing dual entrance facilities into the customer's premise, at the customer's expense.

#### Local Channel Path Protection (LCPP)

The two fiber pairs of the protected service will be routed diversely to the normal serving wire center. If any location between the fiber paths is closer than 10 feet, the location or locations will be disclosed to the customer. The customer will determine whether to accept the engineered path, or agree to pay Special Construction Charges to have a completely diverse route constructed. This option can be selected for one or both terminating ends. If an equipment failure or fiber cable cut occurs in a segment of the circuit that has this form of protection, the circuit will be switched to the alternate path in 50 milliseconds or less. If a customer desires full path diversity, arrangements must be made for constructing dual entrance facilities into the customer's premise, at the customer's expense.



Digital Link Services Tariff Section 19 Original Sheet 4.7

## GIGAMAN® SERVICE

- 7. SERVICE CONFIGURATIONS (cont'd)
  - 7.3 Protection Options (cont'd)
    - 7.3.3 Inter-Wire Center Path Protection (IWCPP) (1)

Each fiber pair is routed through different Central Offices between the two serving wire centers, or between the standard serving wire center and an alternate serving wire center. Inter-Wire Center Protection begins at the first manhole out of the Central Office. If only the two serving wire centers are involved, the two fiber pairs will be routed down two fiber paths that are separated by at least 10 feet. If any location between the fiber paths is closer than 10 feet, the location or locations will be disclosed to the customer. The customer will determine whether to accept the engineered path, or agree to pay Special Construction Charges to have a completely diverse route constructed. The customer will receive Equipment Only Protection for an inter-office segment where facilities are not available. If an equipment failure or fiber cable cut occurs on one of the inter-office routes, the circuit will be switched to the alternate path in 50 milliseconds or less. Interoffice mileage will be calculated between the intermediate serving wire centers along the circuit paths of both protected fiber pairs.

### 7.3.3 Power Protection (PP)

Power Protection provides customers with battery back-up for up to eight (8) hours to maintain GigaMAN equipment in case of an AC power failure. Power Protection is provided on a per rack or cabinet basis, and customers in a multi-tenant building will require separate equipment and bays dedicated to each customer. Power Protection is not available for installations using a wall mounted cabinet. The Company will determine the appropriate number of service element charges to apply based on how the customer's circuit(s) is (are) designed.

(1) Inter-Wire Center Path Protection must be ordered in conjunction with an Equipment Protection option at each end of the circuit.



Digital Link Services Tariff Section 19 3rd Revised Sheet 5 Replacing 2nd Revised Sheet 5

## GIGAMAN® SERVICE

(CT) RATES AND CHARGES

(RT)

8.1 Nonrecurring Charges are one-time charges that apply for specific work activity related to the (CT) provisioning of GigaMAN Service.

(CP)(AT)

Installation Charge(1)

- per Local Distribution Channel \$1,500.00(NR)

Protection Options	
Per terminating end	
- Equipment Only /CPAEX/	625.00
- Equipment Plus Fiber Path Protection, with	
Alternate Wire Center Path Protection /CPAFX/, or	1,400.00
Local Channel Path Protection /CPAGX/	1,225.00

Per rack or cabinet

- Power Protection /VBBGX/ 475.00

Per circuit

(AT)- Inter-Wire Center Path Protection(2) /CPAHX/ 625.00(NR)

Effective: January 10, 2005

(MT)

(AT)

(MT)

(AT) (1) The Installation Charge will be waived for those customers selecting the 36 or 60 month Term Pricing Plan (TPP) period for new service.

(2) Inter-Wire Center Path Protection must be ordered in conjunction with an Equipment Protection option at each end of the circuit.

Issued: December 10, 2004

Southwestern Bell Telephone, L.P., d/b/a SBC Missouri

Digital Link Services Tariff

Section 19

Missouri Public 2nd Revised Sheet 5

Replacing 1st Revised Sheet 5

(CT)

GIGAMAN RECVISE P 23 2003

## (MT) 8. RATES AND CHANGES

## Service Commission

There are two types of rates and charges for GigaMAN: Installation Charges and Recurring Rates.

- 8.1 Installation Charges are one-time charges that apply for specific work activity related to the provisioning of GigaMAN Service.
- 8.2 Recurring rates are flat recurring rates that apply each month or fraction thereof that the service is provided. Recurring rates may be applied only over a 12-, 24-, 36-, or 60-month period under the terms and conditions of the Term Pricing Plan (TPP), described in Paragraph I. following.

  Upon completion of a TPP, a customer's service will automatically convert to the Monthly Extension Rates unless the customer requests a new TPP. No customer shall purchase GigaMAN at the Monthly Extension Rate basis prior to the completion of a TPP.

			Monthly		Term Pri	icing Plan		
			Extension		Monthly Co	ontract Rates		Installation
(NR)		<u>USOC</u>	<u>Rate</u>	12 Month	24 Month	36 Month	60 Month	<u>Charge</u>
	8.2.1 LDC ICM	3LN5S 1DA8X	\$3,800.00	\$3,300.00	\$3,100.00	\$2,850.00	\$2,500.00	\$1,500.00
	Fixed		250.00	250.00	225.00	200.00	100.00	N/A
	Per Mile		125.00	125.00	115.00	100.00	75.00	N/A
(NR)	RPTR	VU4	2,500.00	2,400.00	1,700.00	1,150.00	850.00	N/A
(CP)	8.2.2 MSR(1)	MIRGX	ICB(CT)	ICB(CT)	N/A	ICB(CT)	ICB(CT)	N/A
(AT)	Diversity							
(NR)	LCD	<b>CPALX</b>	750.00	750.00	750.00	750.00	750,00	N/A
(NR)	IWCD	<b>CPATX</b>	500.00	500.00	500.00	500.00	500,00	N/A
(NR)	AWCD	CPAAX	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	N/A
(MT)								

(MT)

(AT)

(AT)

(1) Effective October 24, 2003, service arrangements utilizing a legacy mid-span repeater are grandfathered and no longer available for new customers. Should existing customers utilizing a legacy mid-span repeater disconnect (or relocate one end of) their service, the legacy mid-span repeater will no longer be available. The new equipment platform must be used in those scenarios.

Issued: September 23, 2003

Effective: October 24, 2003

CANCELLED
By CINDY BRINKLEY, President-SBC Missouri
Southwestern Bell Telephone, L.P., d/b/a SBC Missouri
St. Louis, Missouri

JAN 1 0 2005

Missouri Public Service Commission

FILED OCT 24 2003

Public Survey Commission

4

Digital Link Services Tariff Section 19 1st Revised Sheet 5 Replacing Original Sheet 5

## SBC GIGAMAN<sup>SM</sup> SERVICE

Missouri Public Service Commission

Rates and Charges (cont'd)

RECD JUL 03 2002

8.2 (cont'd)

(MT)

(MT)

CANCELLED

ic Service Commission

Term Pricing Plan

		Monthly	Mo	_		
	USOC	Extension Charge	12 <b>M</b> o.	36 Mo.	60 <b>M</b> o.	Installation Charge
8.2.1 LDC	3LN5S	\$3,800.00	\$3,300.00	\$2,850.00	\$2,500.00	\$1,500.00
ICM Fixed Per Mile	1DA8X	250.00 125.00	250.00 125.00	200.00 100.00	100.00 75.00	N/A N/A

MIRGX The repeater will be ICB priced

(AT)

8.2.2

8.3 Term Pricing Plan

MSR

8.3.1 The Term Pricing Plan provides the customer with rate stabilization and discounted tariff rates. The Term Pricing Plan provides for one, three or five year rate stabilization. Decreases in Term monthly recurring tariff rates will be passed on to customers who participate in a Term Pricing Plan. SWBT will notify customers participating in a Term Pricing Plan when Term monthly recurring rates are decreased.

Should SWBT increase its rates during the Term Pricing Plan period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the Term Pricing Plan.

8.3.2 The customer may choose to terminate an existing Term Pricing Plan before the end of the one, three or five year period and negotiate a new one, three, or five year Term Pricing Plan. The new Term Pricing Plan must be based upon the rates that are currently in effect and available to all customers.

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Effective: August 5, 2002

By CINDY BRINKLEY, President-Missouri

Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company Public Service Commission St. Louis, Missouri

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P.S.C. Mo.-No. 38

GAMAN<sup>SM</sup> SERVICE

al Link Service Tariff Section 19 Original Sheet 5

DEC 0 1 2000

8. Rates and Charges

MISSOURI Public Service Commission

There are two types of rates and charges for GigaMAN: Installation Charges and Recurring Charges.

- Installation Charges are one-time charges that apply for specific work activity related to the provisioning of GigaMAN service.
- 8.2 Recurring Charges are flat recurring rates that apply each month or fraction thereof that the service is provided. Recurring rates may be applied only over a 12, 36, or 60 month period under the terms and conditions of the Term Pricing Plan (TPP), described in 8.4 following. Upon completion of a TPP, a customer's service will automatically convert to the monthly rates unless the customer requests a new TPP. No customer shall purchase GigaMAN on a month-to-month basis prior to the completion of a TPP.

			Monthly Extension		Pricing Plan Contract Charg	<u>e</u>	Installation <u>Charge</u>
		<u>USOC</u>	<u>Charge</u>	<u>12 Mo.</u>	<u>36 Mo.</u>	<u>60 Mo.</u>	
8.2.1	LDC ICM	3LN5S 1DA8X	\$3,800.00	\$3,300.00	\$2,850.00	\$2,500.00	\$1,500.00
	Fixed		250.00	250.00	200.00	100.00	N/A
	Per Mil	le	125.00	125.00	100.00	75.00	N/A

## Term Pricing Plan

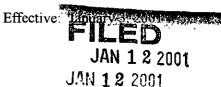
The Term Pricing Plan provides the customer with rate stabilization and discounted tariff rates. The Term Pricing Plan provides for one, three or five year rate stabilization. Decreases in Term monthly recurring tariff rates will be passed on to customers who participate in a Term Pricing Plan. SWBT will notify customers participating in a Term Pricing Plan when Term monthly recurring rates are decreased.

Should SWBT increase its rates during the Term Pricing Plan period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the Term Pricing Plan.

8.3.2 The customer may choose to terminate an existing Term Pricing Plan before the end of the one, three or five year period and negotiate a new one, three, or five year Term Pricing Plan. The new Term Pricing Plan must be based upon the rates that are currently in effect and available to all customers.

Issued: December 4, 2000

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri



No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 19 Original Sheet 5.1

## GIGAMAN® SERVICE

- (CT) RATES AND CHARGES (cont'd)
- (MT) 8.2 Recurring rates are flat recurring rates that apply each month or fraction thereof that the service is provided. Recurring rates may be applied only over a 12-, 24-, 36-, or 60-month period under the terms and conditions of the Term Pricing Plan (TPP), described in Paragraph 8.3 following. (FC) Upon completion of a TPP, a customer's service will automatically convert to the Monthly Extension Rates unless the customer requests a new TPP. No customer shall purchase GigaMAN at the Monthly Extension Rate basis prior to the completion of a TPP. (MT)

(MT)			Monthly			Pricing Plan	
(RT)			Extension		<u>Monthly</u>	Contract Rates	
(CT)		<u>USOC</u>	Rate	12 Months	24 Months	36 Months	60 Months
(FC)	LDC ICM	3LN5S 1DA8X	\$3,800.00	\$3,300.00	\$3,100.00	\$2,850.00	\$2,500.00
	Fixed	10/10/1	250.00	250.00	225.00	200.00	100.00
	Per Mile		125.00	125.00	115.00	100.00	75.00
	RPTR	VU4	2,500.00	2,400.00	1,700.00	1,150.00	850.00
(FC)	MSR(1)	M1RGX	ICB	ICB	N/A	ICB	ICB
	Diversity						
	LCD	CPALX	750.00	750.00	750.00	750.00	750.00
	IWCD	CPATX	500.00	500.00	500.00	500.00	500.00
(MT)(RT)	AWCD	CPAAX	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00
(AT)	Protection						
	EOP	CPAEX	1,500.00	1,375.00	1,225.00	1,050.00	900.00
	EP with	CD A EX	2 460 00	2 0 5 0 0 0	1 0 40 00	1 (00 00	1 400 00
	AWCPP	CPAFX	2,460.00	2,050.00	1,840.00	1,600.00	1,400.00
	LCPP	CPAGX	2,190.00	1,825.00	1,650.00	1,425.00	1,225.00
	IWCPP(2)	CPAHX	475.00	375.00	200.00	150.00	100.00
(AT)	PP	VBBGX	700.00	625.00	525.00	480.00	435.00

- (1) Effective October 24, 2003, service arrangements utilizing a legacy mid-span repeater are grandfathered and no longer available for new customers. Should existing customers utilizing a legacy mid-span repeater disconnect (or relocate one end of) their service, the legacy mid-span repeater will no longer be available. The new equipment platform must be used in those scenarios.
- (AT) (2) Inter-Wire Center Path Protection must be ordered in conjunction with an Equipment Protection (AT) option at each end of the circuit.



(CT)

(CT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Services Tariff Section 19 3rd Revised Sheet 6 Replacing 2nd Revised Sheet 6

## GIGAMAN® SERVICE

- (CT) RATES AND CHARGES (cont'd)
  - 8.3 Term Pricing Plan (TPP)
    - 8.3.1 The TPP provides for 12-, 24-, 36-, or 60-month rate stabilization. Decreases in term monthly recurring tariff rates will be passed on to customers who participate in a TPP. The Company will notify customers participating in a TPP when term monthly recurring rates are decreased.
      - Should the Company increase its rates during the TPP period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the TPP.
    - 8.3.2 The customer may choose to terminate an existing TPP before the end of the 12-, 24-, 36-, or 60-month period and negotiate a new 12-, 24-, 36-, or 60-month TPP. The new TPP must be based upon the rates that are currently in effect and available to all customers.
    - 8.3.3 The customer must provide the Company with a written notice of intent to renew a TPP no later than 90 days prior to its expiration. If the customer elects not to renew the TPP, or does not notify the Company of the customer's intent to renew the TPP, the service will automatically be billed under the tariffed monthly extension rates in effect at the time that TPP expires. Subsequently, customers under the tariffed monthly extension rates may convert their existing service to either a 12-, 24-, 36-, or 60-month TPP. Nonrecurring charges will be waived at the time of conversion.
    - 8.3.4 Any special construction charges incurred for services billed under a TPP will be applicable as provided for in Section 1 of this tariff.
    - 8.3.5 Customers requesting the termination of a Term Pricing Plan prior to the expiration date, excluding Term Payment Plans terminated as a result of a renegotiation, will be charged a termination charge. The termination charge shall be:
      - All unpaid Special Construction or nonrecurring charges (excluding any waived charges); plus
      - Fifty percent (50%) of all recurring charges for the remaining months of the customer's term

Digital Link Services Tariff Section 19 2nd Revised Sheet 6 Replacing 1st Revised Sheet 6

(CT) GIGAMAN® SERVICE Missouri Public RATES AND CHANGES (cont'd) REC'D SEP 23 2003 (MT) 8.3 Term Pricing Plan (TPP) The TPP provides for 12-, 24-, 36-, or 60-month rate stabilization. Decreases in term (CP) monthly recurring tariff rates will be passed on to customers who participate in a TPP. The Company will notify customers participating in a TPP when term monthly recurring rates are (CT) decreased. (CT) Should the Company increase its rates during the TPP period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the TPP. (CP) 8.3.2 The customer may choose to terminate an existing TPP before the end of the 12-, 24-, 36-, or 60-month period and negotiate a new 12-, 24-, 36-, or 60-month TPP. The new TPP must be (CP) based upon the rates that are currently in effect and available to all customers. (MT) (CT) 8.3.3 The customer must provide the Company with a written notice of intent to renew a TPP no later than 90 days prior to its expiration. If the customer elects not to renew the TPP, or does not notify the Company of the customer's intent to renew the TPP, the service will (CT) automatically be billed under the tariffed monthly extension rates in effect at the time that TPP expires. Subsequently, customers under the tariffed monthly extension rates may (CP) convert their existing service to either a 12-, 24-, 36-, or 60-month TPP. Nonrecurring charges will be waived at the time of conversion. 8.3.4 Any special construction charges incurred for services billed under a TPP will be applicable as provided for in Section 1 of this tariff. (CT) (CT) 8.3.5 Customers requesting the termination of a Term Pricing Plan prior to the expiration date, excluding Term Payment Plans terminated as a result of a renegotiation, will be charged a termination charge. The termination charge shall be: CANCELLED (RT) (R|T)(CP) All waived and/or unpaid nonrecurring charges; plus - Fifty percent (50%) of all recurring charges for the balance of the customer's term (CP)

Issued: September 23, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri Service Commission St. Louis, Missouri

Effective: October 24, 2003

Digital Link Service Tariff
Section 19
1st Revised Sheet 6
Replacing Original Sheet 6

## SBC GIGAMAN<sup>SM</sup> SERVICE

Missouri Public

8. Rates and Charges (cont'd)

REC'D APR 2 5 2001

- 8.3 Term Pricing Plan (cont'd)
  - Service Commission
    The customer must provide SWBT with a written notice of intent to renew a Term Pricing
    Plan no later than 90 days prior to its expiration. If the customer elects not to renew the
    Term Pricing Plan, or does not notify SWBT of the customer's intent to renew the Term
    Pricing Plan, the service will automatically be billed under the tariffed monthly extension
    rates in effect at the time the Term Pricing Plan expires. Subsequently, customers under the
    tariffed monthly extension rates may convert their existing service to either a one, three, or
    five year Term Pricing Plan. Nonrecurring charges will be waived at the time of conversion.
  - 8.3.4 Any special construction charges incurred for services billed under a Term Pricing Plan will be applicable as provided for in Section 1 of this tariff
  - 8.3.5 Customers requesting the termination of a Term Pricing Plan prior to the expiration date, excluding Term Pricing Plans terminated as a result of a renegotiation, will be charged a termination charge based on a percentage of the remainder of the term as indicated below:

Term	Termination
Pricing Plan	Percentage
l year	100 %
3 years	100 % for first year, 50 % for each subsequent year.
5 years	100 % for first year, 50 % for each subsequent year.

The termination charge is calculated as follows:

X

Months remaining in

Termination

Term Pricing Plan

Percentage

Termination Charge

(RT) (RT)

CANCELLED

OCT 2 4 2003

Missouri Public

. Lune Service Commission FILED MAY 2 5 2001

Service Commission

Issued: April 25, 2001

Effective: May 25, 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Service Tariff
Section 19
Original Sheet 6

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SBC GIGAMAN<sup>SM</sup> SERVICE 0 1 2000

8. Rates and Charges (cont'd)

## MISSOURI Public Service Commission

- 8.3 Term Pricing Plan (cont'd)
  - 8.3.3 The customer must provide SWBT with a written notice of intent to renew a Term Pricing Plan no later than 90 days prior to its expiration. If the customer elects not to renew the Term Pricing Plan, or does not notify SWBT of the customer's intent to renew the Term Pricing Plan, the service will automatically be billed under the tariffed monthly extension rates in effect at the time the Term Pricing Plan expires. Subsequently, customers under the tariffed monthly extension rates may convert their existing service to either a one, three, or five year Term Pricing Plan. Nonrecurring charges will be waived at the time of conversion.
  - 8.3.4 Any special construction charges incurred for services billed under a Term Pricing Plan will be applicable as provided for in Section 1 of this tariff
  - 8.3.5 Customers requesting the termination of a Term Pricing Plan prior to the expiration date, excluding Term Pricing Plans terminated as a result of a renegotiation, will be charged a termination charge based on a percentage of the remainder of the term as indicated below:

Term Pricing Plan	Termination Percentage
1 year	100 %
3 years	100 % for first year, 50 % for each subsequent year.
5 years	100 % for first year, 50 % for each subsequent year.

The termination charge is calculated as follows:

Months remaining in

Termination

Term Pricing Plan

X Percentage

Termination Charge

8.4 Customer Specific Pricing

See Customer Specific Plan Tariff, P.S.C. Mo.-No. 37

CANCELLED

MAY 25 2001 By 15t RS 6

Public Service Commission

FILED

JAN 12 2001

MISSOURI Public Service Commission

Issued: December 4, 2000

Effective: January 3, 200

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

JAN 1 2 2001

(CP)

(CT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 19
1st Revised Sheet 7
Replacing Original Sheet 7

## GIGAMAN® SERVICE

- (CT) 8. RATES AND CHARGES (cont'd)
  - 8.3 Term Pricing Plan (TPP) (cont'd)
    - 8.3.5 (cont'd)

Effective October 24, 2003, the Company will be migrating to a new equipment platform in support of GigaMAN Service. As of October 24, 2003, customers who request a conversion from the legacy GigaMAN platform to the new equipment platform will be allowed to do so under the following conditions:

- The customer must issue a disconnect order for their legacy GigaMAN Service and place a service order for GigaMAN Service using the new equipment platform. Termination Charges for the legacy service will be waived. Standard nonrecurring charges to install GigaMAN Service using the new equipment platform will apply.
- The term of the new contract must be equal to or greater than the remaining time left on the legacy GigaMAN contract.
- The legacy GigaMAN Service must have been in service for a minimum period of 18 months for either a 3-year contract or 5-year contract. Legacy GigaMAN Service with 1-year contracts will not be eligible for this migration option.
- The customer must purchase one or more of the Diversity or Protection Options being introduced on October 24, 2003 or January 10, 2005, respectively, under this product tariff.

Migration is contingent on availability of fiber from premise to premise. Other Special Construction charges, as necessary, may apply.

(CT)
 8.3.6 For circuits installed prior to December 19, 2003, a customer may move one Local
 (CT)
 Distribution Channel of a GigaMAN Service during their TPP term to another location in the same LATA and keep the TPP in force (without assessment of Termination Charges), provided no lapse in service occurs. Nonrecurring charges, as appropriate, will apply.

Digital Link Services Tariff Section 19 Original Sheet 7

GIGAMAN® SERVICE

Missouri Public

8. RATES AND CHANGES (cont'd)

REC'D SEP 23 2003

8.3 Term Pricing Plan (TPP) (cont'd)

Service Commission

8.3.5 (cont'd)

Effective October 24, 2003, the Company will be migrating to a new equipment platform in support of GigaMAN Service. As of October 24, 2003, customers who request a conversion from the legacy GigaMAN platform to the new equipment platform will be allowed to do so under the following conditions:

- The customer must issue a disconnect order for their legacy GigaMAN Service and place a service order for GigaMAN Service using the new equipment platform. Termination Charges for the legacy service will be waived. Standard nonrecurring charges to install GigaMAN Service using the new equipment platform will apply.
- The term of the new contract must be equal to or greater than the remaining time left on the legacy GigaMAN contract.
- The legacy GigaMAN Service must have been in service for a minimum period of 18 months for either a 3-year contract or 5-year contract. Legacy GigaMAN Service with 1-year contracts will not be eligible for this migration option.
- The customer must purchase one or more of the Diversity Options being introduced on October 24, 2003 under this product tariff.

Migration is contingent on availability of fiber from premise to premise. Other Special Construction charges, as necessary, may apply.

8.3.6 During a TPP term, a customer may move one Local Distribution Channel of a GigaMAN Service to another location in the same LATA and keep the TPP in force (without assessment of Termination Charges), provided no lapse in service occurs. Nonrecurring charges, as appropriate, will apply.

CANCELLED

JAN 1 0 2005

Public Service Commission

Issued: September 23, 2003

Effective: October 24, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Service Gemmission

Digital Link Services Tariff Section 19 Original Sheet 8

## GIGAMAN® SERVICE

- 8. RATES AND CHARGES (cont'd)
  - 8.3 Term Pricing Plan (TPP) (cont'd)
    - 8.3.7 For circuits installed after December 19, 2003, customers will be permitted to move one end of a GigaMAN Service to another location, without incurring Termination Charges, given the following conditions are met:
      - The customer must issue a disconnect order for the existing location and place a new service order for GigaMAN Service at the new location. Termination Charges for the existing location will be waived. Standard nonrecurring charges to install GigaMAN Service as a new circuit will apply.
      - Negotiated down time will apply, as the new circuit will need to be designed and installed.
      - The term of the new contract must be equal to or greater than the remaining time left on the existing GigaMAN contract.
      - The existing GigaMAN Service must have been in service for a minimum period of 12 months for a 2-year contract, 15 months for a 3-year contract or 18 months for a 5-year contract. Existing GigaMAN Service with 1-year contracts will not be eligible for this Moves option.

Moves are contingent on availability of fiber from premise to premise. Other Special Construction charges, as necessary, may apply.



Digital Link Services Tariff Section 19 Original Sheet 9

## GIGAMAN® SERVICE

- 8. RATES AND CHARGES (cont'd)
  - 8.3 Term Pricing Plan (TPP) (cont'd)
    - 8.3.8 Customers will be permitted to add Protection Options to existing GigaMAN Service that was installed after December 19, 2003, without incurring Termination Charges, given the following conditions are met:
      - The customer must issue a disconnect order for the existing circuit and place a service order for the newly protected circuit. Termination Charges for the existing circuit will be waived. Standard nonrecurring charges to install the newly protected GigaMAN Service will apply.
      - Negotiated down time will apply, as the new circuit will need to be designed and installed.
      - The term of the new contract must be equal to or greater than the remaining time left on the existing GigaMAN contract.
      - The existing GigaMAN Service must have been in service for a minimum period of 12 months for a 2-year contract, 15 months for a 3-year contract or 18 months for a 5-year contract. Existing GigaMAN Service with 1-year contracts will not be eligible for this option.

Addition of Protection Options are contingent on availability of equipment and fiber facilities from premise to premise. Other Special Construction charges, as necessary, may apply.

8.3.9 Customers re-negotiating an existing term payment plan contract expiring after December 19, 2003 will be required to migrate to the new equipment platform.



Digital Link Services Tariff Section 20 Index Original Sheet 1

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(AT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 20
2nd Revised Sheet 1
Replacing 1st Revised Sheet 1

#### SOUTHWESTERN BELL DS3 SERVICE

#### 20.1 DECRIPTION AND APPLICATION OF SERVICES

#### 20.1.1 General

Southwestern Bell DS3 Service, hereinafter referred to as DS3 service, is an intraLATA dedicated high capacity channel that provides for the simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital signals at a transmission speed of 44.736 Mbps. The interface to the customer will be an electrical signal. The channel design, performance and maintenance objectives are specified in Technical Reference Publications TR-INS-000342 and TP-76625.

The service is available in a point-to-point configuration between:

- Two customer-designated premises
- A customer-designated premises and a SWBT central office where multiplexing, hubbing or crossconnection functions are performed
- A customer-designated premises and SWBT Network Reconfiguration Service (NRS) system location
- A customer-designated premises and SWBT Transmission Resource Management (TRM) system location

This service is competitively classified.

#### 20.1.2 Regulations

20.1.2.1 The regulations and rates specified herein are in addition to the applicable regulations found in other sections of SWBT's tariffs.

The services provided for Southwestern Bell DS3 Service are primarily designed to meet the private line communications requirements of business customers and the regulations herein reflect reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services.

The minimum period for which Southwestern Bell DS3 Service is provided and for which rates and charges are applicable is 12 months. When a service is discontinued prior to the expiration of the minimum period, termination charges are applicable for the remaining portion of the minimum period whether the service is used or not and will be based on the rates in effect for the service at the time of discontinuance. (See Section 20.4 following)

#### 20.1.2.2 Provision of Service

Southwestern Bell DS3 Service is available only on a point-to-point intraLATA basis to customers served by and within the service territories of SWBT only. Southwestern Bell DS3 Service is furnished on a full-time basis (24 hours a day, seven days per week.)

Southwestern Bell DS3 Service can only be provided within the same LATA where existing digital facilities and equipment permit. Services between serving wire centers must have digital service components (digital connectivity) between all intermediate offices to have the ability to provide the service. Additional service features may be available only at selected central offices as determined by SWBT.

Issued: February 20, 2002 Effective: March 29, 2002



P.S.C. Mo.-No. 38 CANCELLE

TERNBELL DS3 SERVICE

Digital Link Services Tariff Section 20 1st Revised Sheet 1 Replacing Original Sheet Public

REC'D APR 2 5 2001

20.1 DECRIPTION AND ARRISSONION OF SERVICES

20.1.1 General

Service Commission Southwestern Bell DS3 Service, hereinafter referred to as DS3 service, is an intraLATA

dedicated high capacity channel that provides for the simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital signals at a transmission speed of 44.736 Mbps. The interface to the customer will be an electrical signal. The channel design, performance and maintenance objectives are specified in Technical Reference Publications TR-INS-000342 and TP-76625.

The service is available in a point-to-point configuration between:

- Two customer-designated premises
- A customer-designated premises and a SWBT central office where multiplexing, hubbing or cross-connection functions are performed
- A customer-designated premises and SWBT Network Reconfiguration Service (NRS) system location
- A customer-designated premises and SWBT Transmission Resource Management (TRM) system location

20.1.2 Regulations

20.1.2.1 The regulations and rates specified herein are in addition to the applicable regulations found in other sections of SWBT's tariffs.

The services provided for Southwestern Bell DS3 Service are primarily designed to meet the private line communications requirements of business customers and the regulations herein reflect reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services.

The minimum period for which Southwestern Bell DS3 Service is provided and for which rates and charges are applicable is 12 months. When a service is discontinued prior to the expiration of the minimum period, termination charges are applicable for the remaining portion of the minimum period whether the service is used or not and will be based on the rates in effect for the service at the time of discontinuance. (See Section 20.4 following)

20.1.2.2 Provision of Service

Southwestern Bell DS3 Service is available only on a point-to-point intraLATA basis to customers served by and within the service territories of SWBT only. Southwestern Bell DS3 Service is furnished on a full-time basis (24 hours a day, seven days per week.)

Southwestern Bell DS3 Service can only be provided within the same LATA where existing digital facilities and equipment permit. Services between serving wire centers must have digital service components (digital connectivity) between all intermediate offices to have the ability to provide the service. Additional service features may be available only at selected central offices as determined by SWBT.

By JAN NEWTON, President-Missouri

Issued: April 25, 2001

Missouri Public Effective: May 25, 2001

FILED MAY 2 5 2001

Southwestern Bell Telephone Company Service Commission St. Louis, Missouri

(CT)

(CT)

Digital Link Services Tariff Section 20 Original Sheet 1 RECEIVED

#### SOUTHWESTERN BELL DS3 SERVICE

DEC 28 2000

#### 20.1 DECRIPTION AND APPLICATION OF SERVICES

### 20.1.1 General

MISSOURI **Public Service Commission** 

Southwestern Bell DS3 Service, is an intraLATA dedicated high capacity channel used for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital signals of 44.736 Megabits per second (Mbps). The channel design, performance and maintenance objectives are specified in Southwestern Bell Telephone Company's (SWBT's) Technical Reference Pub TR-IN-000342 and Technical Reference Pub 76625.

Southwestern Bell DS3 Service is available only with an electrical interface at the customer premise(s) and the SWBT serving office.

This service is available to customers in those LATAs served by and within the service territories of SWBT only.

#### 20.1.2 Regulations

20.1.2.1 The regulations and rates specified herein are in addition to the applicable regulations found in other sections of SWBT's tariffs.

The services provided for Southwestern Bell DS3 Service are primarily designed to meet the private line communications requirements of business customers and the regulations herein reflect reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services.

The minimum period for which Southwestern Bell DS3 Service is provided and for which rates and charges are applicable is 12 months. When a service is discontinued prior to the expiration of the minimum period, termination charges are applicable for the remaining portion of the minimum period whether the service is used or not and will be based on the 20.1.2.2Provision of Service rates in effect for the service at the time of discontinuance. (See Section 20.4 following)

Southwestern Bell DS3 Service is available only on a point-to-point intraLATA basis to customers served by and within the service territories of SWBT only. Southwestern Bell DS3 Service is furnished on a full-time basis (24 hours a day, seven days per week.)

Southwestern Bell DS3 Service can only be provided within the same LATA where existing digital facilities and equipment permit. Services between serving wire centers must have digital service components (digital connectivity) between all intermediate offices to have the ability to provide the service. Additional service features may be available only at selected central offices as determined by SWBT.

Effective: January 27, 2001

JAN 27 2001

MISSOURI Public Service Commission

Issued: December 28, 2000

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff Section 20 Original Sheet 2

#### SOUTHWESTERN BELL DS3 SERVICE

#### 20.1 DESCRIPTION AND APPLICATION OF SERVICES - (Continued)

20.1.2 Regulations – (Continued)

#### 20.1.2.2 Provision of Service - (Continued)

Customer requests for Southwestern Bell DS3 Service may require construction of suitable service components. The regulations, rates and charges applicable to special construction are found in Section 1.4.4 of this tariff. Service availability will be negotiated locally.

Customer requests for special routing of Southwestern Bell DS3 Service channels are provided in accordance with Section 1.4.4 of this tariff.

SWBT has the service responsibility up to the demarcation point. The demarcation point will be provided by SWBT as set forth in Telcordia Technical Advisory GR-342-CORE. This publication provides transmission parameter limits and interface combinations for high capacity special access services (e.g., DS#), and may be obtained from:

Telcordia Technologies 8 Corporate Place Piscataway, NJ 08854

The placement of the demarcation point shall be located in a manner consistent with federal and state regulatory requirements. This location will be at each customer's premises, unless specified otherwise by the customer or building/landowner and agreed to by SWBT.

Digital equipment provided by the customer is subject to the regulations set forth in Section 1 of this tariff.

Southwestern Bell DS3 Service may be terminated in a DS3 port of a SWBT-provided Network Reconfiguration Service (NRS) arrangement at a designated NRS hub location. Additional interoffice channel mileage may be incurred to route the Southwestern Bell DS3 Service to the hub location. The DS3 port on the NRS arrangement will be considered as a service point on the circuit. Refer to Section 8 of this tariff for additional regulations concerning NRS.

#### 20.1.2.1 Assignment of Transfer of Service

The service of a customer, or any rights associated therewith, may be assigned or transferred, with the customers consent, only under the following conditions:

- A) There is no interruption or relocation of the service.
- B) The assignee or transferee assumes all outstanding indebtedness for the service and the unexpired portion of the service period originally contracted for.
- C) All regulations and conditions contained in this tariff shall apply to the assignee or transferee.



Digital Link Services Tariff Section 20 Original Sheet 3

#### SOUTHWESTERN BELL DS3 SERVICE

#### 20.1 DESCRIPTION AND APPLICATION OF SERVICES - (Continued)

20.1.2 Regulations – (Continued)

#### 20.1.2.4Availability and Allowance for Interruptions

#### A. Southwestern Bell DS3 Service Not Available with SecureNet

Availability is a measure of the relative amount of time that a service is "usable" to the customer. For the purpose of Southwestern Bell DS3 Service, service is considered unavailable when 8 consecutive severely errored seconds (SESs) are received. The service becomes available again when no SESs are received for 8 consecutive seconds.

The availability objective for Southwestern Bell DS3 Service is 99.975% availability when averaged over three months.

SWBT, in order to ensure the highest performance standards and service availability to the customer, offers the following service guarantee:

If a Southwestern Bell DS3 Service fails due to SWBT-provided equipment or facilities and the service is not restored to the customer within two hours of the outage report and the service is made available to SWBT by the customer during those two hours, the customer will be credited for the full month of service on the following month's bill. This guarantee is subject to the following conditions:

The monthly credit will be applied on a per circuit, per occurrence basis and will only be applied once during a month's period. Credits are not accumulative.

The trouble cause must be isolated to SWBT-provided equipment.

Trouble determined to be caused by customer-provided equipment, or trouble that clears without a positive determination as to cause, will not qualify for the service credit.

The outage must be reported by the customer.

There may be occasions when the service does not meet the required operating parameters, but due to business conditions the customer will not release the circuit for immediate testing. The service must be made available to SWBT for testing and maintenance. The two-hour clock does not begin until the outage is reported by the customer and the service is made available by the customer to SWBT for repair.

On Southwestern Bell DS3 Service that uses central office multiplexing provided by SWBT, the service credit applies only to the DS3 portion of the service, and will not apply to the derived channels nor to multiplexing using the Southwestern Bell DS3 Service.



Digital Link Services Tariff Section 20 Original Sheet 4

#### SOUTHWESTERN BELL DS3 SERVICE

#### 20.1 DESCRIPTION AND APPLICATION OF SERVICES - (Continued)

- 20.1.2 Regulations (Continued)
  - 20.1.2.4 Availability and Allowance for Interruptions (Continued)
    - A. Southwestern Bell DS3 Service Not Available with SecureNet (Continued)

The service guarantee applies to recurring rates and charges for Southwestern Bell DS3 Service local distribution channels and interoffice channel mileage.

On Southwestern Bell DS3 Service used with Network Reconfiguration Service (NRS), the service credit applies only to the Southwestern Bell DS3 Service portion of the service, and will not apply to NRS.

- B. Southwestern Bell DS3 Service Available with SecureNet
  - (1) Southwestern Bell DS3 Service equipped with SecureNet shall be allowed a credit for a single service interruption greater than 2.0 seconds. In no case shall the total amount of credit in a one month bill period exceed 100 percent of the monthly charge for that particular rate element.
  - (2) To receive a credit for a service interruption after 2.0 seconds, the interruption must occur in that part of the Southwestern Bell DS3 Service equipped with SecureNet (e.g., a loop failure on a Southwestern Bell DS3 Service would receive credit after a 2.0 second interruption; an interoffice facility failure on the same service would be credited after four hours).
  - (3) For a Southwestern Bell DS3 Service equipped with SecureNet, the credit for a single service interruption greater than 2.0 seconds will be 50% of the recurring monthly rate for the applicable rate elements (e.g., Local Distribution Channel; Interoffice Channel Mileage, both fixed and per mile; and Multiplexing).

#### 20.2 RATE CONFIGURATION

#### 20.2.1 General

There are four basic rate elements that may apply to Southwestern Bell DS3 Service:

- Nonrecurring Charges
- Local distribution channel
- Interoffice channel mileage
- Additional service features

Issued: December 28, 2000 Effective: January 27, 2001

Southwestern Bell Telephone Company

Digital Link Services Tariff Section 20 Original Sheet 5

#### SOUTHWESTERN BELL DS3 SERVICE

## 20.2 RATE CONFIGURATION (Continued)

#### 20.2.1 General (Continued)

Rates and Charges will be applied based upon pricing zones as contained in this section. The Pricing Zone for each serving wire center is as specified in paragraph 20.3.4 of this tariff. If the Channel Mileage crosses Pricing Zones (e.g., serving wire center 1 is in Pricing Zone 1 and serving wire center 2 is in Pricing Zone 2), the higher priced mileage rate will be applied to the entire channel mileage.

## 20.2.2 Nonrecurring Charges

#### 20.2.1.1 General

Nonrecurring Charges are one-time charges that apply for specific work activities (i.e., installation of new service, moves and rearrangements of installed services.) There are three different Nonrecurring Charges; Administrative Charge, Design and Central Office Connection Charge and the Customer Connection Charge and they are applied as follows; The Administrative Charge applies any time a customer initiates an order for service. This charge applies once per customer order. The Design and Central Office Connection Charge applies to each service installed, and is charged once per circuit. The Customer Connection Charge applies to each service installed, and is charged once per Local Distribution Channel.

#### 20.2.1.2 Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in 20.1.2.1 preceding or a change in the physical location of the point of termination at a customer premises. Changes in physical location of the point of termination are treated as moves and the following nonrecurring charges apply; Administrative, Design and Central Office and Customer Connection.

All other service rearrangements will be charged for as follows: If a change involves a change of a customer of record and no physical relocation or rearrangements of the service are required, the Administrative Charge will apply. For the change of customer of record to be treated as a service rearrangement, the new customer must assume liability for both current and prior charges for the service.

If a change involves a customer of record change (supercede) and no new physical relocation or rearrangement of the service is required, no charges apply and the new customer must assume liability for both current and prior charges for the service.



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#### SOUTHWESTERN BELL DS3 SERVICE

### 20.2 RATE CONFIGURATION (Continued)

- 20.2.1 Nonrecurring Charges (Continued)
  - 20.2.1.2 Service Rearrangements (Continued)

For all other charges which require physical work to be performed, one Design and Central Office Connection Charge and one Customer Connection Charge per LDC will apply. The Administrative Charge will also apply.

For all other changes not requiring physical work at the central office, or customer premises, including a change in the customer assigned circuit identification or billing account number (when initiated by the customer), the Administrative Charge will apply.

- 20.2.1.3 Cancellation of Application For Service
  - (A) When an applicant cancels an order for service, other than those provided by Special Construction;

Prior to the issuance of an order, no charges apply.

After the issuance of an order, Nonrecurring Charges apply as follows:

- Canceled before the Record Issue Date (RID), the Administrative Charge applies.
- Canceled on or after the RID, but before the Plant Test Date (PTD), the Administrative Charge and the Design and Central Office Connection Charge apply.
- Canceled on or after the PTD, the Administrative Charge, Design and Central Office Connection Charge and Customer Connection Charge apply.
- (B) When an applicant cancels an order for service involving Special Construction;

Prior to the issuance of an order, no charges apply.

After the issuance of an order, but prior to the start of construction, all Nonrecurring Charges associated with the design of the Special Construction and the Administrative Charge will apply.



Digital Link Services Tariff Section 20 Original Sheet 7

#### SOUTHWESTERN BELL DS3 SERVICE

## 20.2 RATE CONFIGURATION (Continued)

## 20.2.2 Nonrecurring Charges (Continued)

### 20.2.1.3 Cancellation of Application For Service (Continued)

(B) (Continued)

After construction has begun;

- If there is another requirement for the specially constructed facilities, the Administrative Charge, Design and Central Office Connection Charge, and the Customer Connection Charge will apply.
- If there is no other use for the specially constructed facilities, a charge equal to all the costs incurred in the special construction (including overheads), less net salvage, applies in addition to the Administrative Charge, Design and Central Office Connection Charge, and the Customer Connection Charge.

Installation or Special Construction of facilities for a customer start when the Company incurs any expense in connection therewith which would not otherwise have been incurred and the customer has advised the Company to proceed with the installation or Special Construction.

#### 20.2.3 Local Distribution Channel

The local distribution channel is the channel between a customer's premises and the SWBT serving wire center that normally provides service to that customer's premises.

#### 20.2.4 Interoffice Channel Mileage

Interoffice channel mileage is defined as the component of the service between two SWBT serving wire centers, between a serving wire center and a SWBT-designated digital hub, or between digital or NRS hubs. The serving wire centers may be located in the same exchange area, as in a multi-office metropolitan exchange, or may be located in different exchange areas.

Interoffice channel mileage charges include; a fixed interoffice channel charge and a per interoffice mileage charge which is based on the vertical and horizontal (V-H) distance between serving wire centers, a serving wire center and a digital hub, between digital or NRS hubs, or between exchanges, measured in whole miles. Fractional miles are rounded to the next whole mile. V-H coordinates for serving wire centers and designated digital and NRS hubs can be found in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff.



Digital Link Services Tariff Section 20 Original Sheet 8

#### SOUTHWESTERN BELL DS3 SERVICE

#### 20.2RATE CONFIGURATION (Continued)

#### 20.2.5 Additional Service Features

#### A. Central Office Multiplexing

Central Office multiplexing is an arrangement which either converts an electrical DS3 channel to twenty-eight DS1 channels or converts twenty-eight DS1 channels to an electrical DS3 channel. Timing for the DS1 channels utilizes digital time division multiplexing.

Special routing may be required in order to provide this service.

#### B. SecureNet

Where available, SecureNet provides automatic restoration capabilities which prevent service interruption in the event of either a single facility break or a single loop electronics failure. This feature is called SecureNet. SecureNet is available with point-to-point Southwestern Bell DS3 Service only where fiber optic facilities are used to provide the Southwestern Bell DS3 Service.

The automatic restoration capabilities are provided through the use of intelligent components that are capable of sensing transmission failure in the fiber facilities. The primary and secondary transmission paths are separately routed in geographically and physically separate fiber optic cables up to the point nearest the customer's premises that route redundancy can be achieved. In the event of a transmission failure caused by a single facility break or a single loop electronics failure, the intelligent components will automatically switch the Southwestern Bell DS3 Service to the secondary transmission path within 2.0 seconds.

The secondary transmission path for Southwestern Bell DS3 Service equipped with SecureNet will be routed in a geographically separate fiber optic cable up to the nearest point to the customer's premises that route redundancy can be achieved. In the event a facility break occurs in that portion of the Southwestern Bell DS3 Service for which route redundancy could not be achieved (e.g., interoffice channel mileage), SWBT cannot guarantee automatic restoration of the customer's service within 2.0 seconds, and a credit as set forth in 20.1.2.4 B preceding will not apply. In this case, the normal allowance for service interruptions applies as outlined in 20.1.2.4 A preceding.

SecureNet is available at those serving wire centers where equipment and facilities are available. Special construction charges may apply when fiber optic facilities are not available or unusual expenditures are involved in making them available to provide this feature. The service interval will be within two years from the date of customer request for service or the agreed upon date if special construction applies.

The SecureNet feature provided is loop protection. This feature provides automatic restoration of the Southwestern Bell DS3 Service local distribution channel and physical route redundancy from the customer's premises to the customer's serving wire center in the event of a single loop failure.



Digital Link Services Tariff Section 20 Original Sheet 9

#### SOUTHWESTERN BELL DS3 SERVICE

## 20.2 RATE CONFIGURATION (Continued)

20.2.5 Additional Service Features (Continued)

## C. Rollover

A Rollover is a customer-initiated move that involves a change of a point of termination from an existing lower-speed service to Southwestern Bell DS3 Service within the same customer premises.



Digital Link Services Tariff
Section 20
2nd Revised Sheet 10
Replacing 1st Revised Sheet 10

(CT) DS3 SERVICE

#### 20.3 RATES AND CHARGES

## 20.3.1 Nonrecurring Charges

<u>USOC</u>	Nonrecurring Charge
NRBA1	\$125.00
NRBA2	\$125.00
NRBA3	\$125.00
NRBD1 NRBD2 NRBD3	\$500.00 \$500.00 \$500.00
NRBB1 NRBB2 NRBB3	\$750.00 \$750.00 \$750.00
	NRBA1 NRBA2 NRBA3 NRBD1 NRBD2 NRBD3

(CT) /1/ For customers ordering new DS3 service who choose a Term Payment Plan (TPP) period of 2
 Years or greater in length, the Administrative Charge, the Design and Central Office Connection
 Charge and Customer Connection Charge will not apply. However, customers requesting
 (CP) termination of service prior to the completion of a minimum of 2 Years of a 2 Year or greater TPP
 term will become liable for payment of Nonrecurring Charges described above.

Issued: October 17, 2003 Effective: November 18, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Digital Link Services Tariff
Section 20
1st Revised Sheet 10
Replacing Original Sheet Oblic

## SOUTHWESTERN BELL DS3 SERVICE

#### 20.2 RATES AND CHARGES

**REC'D APR 2 5 2001** 

## 20.3.1 Nonrecurring Charges

Service Commission

		USOC	Nonrecurring Charge
(AT)	Administrative Charge /1/		
, ,	- per order		
	Zone 1	NRBA1	\$125.00
	Zone 2	NRBA2	\$125.00
	Zone 3	NRBA3	\$125.00
	Design and Central Office C	onnection Charge /1/	
	Zone 1	NRBD1	\$500.00
	Zone 2	NRBD2	\$500.00
	Zone 3	NRBD3	\$500.00
	Customer Connection Charge	e ' <sup>11</sup> '	
	Zone 1	NRBB1	\$750.00
	Zone 2	NRBB2	\$750.00
	Zone 3	NRBB3	<b>\$75</b> 0.00

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Missouri Public

FILED MAY 2 5 2001

Service Commission

(AT)

/1/ For customers ordering new Southwestern Bell DS3 service who choose a Term Payment Plan (TPP) period of 36 months or greater in length, the Administrative Charge, the Design and Central Office Connection Charge and Customer Connection Charge will not apply. However, customers requesting termination of service prior to the completion of a minimum of 36 months of a 36-month or greater TPP term will become liable for payment of Nonrecurring Charges described above.

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Effective: May 25, 2001

Digital Link Services Tariff Section 20 Original Sheet 10

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#### SOUTHWESTERN BELL DS3 SERVICE

#### 20.3 RATES AND CHARGES

DEC 28 2000

Nonrecurring Charges		MISSOURI Public Service Commission
	USOC	Nonrecurring Charge
dministrative Charge		
per order		
Zone 1	NRBA1	\$125.00
Zone 2	NRBA2	\$125.00
Zone 3	NRBA3	\$125.00
esign and Central Office Conn per circuit	ection Charge /1/	
Zone 1	NRBD1	\$500.00
Zone 2	NRBD2	\$500.00
Zone 3	NRBD3	\$500.00
_		
<del>-</del>	NRBB1	\$750.00
		\$750.00
Zone 3	NRBB3	\$750.00
	dministrative Charge per order Zone 1 Zone 2 Zone 3 esign and Central Office Conn per circuit Zone 1 Zone 2 Zone 3 ustomer Connection Charge 1 per termination Zone 1 Zone 2	dministrative Charge per order Zone 1 NRBA1 Zone 2 NRBA2 Zone 3 NRBA3  esign and Central Office Connection Charge /1/ per circuit Zone 1 NRBD1 Zone 2 NRBD2 Zone 3 NRBD3  ustomer Connection Charge /1/ per termination Zone 1 NRBB1 Zone 2 NRBB2

MAY 2.5 2001 y 15t/ RS 10

Public Service Commission
MISSOURI

CANCELLED

/1/ For customers ordering new Southwestern Bell DS3 service who choose a Term Payment Plan (TPP) period of 36 months or greater in length, the Design and Central Office Connection Charge and Customer Connection Charge will not apply. However, customers requesting termination of service prior to the completion of a minimum of 36 months of a 36-month or greater TPP term will become liable for payment of Nonrecurring Charges described above.

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JAN 27 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Public Service Commission

Digital Link Services Tariff
Section 20
2nd Revised Sheet 11
Replacing 1st Revised Sheet 11

#### **DS3 SERVICE**

## (CT) 20.3 RATES AND CHARGES (cont'd)

## 20.3.2 Recurring Rates

				Monthly R	ates	
	HIGOG	1.37	2.37	2.37	<i>7</i> 37	Monthly
	<u>USOC</u>	1 Year	2 Year	3 Year	5 Year	<u>Extension</u>
Local Distribution Channel						
- Per channel terminated on a customer's premises	l					
Zone 1	TZUP1	\$1,950.00	\$1,500.00	\$1,200.00	\$ 975.00	\$2,550.00(CR)
Zone 2	TZUP2	2,100.00	1,620.00	1,300.00	1,050.00	2,650.00(CR)
Zone 3	TZUP3	2,250.00	1,740.00	1,400.00	1,125.00	2,950.00(CR)
Interoffice Channel Mileage						
- Fixed						
Zone 1	CZ4X1	\$725.00	\$620.00	\$550.00	\$500.00	\$1,050.00(CR)
Zone 2	CZ4X2	750.00	645.00	575.00	525.00	1,150.00(CR)
Zone 3	CZ4X3	775.00	670.00	600.00	550.00	1,250.00(CR)
- Variable						
Rate per V-H mile, or fraction thereof, between serving wire centers, or between a serving wire center and digital hub.						
Zone 1	1YZX1	\$100.00	\$82.00	\$70.00	\$45.00	\$160.00(CR)
Zone 2	1YZX2	105.00	87.00	75.00	50.00	185.00(CR)
Zone 3	1YZX3	110.00	92.00	80.00	55.00	210.00(CR)

Issued: June 21, 2005 Effective: July 21, 2005

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Digital Link Services Tariff Section 20 1st Revised Sheet 11 Replacing Original Sheet 11

(CT)

**DS3 SERVICE** 

Missouri Public

20.3 RATES AND CHARGES-(Continued)

**REC'D OCT 1 7 2003** 

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	20.3.2 Recurring Rates				S	ervice (	Commis
				Moi	othly Rates	J. V.OO .	00:::::::::::
(AT)		<u>USOC</u>	1 Year	2 Year	3 Year	5 Year	Monthly Extension
	Local Distribution Channel						
	- Per channel terminated on a customer's premises						
	Zone 1	TZUPI	\$1,950.00	\$1,500.00(NR)	\$1,200.00	\$ 975.00	\$2,400.00
	Zone 2		•	\$1,620.00(NR)			\$2,600.00
	Zone 3	TZUP3	\$2,250.00	\$1,740.00(NR)	\$1,400.00	\$1,125.00	\$2,800.00
	Interoffice Channel Mileage						
	- Fixed						
	Zone 1	CZ4X1	\$725.00	\$620.00(NR)	\$550.00	\$500.00	\$1,000.00
	Zone 2	CZ4X2	\$750.00	\$645.00(NR)	\$575.00	\$525.00	\$1,100.00
	Zone 3		\$775.00	\$670.00(NR)	\$600.00	\$550.00	\$1,200.00
	- Variable				CAR	CELLF	מ
	Rate per V-H mile, or				JUI	2 1 200	<b>5</b> ,
	fraction thereof, between serving wire centers, or				By 210	1 RS 1	//
	between a serving wire			Pul	blic Serv	ice Comr	nission

Issued: October 17, 2003

Zone 1

Zone 2

Zone 3

center and digital hub.

Effective: November 18, 2003

MISSOURI

\$45.00

\$50.00

\$55.00

\$70.00

\$75.00

\$80,00

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

\$82.00(NR)

\$87.00(NR)

\$92.00(NR)

1YZX1 \$100.00

1YZX2 \$105.00

1YZX3 \$110.00

Missouri Fublic Service Commission

\$150.00

\$175.00

\$200.00

Digital Link Services Tariff
Section 20
Original Sheet 11

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## SOUTHWESTERN BELL DS3 SERVICE

# 20.3 RATES AND CHARGES-(Continued)

20.3.2 Recurring Rates

Issued: December 28, 2000

MISSOURI
Public Service Commission
Monthly Rates

<i>8</i>			Monthl	y Rates	Commission Commission
					Monthly
	<u>USOC</u>	1 Year	3 Year	5 Year	Extension
Local Distribution Channel					
- Per channel terminated on a customer's premises					
Zone 1	TZUP1	\$1,950.00	\$1,200.00	\$ 975.00	\$2,400.00
Zone 2	TZUP2	\$2,100.00	\$1,300.00	\$1,050.00	\$2,600.00
Zone 3	TZUP3	\$2,250.00	\$1,400.00	\$1,125.00	\$2,800.00
Interoffice Channel Mileage					
- Fixed					
Zone 1	CZ4X1	\$725.00	\$550.00	\$500.00	\$1,000.00
Zone 2	CZ4X2	\$750.00	\$575.00	\$525.00	\$1,100.00
Zone 3	CZ4X3	\$775.00	\$600.00	\$550.00	\$1,200.00
- Variable					
Rate per V-H mile, or fracti- thereof, between serving wi- centers, or between a servin wire center and digital hub.	re				
Zone 1	1YZX1	\$100.00	\$70.00	\$45.00	\$150.00
Zone 2	1YZX2	\$105.00	\$75.00	\$50,00	\$175.00
Zone 3	1YZX3	\$110.00	\$80.00	\$55.00	\$200.00

CANCELLED

Public Sorvice Commission

Effective: January 27, 2001

JAN 27 2001

FILED

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

MISSOURI Public Service Commission

Digital Link Services Tariff
Section 20
2nd Revised Sheet 12
Replacing 1st Revised Sheet 12

#### **DS3 SERVICE**

# (CT) 20.3 RATES AND CHARGES (cont'd)

# 20.3.3 Additional Service Features

		Monthly Rates				
	<u>USOC</u>	1 Year	2 Year	3 Year	5 Year	Monthly Extension
Central Office Multiplexing - DS3 to DS1						
Zone 1 Zone 2	QM3X1 QM3X2	\$725.00 750.00	\$605.00 630.00	\$525.00 550.00	\$475.00 500.00	\$1,050.00(CR) 1,150.00(CR)
Zone 3	QM3X3	775.00	655.00	575.00	525.00	1,250.00(CR)
		Monthly		N	onrecurrin	g USOC
SecureNet		-	Rate	_	Charge	<u> </u>
- Per local distribution channel			\$0.00		\$0.00	P7T

Issued: June 21, 2005 Effective: July 21, 2005



P.S.C. Mo.- No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Missouri Public

Digital Link Services Tariff

Section 20

1st Revised Sheet 12

REC'D OCT 1 7 2003 Replacing Original Sheet 12

(CT)

DS3 SERVICE Service Commission

20.3 RATES AND CHARGES-(Continued)

20.3.3 Additional Service Features

			Monthly Rates				
(AT)		<u>USOC</u>	1 Year	2 Year	3 Year	5 Year	Monthly Extension
	Central Office Multiplexing - DS3 to DS1						
	Zone 1	QM3X1	\$725.00	\$605.00(NR)	\$525.00	\$475.00	\$1,000.00
	Zone 2	QM3X2	\$750.00	\$630.00(NR)	\$550.00	\$500.00	\$1,100.00
	Zone 3	QM3X3	\$775.00	\$655.00(NR)	\$575.00	\$525.00	\$1,200.00
				Monthly		curring	
				Rate	<u>Ch</u> :	arge	<u>USOC</u>
	SecureNet						
	- Per local distribution cha	nnel		\$0.00	\$0	.00	P7T

CANCELLED

Issued: October 17, 2003

Effective: November 18, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Publië Service Commission

FILED NOV 18 2003

Digital Link Services Tariff Section 20



## SOUTHWESTERN BELL DS3 SERVICE

20.3 RATES AND CHARGES-(Continued)

Central Office Multiplexing

- Per local distribution channel

- DS3 to DS1

Zone 1 Zone 2 Zone 3

SecureNet

DEC 28 2000

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20 3 3	Additional	Service	Features
20.5.5	Audinonai	DCI VICE	r catures

,,,			Monthly	y Rates	ivice Commist	SIC
	USOC	1 Year	3 Year	5 Year	Monthly Extension	
	QM3X1	\$725.00	\$525.00	\$475.00	\$1,000.00	
	QM3X2	\$750.00	\$550.00	\$500.00	\$1,100.00	
	QM3X3	\$775.00	\$575.00	\$525.00	\$1,200.00	
		Mo	onthly	Nonrecurring		
		Ra	ate	Charge	<u>USOC</u>	

\$0.00

CANCELLED

NOV 1 8 2003

NOV 1 8 2003

Public Representation

\$0.00

FILED

Issued: December 28, 2000

Effective: January 27, 2001

JAN 27 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

MISSOURI Public Service Commission

Digital Link Services Tariff Section 20 Original Sheet 13

## SOUTHWESTERN BELL DS3 SERVICE

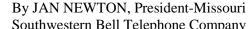
## 20.3 RATES AND CHARGES-(Continued)

## 20.3.4 Rate Zones

Issued: December 28, 2000

All serving wire centers in the state of Missouri have been assigned a rate zone. The following table lists all serving wire centers classified as either Zone 1 or Zone 2. All serving wire centers not listed are classified as Zone 3 serving wire centers.

ZONE 1	ZONE 2
KSCYMO55	STLSMO27
STLSMO01	STLSMO42
STLSMO21	STJSMODN
STLSMO05	STLSMO07
SPFDMOMC	KSCYMO05
	JPLNMOMA
	STLSMO23
	SPFDMOTU
	CPGRMOED
	STLSMO41
	KSCYMO22
	CHFDMO52
	STLSMO43
	KSCYMO02
	MNCHMO59
	KSCYMO41
	HVTRMO67
	KSCYMO23
	PPBLMOSU
	KSCYMO24
	SKSTMOGR
	KSCYMO01



Southwestern Bell Telephone Company St. Louis, Missouri



Effective: January 27, 2001

(CT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 20
1st Revised Sheet 14
Replacing Original Sheet 14

(CT) DS3 SERVICE

#### (AT) 20.4 TERM PRICING PLAN

- The Term Pricing Plan provides the customer with rate stabilization and discounted tariff rates.

  (AT) The Term Pricing Plan provides for one, two, three, or five year rate stabilization. Decreases in monthly recurring tariff rates will be passed on to customers who participate in a Term Pricing Plan(TPP). SBC will notify customers participating in a Term Pricing Plan when monthly rates are decreased.
- (CT) Should SBC increase its rates during the Term Pricing Plan period, the customer will continue to pay the rates in effect at the time the customer elected to establish service under the Term Pricing Plan.
- (AT) The customer may choose to terminate an existing Term Pricing Plan before the end of the 1, 2, 3 or 5 year period and negotiate a new 1, 2, 3 or 5 year Term Pricing Plan. The new TPP must be based upon the rates that are currently in effect and available to all customers.
- (CT) The customer must provide SBC with a written notice of intent to renew a Term Pricing Plan no later than 90 days prior to its expiration. If a customer chooses to renew a Term Pricing Plan, the monthly rates for the new TPP selected will be at the current rates in effect for new customers. If the customer elects not to renew the Term Pricing Plan, or does not notify SBC of the customer's intent to renew the Term Pricing Plan, the service will automatically be billed under the tariffed monthly extension rate in effect at the time the Term Pricing Plan expires.

Any special construction charges incurred for services billed under a Term Pricing Plan will be applicable as provided for in Section 1.4.4 of this tariff.

During a customer's TPP term, conversion may be made to a new TPP term of the same or different length or to a higher speed service, if the expiration date for the new service or TPP term is beyond the end of the original TPP term. The new TPP term becomes effective upon execution. No credit for months under the previous TPP may be transferred to the new TPP. The customer incurs no liability for the remaining months on the original TPP, since the change is not considered a termination of service. The prices applicable for the new term are those currently in effect for new customers.

During a TPP term a customer may move one Local Distribution Channel (LDC) of DS3 Service to another location in the same LATA and keep the TPP in force, provided no lapse in service occurs. The customer must have met a 12 month minimum in-service period at the old location and be liable for at least 12 months remaining at the new location. Nonrecurring Charges, as appropriate, will apply.

Issued: October 17, 2003 Effective: November 18, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



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Digital Link Services Tariff Section 20 Original Sheet 14

# SOUTHWESTERN BELL DS3 SERVICE

20.4 Term Pricing Plan

## MISSOURI **Public Service Commission**

The Term Pricing Plan provides the customer with rate stabilization and discounted tariff rates. The Term Pricing Plan provides for one, three, or five year rate stabilization. Decreases in monthly recurring tariff rates will be passed on to customers who participate in a Term Pricing Plan(TPP). SWBT will notify customers participating in a Term Pricing Plan when monthly rates are decreased.

Should SWBT increase its rates during the Term Pricing Plan period, the customer will continue to pay the rates in effect at the time the customer elected to establish service under the Term Pricing Plan.

The customer may choose to terminate an existing Term Pricing Plan before the end of the 1, 3 or 5 year period and negotiate a new 1, 3 or 5 year Term Pricing Plan. The new TPP must be based upon the rates that are currently in effect and available to all customers.

The customer must provide SWBT with a written notice of intent to renew a Term Pricing Plan no later than 90 days prior to its expiration. If a customer chooses to renew a Term Pricing Plan, the monthly rates for the new TPP selected will be at the current rates in effect for new customers. If the customer elects not to renew the Term Pricing Plan, or does not notify SWBT of the customer's intent to renew the Term Pricing Plan, the service will automatically be billed under the tariffed monthly extension rate in effect at the time the Term Pricing Plan expires.

Any special construction charges incurred for services billed under a Term Pricing Plan will be applicable as provided for in Section 1.4.4 of this tariff.

During a customer's TPP term, conversion may be made to a new TPP term of the same or different length or to a higher speed service, if the expiration date for the new service or TPP term is beyond the end of the original TPP term. The new TPP term becomes effective upon execution. No credit for months under the previous TPP may be transferred to the new TPP. The customer incurs no liability for the remaining months on the original TPP, since the change is not considered a termination of service. The prices applicable for the new term are those currently in effect for new customers.

During a TPP term a customer may move one Local Distribution Channel (LDC) of Southwestern Bell DS3 Service to another location in the same LATA and keep the TPP in force, provided no lapse in service occurs. The customer must have met a 12 month minimum in-service period at the old location and be liable for at least 12 months remaining at the new location. Nonrecurring Charges, as appropriate, will apply. CANCELLED

Issued: December 28, 2000 Effective: January 27, 2001

JAN 27 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company MISSOURI St. Louis, Missouri **Public Service Commission**  (AT)

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Section 20
2nd Revised Sheet 15
Replacing 1st Revised Sheet 15

(CT) DS3 SERVICE

#### 20.4 TERM PRICING PLAN (cont'd)

During a customer's TPP term, a customer may elect to include DS3 Service into the customer's Network Reconfiguration Service (NRS) database. The customer may opt to convert to a new TPP term of the same or different length or to continue the current TPP term to the original expiration date. If the expiration date for the new TPP term is beyond the end of the original TPP term, termination charges for the original term will not apply. Adding an existing service to the customer's NRS database requires that all nonrecurring charges applicable to the installation of the service apply.

If the customer terminates the Term Pricing Plan agreement prior to the expiration of the one, three, or five year TPP, the customer shall pay a termination charge. TPPs terminated as a result of a re-negotiation are excluded from termination charges. Payment of the termination charge does not release the customer from other previous amounts owed to the Company.

The termination charge for all service terms will be calculated as follows:

For service terms that become effective on or after October 1, 2004:

- All unpaid Special Construction or nonrecurring charges (excluding any waived charges); plus
- Fifty percent (50%) of all recurring charges for the remaining months of the customer's term.
- (AT) For service terms in effect prior to October 1, 2004:

If a customer cancels a Service Order or terminates service before the completion of the term, the customer agrees to pay the Company termination liability charges, which are defined below. These charges shall become due and owing as of the effective date of the cancellation or termination and be payable within the period set forth in the General Exchange Tariff, Section 23, Paragraph 6.

In addition to any special construction liabilities, customer termination liability for cancellation of a DS3 Service shall be equal to the lesser of:

- All credits issued and charges waived in association with a new connection plus the number of months the customer had the DS3 service (12 months minimum as noted in Paragraph 20.1.2.1 of this tariff) times the difference between the tariff rate for the highest completed term and the tariff rate for the term contracted for, or
- The remaining minimum contract obligation.

Issued: September 1, 2004 Effective: October 1, 2004

FILED MO PSC

# Missouri Public

Digital Link Services Tariff Section 20 1st Revised Sheet 15 Replacing Original Sheet 15

# SOUTHWERE RINABERL BS SERVICE

20.4 Term Pricing Plan (Continued) Service Commission

During a customer's TPP term, a customer may elect to include Southwestern Bell DS3 Service into the customer's Network Reconfiguration Service (NRS) database. The customer may opt to convert to a new TPP term of the same or different length or to continue the current TPP term to the original expiration date. If the expiration date for the new TPP term is beyond the end of the original TPP term, termination charges for the original term will not apply. Adding an existing service to the customer's NRS database requires that all nonrecurring charges applicable to the installation of the service apply.

If a customer cancels a Service Order or terminates service before the completion of the term, the customer agrees to pay the Company termination liability charges, which are defined below. These charges shall become due and owing as of the effective date of the cancellation or termination and be payable within the period set forth in the General Exchange Tariff, Section 23, Paragraph 6.

In addition to any special construction liabilities, customer termination liability for cancellation of a Southwestern Bell DS3 Service shall be equal to the lesser of:

All credits issued and charges waived in association with a new connection plus the number of months the customer had the DS3 service (12 months minimum as noted in paragraph 20.1.2.1 of this tariff) times the difference between the tariff rate for the highest completed term and the tariff rate for the term contracted for, or

The remaining minimum contract obligation.

(RT)

(RT)

CANCELLED

OCT 0 1 2004

Public Service Commission
MISSOURI

Missouri Public

FILED MAY 2 5 2001

Service Commission

Issued: April 25, 2001 Effective: May 25, 2001

P.S.C. Mo.-No. 38

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

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Digital Link Services Tariff Section 20 Original Sheet 15

DEC 28 2000 SOUTHWESTERN BELL DS3 SERVICE

20.4 Term Pricing Plan (Continued)

MISSOURI **Public Service Commission** 

During a customer's TPP term, a customer may elect to include Southwestern Bell DS3 Service into the customer's Network Reconfiguration Service (NRS) database. The customer may opt to convert to a new TPP term of the same or different length or to continue the current TPP term to the original expiration date. If the expiration date for the new TPP term is beyond the end of the original TPP term, termination charges for the original term will not apply. Adding an existing service to the customer's NRS database requires that all nonrecurring charges applicable to the installation of the service apply.

If a customer cancels a Service Order or terminates service before the completion of the term, the customer agrees to pay the Company termination liability charges, which are defined below. These charges shall become due and owing as of the effective date of the cancellation or termination and be payable within the period set forth in the General Exchange Tariff, Section 23, Paragraph 6.

In addition to any special construction liabilities, customer termination liability for cancellation of a Southwestern Bell DS3 Service shall be equal to the lesser of:

All credits issued and charges waived in association with a new connection plus the number of months the customer had the DS3 service (12 months minimum as noted in paragraph 20.1.2.1 of this tariff) times the difference between the tariff rate for the highest completed term and the tariff rate for the term contracted for, or

The remaining minimum contract obligation.

## 20.5 Customer Specific Pricing (CSP)

Discounted volume pricing is available to customers who subscribe to a minimum of two DS3 services. The established rates and charges for these services will apply for the duration of the contract. Each customer's contract may contain conditions, rates and charges specific to that customer's needs.

In order to qualify for the discounted volume price, the DS3 services under contract must have one common point of termination, the contract must be 36 months or greater in duration and all DS3s covered by the contract must be in-service within 3 months of the order date. An existing DS3 customer may elect to transfer their existing DS3 service to a CSP upon ordering a second (or more) DS3 (s) to their same location. Such a transfer will not incur termination liability, however, the CSP contract must be for a term of equal or greater duration to the number of months remaining on the original TPP. CANCELLED

> MAY 25 2001 155 RS 15

Public Service Commission MISSOURI

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Issued: December 28, 2000

• Effective: January 27, 2001 JAN 27 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Public Service Commission

Digital Link Services Tariff Section 21 Index Original Sheet 1

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Digital Link Services Tariff
Section 21
1st Revised Sheet 1
Replacing Original Sheet 1

## SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

#### 21.1 DESCRIPTION AND APPLICATION OF SERVICES

#### 21.1.1 General

SBC Multi-service Optical Network (MON) Service provides high volume optical transport utilizing multiplexing technology in a point-to-point configuration. Multiple data signals are transmitted over fiber-optic cable using different wavelengths of light. Each of these wavelengths represents a transmission channel in the MON system and is protocol independent of every other channel in the system.

SBC Multi-service Optical Network (MON) Service is only available within the Local Access and Transport Areas (LATAs) served by and within the service territories of Southwestern Bell.

(AT) This service is competitively classified.

SBC Multi-service Optical Network (MON) Service can be used to extend customer networks to off-site locations. These include, but are not limited to, disaster recovery, Storage Area Networking connections (SANs), data center mirroring, and mainframe to mainframe communications.

SBC Multi-service Optical Network (MON) Service offers a MON Transport System and MON Channels with the following port interfaces:

IBM Protocols: /1/

ESCON<sup>TM</sup> (200 Mbps) – Enterprise Systems Connection. An IBM duplex optical connection used for computer-to-computer data exchange. ESCON<sup>TM</sup> is limited to a maximum distance of 43 km and actual data throughput is distance sensitive.

ETR<sup>TM</sup> (8 Mbps – Manchester Encoded) – External Timing References. This protocol is used for IBM GEOPLEX<sup>TM</sup> architecture for multiple-location host processors. ETR<sup>TM</sup> is limited to a maximum distance of 40 km.

 $FICON^{TM}$  (1.0625 Gbps) – A higher-speed evolution of ESCON<sup>TM</sup>, enabling 1 Gbps connectivity among mainframes, storage devices and peripherals.  $FICON^{TM}$  may have distance limitations and actual data throughput is distance sensitive.

 $ISC^{TM}$  (1.0625 Gbps) – Inter-System Coupling. This protocol is used with IBM GEOPLEX<sup>TM</sup> architecture for multiple-location host processors.  $ISC^{TM}$  is limited to a maximum distance of 40 km.

/1/ ESCON<sup>TM</sup>, ETR<sup>TM</sup>, FICON<sup>TM</sup>, ISC<sup>TM</sup> and GEOPLEX<sup>TM</sup> are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504

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FILED MO PSC CANCELLED P.S.C. Mo.- No. 38

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MAR 2 9 2002

By Service Commission
MISSOURI

Digital Link Services Tariff
Section 21
Original Revised Sheet 1

Missouri Public Service Commission

TI-SERVICE OPTICAL NETWORK (MON) SERVICE

**REC'D** AUG 31 2001

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES

#### 21.1.1 General

SBC Multi-service Optical Network (MON) Service provides high volume optical transport utilizing multiplexing technology in a point-to-point configuration. Multiple data signals are transmitted over fiber-optic cable using different wavelengths of light. Each of these wavelengths represents a transmission channel in the MON system and is protocol independent of every other channel in the system.

SBC Multi-service Optical Network (MON) Service is only available within the Local Access and Transport Areas (LATAs) served by and within the service territories of Southwestern Bell.

SBC Multi-service Optical Network (MON) Service can be used to extend customer networks to off-site locations. These include, but are not limited to, disaster recovery, Storage Area Networking connections (SANs), data center mirroring, and mainframe to mainframe communications.

SBC Multi-service Optical Network (MON) Service offers a MON Transport System and MON Channels with the following port interfaces:

IBM Protocols: /1/

ESCON<sup>TM</sup> (200 Mbps) – Enterprise Systems Connection. An IBM duplex optical connection used for computer-to-computer data exchange. ESCON<sup>TM</sup> is limited to a maximum distance of 43 km and actual data throughput is distance sensitive.

ETR<sup>TM</sup> (8 Mbps – Manchester Encoded) – External Timing References. This protocol is used for IBM GEOPLEX<sup>TM</sup> architecture for multiple-location host processors. ETR<sup>TM</sup> is limited to a maximum distance of 40 km.

FICON<sup>TM</sup> (1.0625 Gbps) – A higher-speed evolution of ESCON<sup>TM</sup>, enabling 1 Gbps connectivity among mainframes, storage devices and peripherals. FICON<sup>TM</sup> may have distance limitations and actual data throughput is distance sensitive.

ISC<sup>TM</sup> (1.0625 Gbps) – Inter-System Coupling. This protocol is used with IBM GEOPLEX<sup>TM</sup> architecture for multiple-location host processors. ISC<sup>TM</sup> is limited to a maximum distance of 40 km.

/1/ ESCON<sup>TM</sup>, ETR<sup>TM</sup>, FICON<sup>TM</sup>, ISC<sup>TM</sup> and GEOPLEX<sup>TM</sup> are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504

Missouri Public Service Commission Effective: October 1, 2001

FILED OCT 01 2001

Issued: August 31, 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Digital Link Services Tariff Section 21 Original Sheet 2

#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

#### 21.1.1 General (Continued)

Other Protocols:

Fibre Channel (1.0625 Gbps) – an industry standard protocol used to interconnect Storage Area Networks (SANs).

Fast Ethernet – a version of Ethernet that allows data transmission rates of 100 Mbps. Also called "100BaseT".

FDDI - operating at a data rate of 100 megabits per second, FDDI is used to provide a general purpose interconnection between computers and peripheral equipment, including the interconnection of Local Area Networks (LANS) and other networks.

Gigabit Ethernet – a version of Ethernet that allows data transmission rates of 1 Gbps. Also called "1000baseFX". (Available at 850 nm or 1310 nm interface.)

D1 Video – uncompressed digital video signal operating at 270 Mbps.

SONET OC-3/OC-3c - provides a fiber-based 155.52 Mbps synchronous optical full duplex data transmission capability.

SONET OC-12/OC-12c - provides a fiber-based 622.08 Mbps synchronous optical full duplex data transmission capability.

SONET OC-48 - provides a fiber-based 2488.32 Mbps synchronous optical full duplex data transmission capability.

SONET Flexible Speed – provides a fiber-based 155.52 Mbps, 622.08 Mbps or 2488.32 Mbps synchronous optical full duplex data transmission capability.

Sub-Rate System – provides a multiplexing system operating at 1.25 Gbps with 4 ports. Applicable to ESCON<sup>TM</sup>, Fast Ethernet, FDDI, D1 Video and OC3 port interfaces.

Note: Neither electrical interfaces nor optical add/drop multiplexing are available with this service. Additionally, services with time-delay sensitive protocols have facility length limitations and may affect the design/availability of MON. (e.g. CPU to CPU communications have a maximum distance limitation of 60 km).



Digital Link Services Tariff Section 21 Original Sheet 3

#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

#### 21.1.2 Definitions

Local Distribution Channel (LDC) - Provides for the communications path between the customer's designated premises and the Serving Wire Center of that premises, or, if the customer has selected a diversity option, between the customer's designated premises and a Company selected alternate wire center.

Interoffice Channel (IC) - Provides for the transmission facilities between the Serving Wire Centers associated with the designated customer premises, or, if the customer has selected a diversity option, between Company selected Alternate Wire Centers.

Customer Premises Node - Provides for the termination of service at the customer's premises and presents the various selected ports to the customer.

Central Office Optical Amplifier - Provides for an optical signal boost if the distance between nodes exceeds the transmission loss parameters (link loss specific). Engineering considerations may dictate the need for more than one optical amplifier on a circuit route. These additions may be service affecting.

Central Office Regenerator - Provides for re-timing, re-shaping and regeneration of the signal if degradation exceeds the dispersion limits.

Port - Provides the channel interface at the customer's premises. All node ports that connect to the same individual wavelength or channel within a MON system must be of the same access speed.

Channel Protection (Optional) - Provides protection for a single channel toward the network. It does not protect the channel against failure towards the customer interface. Protection reduces the maximum individual channel capacity of the system.

## 21.1.3 Regulations

The regulations, rates and charges specified herein are in addition to other regulations, rates and charges as specified in this and other SWBT tariffs.

The services provided for SBC Multi-service Optical Network (MON) Service are primarily designed to meet the private line communications requirements of business customers, and the regulations herein reflect the reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services. This assistance includes, but is not limited to, advice as to which private line service best meets the customer's requirements, taking into consideration the customer's present and future communications needs.



Digital Link Services Tariff Section 21 Original Sheet 4

#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

## 21.1.3 Regulations (Continued)

In addition, SWBT will continue to assist and advise the customers and cooperatively respond to the requirements of the customer until such time as the private line service is discontinued. The aforementioned level of assistance is considered to be part of the private line service offering.

#### 21.1.4 Provision of Service

- A. SBC Multi-service Optical Network (MON) Service is available only on a point-to-point intraLATA basis to customers served by and within the service territories of SWBT only.
- B. SBC Multi-service Optical Network (MON) Service is furnished on a full-time basis (24 hours a day, seven days per week.)
- C. SBC Multi-service Optical Network (MON) Service can only be provided within the same LATA where existing facilities and equipment permit. Services between serving wire centers must have appropriate service components between all intermediate offices to have the ability to provide the service. Additional service features may be available only at selected central offices as determined by SWBT.
- D. Customer requests for SBC Multi-service Optical Network (MON) Service may require construction of suitable service components. The regulations, rates and charges applicable to special construction are found in Section 1.4.4 of this Tariff. Service availability will be negotiated locally.
- E. The customer provided equipment must deliver the data signals for the SBC Multi-service Optical Network (MON) Service transport within the industry specification for the subscribed data services.
- F. SBC Multi-service Optical Network (MON) Service provides physical layer transport only. The Company assumes no responsibility for the signals generated by the customer, for the quality of or defects in such signals, for the reception of signals by the customer, or address signaling to the extent addressing is performed by the customer. Error detection and correction of data generated by the customer is the customer's responsibility.



Digital Link Services Tariff Section 21 Original Sheet 5

#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

## 21.1.4 Provision of Service (Continued)

- G. The service is considered interrupted when the customer reports a service disruption to the Company and the Company confirms that continuity of its service has been lost.
- H. SBC Multi-service Optical Network (MON) Service may have distance limitations based on the services carried and may require routing through wire centers (central offices) based on loss limits between nodes.
- I. Central Office Optical Amplifiers may have to be added to a SBC Multi-service Optical Network (MON) Service subsequent to the initial installation.
- J. When additional services are added, such installation may cause a service interruption to existing unprotected channels, or a protection switch on protected channels.
- K. The maximum capacity of a SBC Multi-service Optical Network (MON) Service system is either 64 unprotected channels or 32 protected channels.



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#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

## 21.1.4 Provision of Service (Continued)

- L. Prior to confirming an order for service, the Company will provide a proposed route diagram to the customer. In order to avoid compromising diversity information, the Company will provide this information only to the ordering customer.
  - Installation of either the Local Distribution Channel Route Diversity option, the Interoffice Facility Route Diversity option or the Total Route Diversity option will not begin until the customer has accepted the proposed routing by the Company.
- M. Services with time-delay sensitive protocols may have facility length limitations. The Company will work cooperatively with the customer to determine if the desired services can operate between the customers designated premises.
- N. Customer requests for special routing of SBC Multi-service Optical Network (MON) Service channels are provided in accordance with Section 1.4.4 of this tariff.
- O. Demarcation point will be provided by SWBT as set forth in Telcordia Technical Advisory GR-342-CORE. This publication provides transmission parameter limits and interface combinations for high capacity special access services (e.g., DS#), and may be obtained from:

Telcordia Technologies 8 Corporate Place Piscataway, NJ 08854

- P. The placement of the demarcation point shall be located in a manner consistent with federal and state regulatory requirements. This location will be at each customer's premises, unless specified otherwise by the customer or building/landowner and agreed to by SWBT.
- Q. Digital equipment provided by the customer is subject to the regulations set forth in Section 1 of this tariff.
- R. The customer must first order the MON Transport System followed by the MON Channels. When ordering ESCON<sup>TM</sup>, Fast Ethernet, FDDI, D1 Video and OC3 ports, the customer must first order a MON Channel Sub-Rate System over which these services will be assigned.



Digital Link Services Tariff Section 21 Original Sheet 7

#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

#### 21.1.5 Allowance for Interruptions

## Standard Configuration:

Unprotected Channel - A credit allowance will be given for interruptions of service. Refer to Section 1.4.8 of this tariff for calculating credit allowances.

Protected Channel - Any protected service interruption as a result of a failure on the protected portion of the circuit will result in a credit equal to one month's bill for the circuits involved. If the interruption occurs on an unprotected portion of the circuit, normal terms and conditions for credit allowances as stated in Section 1.4.8 will apply.

# Local Distribution Channel Route Diversity:

Unprotected Channel- A credit allowance will be given for interruptions of service. Refer to Section 1.4.8 of this tariff for calculating credit allowances.

Protected Channel - Any protected service interruption as a result of a failure on the protected portion of the circuit will result in a credit equal to one month's bill for the protected portion of the circuits involved. If the interruption occurs on an unprotected portion of the circuit, normal terms and conditions for credit allowances as stated in Section 1.4.8 will apply.

## Inter-office Facility Route Diversity:

Unprotected Channel - A credit allowance will be given for interruptions of service. Refer to Section 1.4.8 of this tariff for calculating credit allowances.

Protected Channel - Any protected service interruption as a result of a failure on the protected portion of the circuit will result in a credit equal to one month's bill for the protected portion of the circuits involved. If the interruption occurs on an unprotected portion of the circuit, normal terms and conditions for credit allowances as stated in Section 1.4.8 will apply.

#### Total Route Diversity:

Unprotected Channel - A credit allowance will be given for interruptions of service. Refer to Section 1.4.8 of this tariff for calculating credit allowances.

Protected Channel - Any interruption will result in a credit equal to one month's bill for the circuit involved.



Digital Link Services Tariff Section 21 Original Sheet 8

## SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

## 21.1.6 Assignment or Transfer of Service

The service of a customer, or any rights associated therewith, may be assigned or transferred, with the customers consent, only under the following conditions:

- A) There is no interruption or relocation of the service.
- B) The assignee or transferee assumes all outstanding indebtedness for the service and the unexpired portion of the service period originally contracted for.
- C) All regulations and conditions contained in this tariff shall apply to the assignee or transferee.



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#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

#### 21.1.7 Service Configurations

#### 21.1.7.1 Standard

SBC Multi-service Optical Network (MON) Service is available in three different configurations. The customer must choose, on a per channel basis, between;

- A. Unprotected channel configuration, see 1) below, (maximum capacity of 64 channels),
- B. Protected channel configuration, see 2) below, (maximum capacity of 32 channels) or,
- C. Mixed channel configuration, see 3) below, which includes both unprotected and protected (active/stand-by) channels. (In this configuration, neither route may exceed the 32 channel capacity limit, including stand-by protected channels.)

(See diagram on following page for association with verbiage below.)

- 1) In the unprotected channel configuration, route "A" and route "B" can each carry up to 32 channels between the customer's designated premises. In the event of a route failure, the customer loses the channels utilizing the failed route.
- 2) In the protected channel configuration, all active protected channels are carried over route "A" between the customer's designated premises. All stand-by protected channels are carried over route "B". In the event of a failure on route "A", all active protected channel transmissions will be restored to route "B" stand-by protected channels within an engineered objective of less than 50 milliseconds (not to exceed 2 seconds).
- 3) In the mixed channel configuration, up to 32 channels are available on each route to carry unprotected or protected (active/stand-by) channels. (An active protected channel on one route requires a stand-by protected channel on the other route.) In the event of a route failure, the active protected channel transmissions will be restored to the other route stand-by protected channels within an engineered objective of less than 50 milliseconds (not to exceed 2 seconds). Unprotected channels on the failed route will be lost.



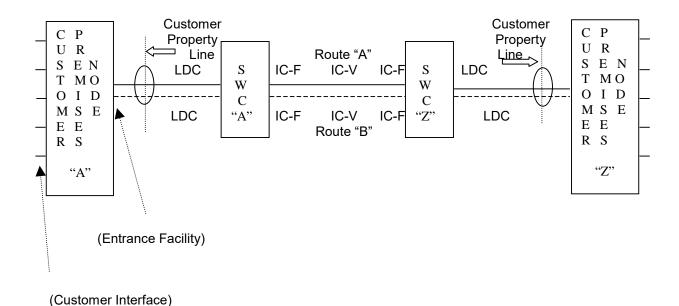
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#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

## 21.1.7 Service Configurations (Continued)

## 21.1.7.1 Standard (Continued)



Note: When utilizing this architecture, a fiber cable cut may result in all channels being lost since both routes share the same physical cable path.

This service does not include a second (diverse) entrance facility to the customer's premises. If the customer wants the LDC to enter their premises via a second entrance facility, they must provide such a facility to their building. (The customer may contact the Company and order the second entrance facility utilizing a Special Construction payment option.)



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#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

21.1.7 Service Configurations (Continued)

## 21.1.7.2 Optional

A. Local Distribution Channel (LDC) Route Diversity

This option, ordered on a per-end basis, routes the customer's service across two physically diverse LDC routes to their Serving Wire Center (SWC). Local Distribution Channel Route Diversity will assure 99.995 percent availability of the service over the protected portion of the route. Any service interruption will result in a credit allowance as described in Paragraph 21.1.5 preceding.

(See diagram on following page for association with verbiage below.)

- 1) If the customer chooses to use this option in the unprotected channel configuration, both route "A" and route "B" transport up to 32 active, unprotected channels to the SWC. In the event of a route failure, the customer loses the channels utilizing the failed route.
- 2) If the customer chooses to use this option in the protected channel configuration, all active protected channels are carried over route "A" to the SWC. All stand-by protected channels are carried over route "B". In the event of a failure on route "A", all active protected channel transmissions will be restored to route "B" stand-by protected channels within an engineered objective of less than 50 milliseconds (not to exceed 2 seconds).
- 3) If the customer chooses to use this option in the mixed channel configuration, up to 32 channels are available on each route to carry unprotected or protected (active/stand-by) channels. (An active protected channel on one route requires a stand-by protected channel on the other route.) In the event of a route failure, the active protected channel transmissions will be restored to the other route stand-by protected channels within an engineered objective of less than 50 milliseconds (not to exceed 2 seconds). Unprotected channels on the failed route will be lost.



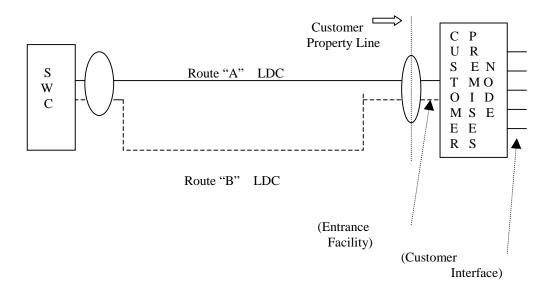
#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

## 21.1.7 Service Configurations (Continued)

## 21.1.7.2 Optional (Continued)

## A. Local Distribution Channel (LDC) Route Diversity (Continued)



Note: When utilizing this architecture, a fiber cable cut on the non-diverse portions of the route, such as the inter-office facility route, may result in all channels being lost since non-diverse route may share the same physical cable path.

This service does not include a second (diverse) entrance facility to the customer's premises. If the customer wants the diversely routed LDC to enter their premises via a second entrance facility, they must provide such a facility to their building. (The customer may contact the Company and order the second entrance facility utilizing a Special Construction payment option.)



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#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

- 21.1.7 Service Configurations (Continued)
  - 21.1.7.2 Optional (Continued)
    - B. Interoffice Channel Route Diversity

This option routes the customer's service across two physically diverse paths between the Serving Wire Centers of the customer's designated premises.

This option will assure 99.995 percent availability of the service over the protected portion of the route. Any service interruption will result in a credit allowance as described in Paragraph 21.1.5 preceding.

(See diagram on following page for association with verbiage below.)

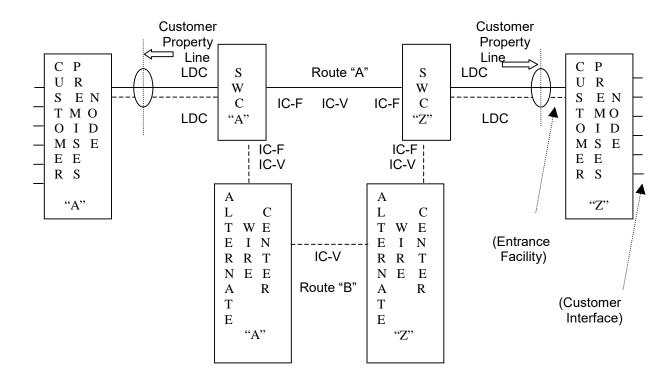
- 1) If the customer chooses to use this option in the unprotected channel configuration, both route "A" and route "B" transport up to 32 active, unprotected channels between the customer designated premises. In the event of a route failure, the customer loses the channels utilizing the failed route.
- 2) If the customer chooses to use this option in the protected channel configuration, all active protected channels are carried over route "A" between the customer's designated premises. All stand-by protected channels are carried over route "B" (alternate route). In the event of a failure on route "A", all active protected channel transmissions will be restored to route "B" stand-by protected channels within an engineered objective of less than 50 milliseconds (not to exceed 2 seconds).
- 3) If the customer chooses to use this option in the mixed configuration, up to 32 channels are available on each route to carry unprotected or protected (active/stand-by) channels. (An active protected channel on one route requires a stand-by protected channel on the other route). In the event of a route failure, the active protected channel transmissions will be restored to the other route stand-by protected channels within an engineered objective of less than 50 milliseconds (not to exceed 2 seconds). Unprotected channels on the failed route will be lost.



#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

- 21.1.7 Service Configurations (Continued)
  - 21.1.7.2 Optional (Continued)
    - B. Interoffice Channel Route Diversity (Continued)



Note: When utilizing this architecture, a fiber cable cut on the non-diverse portions of the route, such as the Local Distribution Channel between the customer's premises and the Serving Wire Center, may result in all channels being lost since non-diverse routes may share the same physical cable path.

This service does not include a second (diverse) entrance facility to the customer's premises. If the customer wants the LDC to enter their premises via a second entrance facility, they must provide such a facility to their building. (The customer may contact the Company and order the second entrance facility utilizing a Special Construction payment option.)



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#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

- 21.1.7 Service Configurations (Continued)
  - 21.1.7.2 Optional (Continued)
    - C. Total Channel Route Diversity

This option routes the customer's service across two physically diverse paths between the customer's designated premises. Local Distribution Channels are routed to both the Serving Wire Center (SWC) of the premises and to an Alternate Wire Center (selected by the Company). Interoffice Channels are utilized to connect the wire center terminated LDC's. A different interoffice Channel path is utilized to connect the two Alternate Wire Centers that were selected as termination points for the diversely routed LDC's.

This option will assure 99.995 percent availability of the service. Any service interruption will result in a credit allowance as described in Paragraph 21.1.5 preceding.

(See diagram on following page for association with verbiage below.)

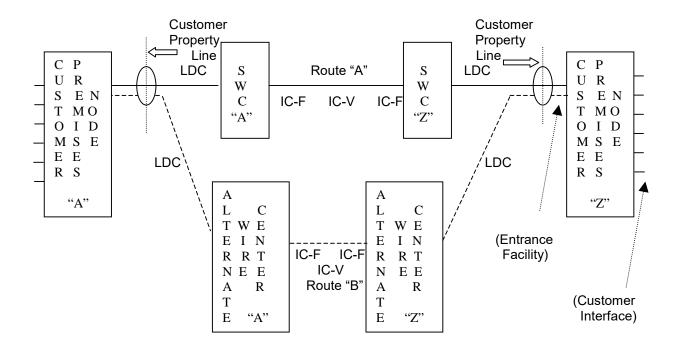
- 1) If the customer chooses to use this option in the unprotected channel configuration, both route "A" and route "B" transport up to 32 active, unprotected channels between the customer designated premises. In the event of a route failure, the customer loses the channels utilizing the failed route.
- 2) If the customer chooses to use this option in the protected channel configuration, all active protected channels are carried over route "A" between the customer's designated premises. All stand-by protected channels are carried over route "B" (alternate route). In the event of a failure on route "A", all active protected channel transmissions will be restored to route "B" stand-by protected channels within an engineered objective of less than 50 milliseconds (not to exceed 2 seconds).
- 3) If the customer chooses to use this option in the mixed configuration, up to 32 channels are available on each route to carry unprotected or protected (active/standby) channels. (An active protected channel on one route requires a stand-by protected channel on the other route). In the event of a route failure, the active protected channel transmissions will be restored to the other route stand-by protected channels within an engineered objective of less than 50 milliseconds (not to exceed 2 seconds). Unprotected channels on the failed route will be lost.



#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.1 DESCRIPTION AND APPLICATION OF SERVICES – (Continued)

- 21.1.7 Service Configurations (Continued)
  - 21.1.7.2 Optional (Continued)
    - C. Total Channel Route Diversity (Continued)



Note: This service does not include a second (diverse) entrance facility to the customer's premises. If the customer wants the diversely routed LDC to enter their premises via a second entrance facility, they must provide such a facility to their building. (The customer may contact the Company and order the second entrance facility utilizing a Special Construction payment option.)



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## SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

# 21.1 DESCRIPTION AND APPLICATION OF SERVICES (Continued)

## 21.1.8 Technical Specifications

The customer interfaces to SBC Multi-service Optical Network Service are as specified in:

<u>Technical Reference</u>
AM TR-NIS-000100
AM TR-NIS-000104
AM-TR-NIS-000111
AM-TR-TMO-000101
AM-TR-TMO-000080
AM-TR-MIS-000077
ANSI/IEEE 802.3
AM-TR-NIS-000096 AM-TR-NIS-000107
IBM SA22-7202-XX IBM SA23-0394-XX
ANSI X3.T9.3
ANSI/IEEE 802.3
IEEE 802.3x and z
ANSI/SMPTE 259M

The Telcordia Technologies Research Publication(s) can be obtained from:

Telcordia Technologies 8 Corporate Place Piscataway, New Jersey 08854

The Technical Reference can be obtained from:

APEx Help Desk (847) 248-5324



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#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

#### 21.2 RATE CONFIGURATION

#### 21.2.1 General

There are eight basic rate elements which may apply to SBC Multi-service Optical Network (MON) Service:

- Nonrecurring Charges
- Local Distribution Channel
- Interoffice Channel
- Customer Premises Node
- Central Office Optical Amplifier
- Central Office Regenerator
- Ports
- Optional Service Features

## 21.2.2 Nonrecurring Charges

#### 21.2.2.1General

Nonrecurring Charges are one-time charges that apply for specific work activities (i.e., installation of new service, moves and rearrangements of installed services.) There are three different Nonrecurring Charges; Administrative Charge, Design and Central Office Connection Charge and the Customer Connection Charge. The Administrative Charge applies any time a customer initiates an order for service. This charge applies once per customer order. The Design and Central Office Connection Charge applies to each service installed, and is charged once per circuit. The Customer Connection Charge applies to each service installed, and is charged once per Customer Premises Node.

## 21.2.2.2 Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in 21.1.4 preceding or a change in the physical location of the point of termination at a customer premises. Changes in physical location of the point of termination are treated as moves and the following nonrecurring charges apply; Administrative, Design and Central Office and Customer Connection.

Service rearrangements will be charged as follows:

If a change involves a change of a customer of record, the Administrative Charge will apply. For the change of customer of record to be treated as a service rearrangement, the new customer must assume liability for both current and prior charges for the service.



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#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

- 21.2 RATE CONFIGURATION (Continued)
  - 21.2.2 Nonrecurring Charges (Continued)
    - 21.2.2.2 Service Rearrangements (Continued)

For all other changes not requiring physical work at the central office, or customer premises, including a change in the customer assigned circuit identification or billing account number (when initiated by the customer), the Administrative Charge may apply.

For all other service rearrangements requiring physical work to be performed, the Administrative Charge may apply. Additionally, one Design and Central Office Connection Charge and one Customer Connection Charge per Customer Premises Node may apply.

- 21.2.2.3 Cancellation of Application for Service
  - (A) When an applicant cancels an order for service, other than those provided by Special Construction:

Prior to the issuance of an order, no charges apply.

After the issuance of an order, Nonrecurring Charges may apply as follows:

- Canceled before the Record Issue Date (RID), the Administrative Charge applies.
- Canceled on or after the RID, but before the Plant Test Date (PTD), the Administrative Charge and the Design and Central Office Connection Charge apply.
- Canceled on or after the PTD, the Administrative Charge, Design and Central Office Connection Charge and Customer Connection Charge apply.
- (B) When an applicant cancels an order for service involving Special Construction;

Prior to the issuance of an order, no charges apply.

After the issuance of an order, but prior to the start of construction, all Nonrecurring Charges associated with the design of the Special Construction and the Administrative Charge may apply.



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#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.2 RATE CONFIGURATION (Continued)

## 21.2.2 Nonrecurring Charges (Continued)

## 21.2.2.3 Cancellation of Application for Service (Continued)

## (B) (Continued)

After construction has begun;

- If there is another requirement for the specially constructed facilities, the Administrative Charge, Design and Central Office Connection Charge, and the Customer Connection Charge may apply.
- If there is no other use for the specially constructed facilities, a charge equal to all the costs incurred in the special construction (including overheads), less net salvage, may apply in addition to the Administrative Charge, Design and Central Office Connection Charge, and the Customer Connection Charge.

Note: Installation or Special Construction of facilities for a customer start when the Company incurs any expense in connection therewith which would not otherwise have been incurred and the customer has advised the Company to proceed with the installation or Special Construction.

## 21.2.3 Local Distribution Channel

The Local Distribution Channel (LDC) provides for a two-point transmission path between a customer's designated premises and the SWBT Serving Wire Center for that premises. Rates and charges apply per (LDC) termination at a customer's designated premises.

#### 21.2.4 Interoffice Channel

Interoffice channel is defined as the component of the service between two SWBT Serving Wire Centers. The Serving Wire Centers may be located in the same exchange area, or in a multi-office metropolitan exchange, or may be located in different exchange areas.

Interoffice channel charges include; a fixed interoffice channel charge and a per interoffice mileage charge which is based on the vertical and horizontal (V-H) distance between Serving Wire Centers or between exchanges, measured in whole miles. Fractional miles are rounded to the next whole mile. V-H coordinates for serving wire centers and designated digital hubs can be found in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff.



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#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.2 RATE CONFIGURATION (Continued)

#### 21.2.5 Customer Premises Node

The Customer Premises Node provides for the termination of service, on a per shelf basis, at the customer's premises and presents the various selected ports to the customer.

#### 21.2.6 Central Office Optical Amplifier

The Central Office Optical Amplifier, as required per location, provides for an optical signal boost if the distance between nodes exceeds the transmission loss parameters (link loss specific). Additional optical amplifiers may be required per location with certain circuit configurations.

#### 21.2.7 Central Office Regenerator

The Central Office Regenerator, if required, provides for re-timing, re-shaping and regeneration of the signal if degradation exceeds the dispersion limits.

#### 21.2.8 Port

Provides the channel interface at the customer's premises for each unprotected or protected channel.

#### 21.2.9 Optional Features

## 21.2.9.1 Local Distribution Channel (LDC) Route Diversity

This option, ordered on a per-end basis, routes the customer's service across two physically diverse LDC routes to their Serving Wire Center (SWC).

## 21.2.9.2 Interoffice Channel Route Diversity

This option routes the customer's service across two physically diverse paths between the Serving Wire Centers of the customer's designated premises.

## 21.2.9.3 Total Route Diversity

This option routes the customer's service across two physically diverse paths between the customer's designated premises. LDC's are routed to both the Serving Wire Center (SWC) of the premises and to an Alternate Wire Center (selected by the Company). Interoffice facilities are utilized to connect the wire center terminated LDC's. A different interoffice facility path is utilized to connect the two Alternate Wire Centers that were selected as termination points for the diversely routed LDC's.



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# SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

# 21.3 Rates and Charges

# 21.3.1 Nonrecurring Charges

	<u>USOC</u>	Nonrecurring Charge
Administrative Charge - per service order	ORCMX	ICB
Design and Central Office Connection Charge - per circuit	NRBCL	ICB
Customer Connection Charge (Service Establishment) - per Customer Premises Node	NRBBL	ICB
Customer Connection Charge (Subsequent Installation) - per Customer Premises Node	NHCNL	ICB



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# SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

# 21.3 Rates and Charges (Continued)

# 21.3.2 Recurring Rates

Monthly Rates

MON Transport System	<u>USOC</u>	3 Year	5 Year	Monthly Extension
Local Distribution Channel (4 required, two per route) - per LDC terminated on a customer premises	1RSFW	ICB	ICB	ICB
Interoffice Channel				
- Fixed (four required, two per route)	CM6	ICB	ICB	ICB
- Variable per V-H mile or fraction thereof, per route, (two routes required)	1L5XX	ICB	ICB	ICB
Customer Premises Node (includes first shelf)	F2ND1	ICB	ICB	ICB
Customer Premises Node - per subsequent shelf	F2NDS	ICB	ICB	ICB
Central Office Optical Amplifier - initial (as required, per location)	67QXX	ICB	ICB	ICB
Central Office Optical Amplifier - subsequent (as required, per location)	67QSX	ICB	ICB	ICB
Central Office Regenerator - per regenerator (as required)	V8RXX	ICB	ICB	ICB

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# SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

# 21.3 Rates and Charges (Continued)

# 21.3.2 Recurring Rates (Continued)

# Monthly Rates

MON Channels	<u>USOC</u>	3 Year	5 Year	Monthly Extension
Ports - per port				
ETR <sup>TM</sup> - unprotected channel - protected channel	POYKW	ICB	ICB	ICB
	POYKP	ICB	ICB	ICB
FICON <sup>TM</sup> - unprotected channel - protected channel	POYMW	ICB	ICB	ICB
	POYMP	ICB	ICB	ICB
ISC <sup>TM</sup> - unprotected channel - protected channel	POYJW	ICB	ICB	ICB
	POYJP	ICB	ICB	ICB
Fibre Channel - unprotected channel - protected channel	POYNW	ICB	ICB	ICB
	POYNP	ICB	ICB	ICB
Gigabit Ethernet - unprotected channel - protected channel	POYLW	ICB	ICB	ICB
	POYLP	ICB	ICB	ICB
SONET OC-12/OC-12c - unprotected channel - protected channel	POYFW	ICB	ICB	ICB
	POYFP	ICB	ICB	ICB

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# SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

# 21.3 Rates and Charges (Continued)

# 21.3.2 Recurring Rates (Continued)

2 Recurring Rates (Continued)		Monthl	y Rates	M (1.1
MON Channels (continued)	<u>USOC</u>	3 Year	5 Year	Monthly Extension
Ports (Continued) - per port				
SONET OC-48 - unprotected channel - protected channel	POYGW	ICB	ICB	ICB
	POYGP	ICB	ICB	ICB
SONET Flexible Speed - unprotected channel - protected channel	POYBW	ICB	ICB	ICB
	POYBP	ICB	ICB	ICB
Sub Rate System - unprotected channel - protected channel	POYSW	ICB	ICB	ICB
	POYSP	ICB	ICB	ICB
ESCON <sup>TM</sup> - unprotected channel - protected channel	POYHW	ICB	ICB	ICB
	POYHP	ICB	ICB	ICB
Fast Ethernet - unprotected channel - protected channel	POYCW	ICB	ICB	ICB
	POYCP	ICB	ICB	ICB
FDDI - unprotected channel - protected channel	POYDW	ICB	ICB	ICB
	POYDP	ICB	ICB	ICB
D1 Video - unprotected channel - protected channel	POYVW	ICB	ICB	ICB
	POYVP	ICB	ICB	ICB
SONET OC-3/OC-3c - unprotected channel - protected channel	POYEW	ICB	ICB	ICB
	POYEP	ICB	ICB	ICB

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#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

21.3 Rates and Charges (Continued)

21.3.3 Optional Features(1)

Monthly USOC Price

Local Distribution Channel Route Diversity (applied in addition to Local Distribution

Channel Charge above)

- per quarter route mile CPARD ICB

Interoffice Facility Route Diversity

- apply Interoffice Channel components below:

Fixed, and Apply CM6 above, and

Variable apply 1L5XX above per

interoffice route segment

**Total Route Diversity** 

- apply Local Distribution Channel Route Diversity above (two required), and Apply two Local
Distribution Channel
Route Diversity
charges CPARD above,

and

- apply Interoffice Channel components below:

Fixed, and apply CM6 above, and

Variable apply 1L5XX above per

interoffice route segment

(1) When ordering either the Local Distribution Channel (LDC) Route Diversity option or the Total Route Diversity option, the protect/alternate LDC fiber route will be charged on a distance sensitive basis, based on route quarter mile increments from the customer premises to the Serving Wire Center or Alternate Wire Center, depending on the diversity option chosen.

For the Inter-office Facility Route Diversity option and the Total Route Diversity option, the diverse route Interoffice Channel variable component will be charged, by the mile, on a segment by segment basis, which include all the wire centers that the diverse Interoffice Channel route passes through, using the V&H coordinates method as set forth in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff, FCC 4.

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#### SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

#### 21.4 Term Pricing Plan

The Term Pricing Plan provides the customer with rate stabilization and discounted rates. The Term Pricing Plan provides for three or five year rate stabilization. Decreases in monthly recurring rates will be passed on to customers who participate in a Term Pricing Plan(TPP). SWBT will notify customers participating in a Term Pricing Plan when monthly rates are decreased.

Should SWBT increase its rates during the Term Pricing Plan period, the customer will continue to pay the rates in effect at the time the customer elected to establish service under the Term Pricing Plan.

The customer must provide SWBT with a written notice of intent to renew a Term Pricing Plan no later than 90 days prior to its expiration. If a customer chooses to renew a Term Pricing Plan, the monthly rates for the new TPP selected will be at the current rates in effect for new customers. If the customer elects not to renew the Term Pricing Plan, or does not notify SWBT of the customer's intent to renew the Term Pricing Plan, the service will automatically be billed under the monthly extension rate in effect at the time the Term Pricing Plan expires.

Any special construction charges incurred for services billed under a Term Pricing Plan will be applicable as provided for in Section 1.4.4 of this tariff.

During a customer's TPP term, conversion may be made to a new TPP term of the same or different length or to a higher speed service, if the expiration date for the new service or TPP term is beyond the end of the original TPP term. The new TPP term becomes effective upon execution. No credit for months under the previous TPP may be transferred to the new TPP. The customer incurs no liability for the remaining months on the original TPP, since the change is not considered a termination of service. The prices applicable for the new term are those currently in effect for new customers.

After the expiration of 25 months of a 3 year TPP term or 42 months of a 5 year TPP term, any MON Transport System or MON Channel components added to the existing service configuration provided under that TPP will be billed at the monthly extension rates.

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## SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

## 21.4 Term Pricing Plan (Continued)

During a TPP term a customer may move one Local Distribution Channel (LDC) of SBC Multi-service Optical Network (MON) Service to another location in the same LATA and keep the TPP in force, provided no lapse in service occurs. The customer must have met a 12-month minimum in-service period at the old location and be liable for at least 12 months remaining at the new location. Nonrecurring Charges, as appropriate, will apply.

If a customer cancels a Service Order or terminates service before the completion of the term, the customer agrees to pay the Company termination liability charges, which are defined below. These charges shall become due and owing as of the effective date of the cancellation or termination and be payable within the period set forth in the General Exchange Tariff, Section 17.6.

In addition to any special construction liabilities, customer termination liability for cancellation of a SBC Multi-service Optical Network (MON) Service to shall be equal to:

- (CT) Any unpaid Special Construction or nonrecurring charges (excluding any waived charges), plus;
- (CT) Fifty (50) percent of all recurring charges for the remaining months of the customer's term.

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Missouri Public Service Commission

SBC MULTI-SERVICE OPTICAL NETWORK (MON) SERVICE

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21.4 Term Pricing Plan (Continued)

During a TPP term a customer may move one Local Distribution Channel (LDC) of SBC Multiservice Optical Network (MON) Service to another location in the same LATA and keep the TPP in force, provided no lapse in service occurs. The customer must have met a 12 month minimum in-service period at the old location and be liable for at least 12 months remaining at the new location. Nonrecurring Charges, as appropriate, will apply.

If a customer cancels a Service Order or terminates service before the completion of the term, the customer agrees to pay the Company termination liability charges, which are defined below. These charges shall become due and owing as of the effective date of the cancellation or termination and be payable within the period set forth in the General Exchange Tariff, Section 17.6.

In addition to any special construction liabilities, customer termination liability for cancellation of a SBC Multi-service Optical Network (MON) Service to shall be equal to:

- All waived and/or unpaid nonrecurring charges, plus;
- Fifty (50) percent of all recurring charges for the balance of the customer's term.

CANCELLED

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NOV 2 Commission

By ISTRIC COmmission

Issued: August 31, 2001

Missouri Public Service Commission Effective: October 1, 2001 FILED OCT 0 1 2001

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# SBC OC-N POINT-TO-POINT SERVICE

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#### SBC OC-N POINT-TO-POINT SERVICE

#### 22.1 DESCRIPTION AND APPLICATION OF SERVICES

#### 22.1.1 General

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(AT)

(AT)

(AT)

(AT)

(AT) SBC OC-n Point-to-Point Service (SBC OC-n) provides high-speed synchronous optical fiber-based full duplex data transmission capabilities. SBC OC-n channels may be either channelized (non-concatenated) or non-channelized (concatenated) designated as OC-nc. This service provides optical data transmission with the following characteristics:

- SBC OC-3/OC-3c Service provides channels operating at the terminating bit rate of 155.52 Mbps
- SBC OC-12/OC-12c Service provides channels operating at the terminating bit rate of 622.08 Mbps
- SBC OC-48/OC-48c Service provides channels operating at the terminating bit rate of 2488.32 Mbps
- SBC OC-192/OC-192c Service provides channels operating at the terminating bit rate of 9953.28 Mbps

SBC OC-n channels may be used to connect:

- A customer-designated premises to another customer-designated premises.
- A customer-designated premise to a Company location where Add/Drop Multiplexing, Add/Drop Functions and/or cross-connections are performed.

SBC OC-n Service channels may be connected by:

- Using the appropriate OC-n Add/Drop Multiplexer (mux) along with the add/drop function to a Megalink 1.5 High Capacity Service and/or Southwestern Bell DS3 Service at suitably equipped wire centers, i.e. non-concatenated; or
- Using the full bandwidth premises to premises, i.e. concatenated.

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By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri February 10, 2004



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Missouri Public

SBC OC-N POINT-TO-POINT SERVICE

#### 22.1 DESCRIPTION AND APPLICATION OF SERVICES

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#### 22.1.1 General

Service Commission

SBC OC-n Point-to-Point Service provides high-speed synchronous optical fiber-based full duplex data transmission capabilities. This service provides optical data transmission with the following characteristics:

- SBC OC-3 Service provides channels operating at the terminating bit rate of 155.52 Mbps
- SBC OC-12 Service provides channels operating at the terminating bit rate of 622.08 Mbps
- SBC OC-48 Service provides channels operating at the terminating bit rate of 2488.32 Mbps
- SBC OC-192 Service provides channels operating at the terminating bit rate of 9953.28 Mbps

SBC OC-n channels may be used to connect:

- A customer-designated premises to another customer-designated premises.
- A customer-designated premise to a Company location where Add/Drop Multiplexing, Add/Drop Functions and/or cross-connections are performed.

SBC OC-n Service channels may be connected by:

- Using the appropriate OC-n Add/Drop Multiplexer (mux) along with the add/drop function to a Megalink 1.5 High Capacity Service and/or Southwester Bell DS3 Service at suitably equipped wire centers, or
- Using the full bandwidth premises to premises.

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St. Louis, Missouri

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#### SBC OC-N POINT-TO-POINT SERVICE

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22.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

# 22.1.2 Definitions

Service Commission

Interoffice Transport - Provides the transmission paths between Serving Wire Centers associated with two customer-designated premises or between a Serving Wire Center associated with a customer premises and a Company Hub location. Four interoffice transport types are available: OC-3 which supports a bit rate of 155.52, OC-12 transport at the 622.08 bit rate, OC-48 transport at a bit rate of 2488.32 and OC-192 at a bit rate of 9953.28.

Local Distribution Channel- Provides optical interconnection between a Company Serving Wire Center (SWC) and the customer premises.

OC-n Add/Drop Multiplexing - An arrangement that allows a SBC OC-n channel operating at a terminating speed of 155.52 Mbps, 622.08 Mbps, 2488.32 Mbps and 9953.28 Mbps respectively, to add/drop a lower speed channel by using this feature along with the Add/Drop Function.

SONET (Synchronous Optical Network) - Set of international standards for fiber optic based transmission systems. SONET defines standard optical carrier transmission rates and utilizes a modular multiplexing approach based on the application of Synchronous Transport Signals (STS).

# 22.1.3 Regulations

The regulations, rates and charges specified herein are in addition to other regulations, rates and charges as specified in this and other SWBT tariffs.

The services provided for SBC OC-n Point-to-Point Service are primarily designed to meet the private line communications requirements of business customers, and the regulations herein reflect the reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services. This assistance includes, but is not limited to, advice as to which private line service best meets the customer's requirements, taking into consideration the customer's present and future communications needs.

In addition, SWBT will continue to assist and advise the customers and cooperatively respond to the requirements of the customer until such time as the private line service is discontinued. The aforementioned level of assistance is considered to be part of the private line service offering.

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St. Louis, Missouri

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#### SBC OC-N POINT-TO-POINT SERVICE

## 22.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 22.1.4 Provision of Service

- A. SBC OC-n Point-to-Point Service is available only on a point-to-point intraLATA basis to customers served by and within the service territories of SWBT only.
- B. SBC OC-n Point-to-Point Service is furnished on a full-time basis (24 hours a day, seven days per week.)
- C. SBC OC-n Point-to-Point Service can only be provided within the same LATA where existing facilities and equipment permit. Services between serving wire centers must have appropriate service components between all intermediate offices to have the ability to provide the service. Additional service features may be available only at selected central offices as determined by SWBT.
- D. Customer requests for SBC OC-n Point-to-Point Service may require construction of suitable service components. The regulations, rates and charges applicable to special construction are found in Section 1.4.4 of this Tariff. Service availability will be negotiated locally.
- E. The customer is responsible via the ordering process to identify what STS signal configuration is to be contained in each SBC OC-n service connection and each STS-1 and STS-3 payload content. This information is needed for routing and connection purposes in the network.
- F. When SBC OC-n Point-to-Point Service is provided, the customer is responsible for providing the Optical Line Termination (OLT) at the customer's premises. The OLT supplied at the customer premises must be compatible with the OLT used by the Company in the Serving Wire Center.
- G. All LDCs comprising a channel must have the same terminating bit rate unless multiplexing is performed at a Company Hub location.
- H. The options in Add/Drop Multiplexing and Add/Drop Function cannot be used with SBC OC-n Point-to-Point Service configured by the customer to contain a single nonchannelized (concatenated) STS-3C or STS-12C signal, respectively.

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#### SBC OC-N POINT-TO-POINT SERVICE

#### 22.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 22.1.4 Provision of Service (cont'd)

- I. When ordering the 1+1 Protection with Route Survivability option:
  - The protect fiber will be charged on a distance sensitive basis, based on quarter route miles, from the customer premises to the serving wire center
  - Prior to confirming an order for service, the Company will provide a proposed route diagram to the customer. The diagram will include the number of quarter route miles and method used to support the number needed to provide the alternate route or route to the alternate wire center. In order to avoid compromising Route Survivability information, the Company will provide this information only to the ordering customer.
  - Installation of the 1+1 Protection with Route Survivability option will not begin until the customer has accepted the proposed routing by the Company.

#### 22.1.5 Allowance for Interruptions

A credit allowance will be given for interruptions of service. Refer to Section 1.4.8 of this tariff for calculating credit allowances.

# 22.1.6 Assignment or Transfer of Service

The service of a customer, or any rights associated therewith, may be assigned or transferred, with the customer's consent, only under the following conditions:

- A. There is no interruption or relocation of the service.
- B. The assignee or transferee assumes all outstanding indebtedness for the service and the unexpired portion of the service period originally contracted for.
- C. All regulations and conditions contained in this tariff shall apply to the assignee or transferee.

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#### SBC OC-N POINT-TO-POINT SERVICE

#### 22.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 22.1.7 Service Configuration

SBC OC-n Point-to-Point Service, based on customer requirements, can be configured in any of the following ways:

#### A. OC-3

- 1. Three STS-1 (Synchronous Transport Signals) channels which each contain:
  - One DS3 that is STS-1 mapped
  - Up to 28 DS1s that are VT-mapped
  - An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an Add/Drop Function to DS1 or DS3 services within the SWBT network
- 2. A single concatenated STS-3C channel

#### B. OC-12

- 1. Twelve STS-1 channels which each contain:
  - One DS3 that is STS-1 mapped
  - Up to 28 DS1s that are VT-mapped
  - An STS 1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an Add/Drop Function to DS1 or DS3 services within the SWBT network
- 2. Four concatenated STS-3C channels
- 3. From one to three STS-3C channels mixed with from three to nine STS-1 channels subject to utilization of the total OC-12 capacity
- 4. A single concatenated STS-12C channel

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#### SBC OC-N POINT-TO-POINT SERVICE

#### 22.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 22.1.7 Service Configurations (cont'd)

#### C. OC-48

- 1. Forty-eight STS-1 channels which each contain:
  - One DS3 that is STS-1 mapped;
  - Up to 28 DS1s that are VT-mapped;
  - An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an Add/Drop Function to DS1 or DS3 services within the SWBT network;
- 2. Sixteen concatenated STS-3C channels:
  - From one to fifteen concatenated STS-3C channels mixed with from three to forty-five STS-1 channels subject to utilization of the total OC-48 capacity;
- 3. Four concatenated STS-12C channels:
  - From one to three concatenated STS-12C channels mixed with from twelve to thirty-six STS-1 channels subject to utilization of the total OC-48 capacity;
  - From one to three concatenated STS-12C channels mixed with from four to twelve concatenated STS-3C channels, also mixed with from three to thirty-three STS-1 channels subject to utilization of the total OC-48 capacity.
  - From one to three concatenated STS-12C channels mixed with from one to eleven concatenated STS-3C channels, also mixed with from three to thirty-three STS-1 channels subject to utilization of the total OC-48 capacity.

# D. OC-192

- 1. One hundred ninety two interleaved STS-1 channels which each contain:
  - One DS3 that is STS-1 mapped;
  - Up to 28 DS1s that are VT-mapped;
  - An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an Add/Drop Function to DS1 or DS3 services within the SWBT network;

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#### SBC OC-N POINT-TO-POINT SERVICE

## 22.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

- 22.1.7 Service Configurations (cont'd)
  - D. OC-192 (cont'd)
    - 2. Sixty four interleaved concatenated STS-3C channels:
      - From one to sixty three interleaved concatenated STS-3C channels mixed with from three to one hundred and eighty nine STS-1 channels, subject to utilization of the total STS-192 capacity;
    - 3. Sixteen interleaved concatenated STS-12C channels:
      - From one to fifteen interleaved concatenated STS-12C channels mixed with from twelve to one hundred and eighty STS-1 channels subject to utilization of the total STS-192 capacity;
      - From one to fifteen interleaved concatenated STS-12C channels mixed with from four to sixty concatenated STS-3C channels subject to utilization of the total STS-192 capacity;
      - From one to fifteen interleaved concatenated STS-12C channels mixed with from one to fifty nine concatenated STS-3C channels, also mixed with from three to one hundred and seventy seven STS-1 channels subject to utilization of the total STS-192 capacity.
- (CT) 4. Four interleaved concatenated STS-48C channels:
  - From one to three interleaved concatenated STS-48C channels mixed with from forty eight to one hundred and forty four STS-1 channels subject to utilization of the total STS-192 capacity;
  - From one to three interleaved concatenated STS-48C channels mixed with from sixteen to forty eight STS-3c channels subject to utilization of the total STS-192 capacity;
  - From one to three interleaved concatenated STS-48C channels mixed with from four to twelve STS-12c channels subject to utilization of the total STS-192 capacity;
  - From one to three interleaved concatenated STS-48C channels mixed with from one to forty seven concatenated STS-3C channels, also mixed with from three to one hundred and forty one STS-1 channels subject to utilization of the total STS-192 capacity.

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SBC OC-N POINT-TO-POINT SERVICE

December 23, 2005

## 22.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

# MISSOURI PUBLIC SERVICE COMMISSION

- 22.1.7 Service Configurations (cont'd)
  - D. OC-192 (cont'd)
    - 2. Sixty four interleaved concatenated STS-3C channels:
      - From one to sixty three interleaved concatenated STS-3C channels mixed with from three to one hundred and eighty nine STS-1 channels, subject to utilization of the total STS-192 capacity;
    - 3. Sixteen interleaved concatenated STS-12C channels:
      - From one to fifteen interleaved concatenated STS-12C channels mixed with from twelve to one hundred and eighty STS-1 channels subject to utilization of the total STS-192 capacity;
      - From one to fifteen interleaved concatenated STS-12C channels mixed with from four to sixty concatenated STS-3C channels subject to utilization of the total STS-192 capacity;
      - From one to fifteen interleaved concatenated STS-12C channels mixed with from one to fifty nine concatenated STS-3C channels, also mixed with from three to one hundred and seventy seven STS-1 channels subject to utilization of the total STS-192 capacity.
    - 4. Four interleaved concatenated STS-12C channels:
      - From one to three interleaved concatenated STS-48C channels mixed with from forty eight to one hundred and forty four STS-1 channels subject to utilization of the total STS-192 capacity;
      - From one to three interleaved concatenated STS-48C channels mixed with from sixteen to forty eight STS-3c channels subject to utilization of the total STS-192 capacity;
      - From one to three interleaved concatenated STS-48C channels mixed with from four to twelve STS-12c channels subject to utilization of the total STS-192 capacity;
      - From one to three interleaved concatenated STS-48C channels mixed with from one to forty seven concatenated STS-3C channels, also mixed with from three to one hundred and forty one STS-1 channels subject to utilization of the total STS-192 capacity.

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#### SBC OC-N POINT-TO-POINT SERVICE

## 22.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

- 22.1.7 Service Configurations (cont'd)
  - D. OC-192 (cont'd)
- (CT) 4. Four interleaved concatenated STS-48C channels: (cont'd)
  - From one to three interleaved concatenated STS-48C channels mixed with from one to eleven concatenated STS-12C channels, also mixed with from twelve to one hundred and thirty two STS-1 channels subject to utilization of the total STS-192 capacity.
  - From one to three interleaved concatenated STS-48C channels mixed with from one to eleven concatenated STS-12C channels, also mixed with from four to forty four concatenated STS-3c channels subject to utilization of the total STS-192 capacity.
  - From one to three interleaved concatenated STS-48C channels mixed with from one to eleven concatenated STS-12C channels, also mixed with from three to one hundred and twenty nine STS-1 channels subject to utilization of the total STS-192 capacity.

The customer is responsible via the ordering process to identify what STS signal configuration is to be contained in each OC-n Point-to-Point service connection and each STS-1, STS-3 and/or STS-12 payload content. This information is needed for routing and connection purposes in the network.

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SBC OC-N POINT-TO-POINT SERVICE

December 23, 2005

## 22.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

# MISSOURI PUBLIC SERVICE COMMISSION

- 22.1.7 Service Configurations (cont'd)
  - D. OC-192 (cont'd)
    - 4. Four interleaved concatenated STS-12C channels: (cont'd)
      - From one to three interleaved concatenated STS-48C channels mixed with from one to eleven concatenated STS-12C channels, also mixed with from twelve to one hundred and thirty two STS-1 channels subject to utilization of the total STS-192 capacity.
      - From one to three interleaved concatenated STS-48C channels mixed with from one to eleven concatenated STS-12C channels, also mixed with from four to forty four concatenated STS-3c channels subject to utilization of the total STS-192 capacity.
      - From one to three interleaved concatenated STS-48C channels mixed with from one to eleven concatenated STS-12C channels, also mixed with from three to one hundred and twenty nine STS-1 channels subject to utilization of the total STS-192 capacity.

The customer is responsible via the ordering process to identify what STS signal configuration is to be contained in each OC-n Point-to-Point service connection and each STS-1, STS-3 and/or STS-12 payload content. This information is needed for routing and connection purposes in the network.

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Replacing Original Sheet 9

#### SBC OC-N POINT-TO-POINT SERVICE

# 22.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 22.1.8 Technical Specifications

Subject

The technical specifications for SBC OC-n Point-to-Point Service are described in Technical Reference AM-TR-NIS-000111. The Company will work cooperatively with the customer to select compatible Optical Line Terminations (OLTs) which conform to the requirements set forth in Technical Reference Publication AM-TR-TMO-000101.

The network channel interfaces define the bit rates that are available for SBC OC-n Point-to-Point Services operating at speeds of 155.52 Mbps and 622.08 Mbps, 2488.32 Mbps and 9953.28 Mbps respectively. Network Channel interfaces and codes are described in Ameritech Technical Publication AM-TR-TMO-000080.

**Technical Reference** 

AM-TR-TMO-000080

	Ameritech Digital Service Transmission Parameters	AM-TR-TMO-000101
(AT) (AT)	Ameritech OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC-192/OC-192c Service Interface Specifications	AM-TR-NIS-000111
	The Technical Reference can be obtained fi	rom:
(CT) (CT) (RT) (RT)	SBC Help Desk and Document Center (517) 788-6872	

Ameritech Service's Network Channel and Network Channel Interface Codes

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February 10, 2004

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Missouri Public

SBC OC-N POINT-TO-POINT SERVICE

22.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

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22.1.8 Technical Specifications

Service Commission

The technical specifications for SBC OC-n Point-to-Point Service are described in Technical Reference AM-TR-NIS-000111. The Company will work cooperatively with the customer to select compatible Optical Line Terminations (OLTs) which conform to the requirements set forth in Technical Reference Publication AM-TR-TMO-000101.

The network channel interfaces define the bit rates that are available for SBC OC-n Point-to-Point Services operating at speeds of 155.52 Mbps and 622.08 Mbps, 2488.32 Mbps and 9953.28 Mbps respectively. Network Channel interfaces and codes are described in Ameritech Technical Publication AM-TR-TMO-000080.

Subject

Technical Reference

Ameritech Service's Network Channel and Network Channel Interface Codes

AM-TR-TMO-000080

Ameritech Digital Service Transmission

**Parameters** 

AM-TR-TMO-000101

Ameritech OC-3, OC-12, OC-48 and OC-192 Service Interface Specifications

AM-TR-NIS-000111

The Technical Reference can be obtained from:

Manager - TIRM Office Ameritech Services, Inc. 2000 W. Ameritech Center Drive, Locn 3A09F Hoffman Estates, IL 60196

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Public Service Commission
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St. Louis, Missouri

Missouri Public Service Commissien

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#### SBC OC-N POINT-TO-POINT SERVICE

#### 22.2 RATE CONFIGURATION

#### 22.2.1 General

There are four basic rate elements which may apply to SBC OC-n Point-to-Point Service:

- Nonrecurring Charges
- Local Distribution Channel (LDC)
- Interoffice Transport (which consists of a combination of Channel Mileage and Channel Mileage Terminations)
- Optional Features and Functions.

# 22.2.2 Nonrecurring Charges

#### 22.2.2.1 General

Nonrecurring Charges are one-time charges that apply for specific work activities (i.e., installation of new service, moves and rearrangements of installed services.) There are three different Nonrecurring Charges; Administrative Charge, Design and Central Office Connection Charge and the Customer Connection Charge. The Administrative Charge applies any time a customer initiates an order for service. This charge applies once per customer order. The Design and Central Office Connection Charge applies to each service installed, and is charged once per circuit. The Customer Connection Charge applies to each service installed, and is charged once per customer termination.

#### 22.2.2.2 Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements or a change in the physical location of the point of termination at a customer premises. Changes in physical location of the point of termination are treated as moves and the following nonrecurring charges apply; Administrative, Design and Central Office and Customer Connection.

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No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
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#### SBC OC-N POINT-TO-POINT SERVICE

- 22.2 RATE CONFIGURATION (cont'd)
  - 22.2.2 Nonrecurring Charges (cont'd)
    - 21.2.2.2 Service Rearrangements (cont'd)

Service rearrangements will be charged as follows:

If a change involves the rearrangement of a SBC OC-n Point-to-Point Service (nonchannelized) to an arrangement with an Add/Drop Multiplexer and an Add/Drop Function or vice-versa, an Administrative Charge, Design and Central Office Connection Charge and Customer Connection Charge will apply.

A change in payload mapping within an OC-n package will require a redesign of the SBC OC-n Point-to-Point Service, and an Administrative Charge and Design and Central Office Connection Charge will apply.

- 22.2.3 Local Distribution Channels (LDCs) provide optical interconnection between a Company Serving Wire Center (SWC) and the customer premises. LDCs are in available at terminating bit rates of 155.52 Mbps, 622.08 Mbps, 2488.32 Mbps and 9953.28 Mbps. LDCs are provided in 4 fiber loop format in a synchronous data transmission format. Rates and charges apply per LDC termination at a customer's premises.
- 22.2.4 Interoffice Transport facilities, comprised of Channel Mileage Termination (CMT) and Channel Mileage (CM), provide the transmission paths between Serving Wire Centers associated with two customer-designated premises or between a Serving Wire Center associated with a customer premises and a Company Hub location. Four interoffice transport types are available: OC-3 transport at a bit rate of 155.52 Mbps, OC-12 transport at a bit rate of 622.08 Mbps, OC-48 transport at a bit rate of 2488.32 Mbps and OC-192 at a bit rate of 9953.28 Mbps.

SBC OC-3/OC-3c LDCs are interconnected to OC-3 transport, SBC OC-12/OC-12c LDCs are interconnected to OC-12 transport, SBC OC-48/OC-48c LDCs are interconnected to OC-48 transport and SBC OC-192/OC-192c LDCs are interconnected to OC-192 transport.

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SBC OC-N POINT-TO-POINT SERVICE

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December 23, 2005

22.2 RATE CONFIGURATION (cont'd)

22.2.2 Nonrecurring Charges (cont'd)

**MISSOURI PUBLIC SERVICE COMMISSION** 

21.2.2.2 Service Rearrangements (cont'd)

Service rearrangements will be charged as follows:

If a change involves the rearrangement of a SBC OC-n Point-to-Point Service (nonchannelized) to an arrangement with an Add/Drop Multiplexer and an Add/Drop Function or vice-versa, an Administrative Charge, Design and Central Office Connection Charge and Customer Connection Charge will apply.

A change in payload mapping within an OC-n package will require a redesign of the SBC OC-n Point-to-Point Service, and an Administrative Charge and Design and Central Office Connection Charge will apply.

- 22.2.3 Local Distribution Channels (LDCs) provide optical interconnection between a Company Serving Wire Center (SWC) and the customer premises. LDCs are in available at terminating bit rates of 155.52 Mbps, 622.08 Mbps, 2488.32 Mbps and 9953.28 Mbps. LDCs are provided in 4 fiber loop format in a synchronous data transmission format. Rates and charges apply per LDC termination at a customer's premises.
- 22.2.4 Interoffice Transport facilities, comprised of Channel Mileage Termination (CMT) and Channel Mileage (CM), provide the transmission paths between Serving Wire Centers associated with two customer-designated premises or between a Serving Wire Center associated with a customer premises and a Company Hub location. Four interoffice transport types are available: OC-3 transport which supports a bit rate of 155.52, OC-12 transport at the 622.08 bit rate, OC-48 transport at a bit rate of 2488.32 and OC-192 at a bit rate of 9953.28.

(AT) (AT) SBC OC-3/OC-3c LDCs are interconnected to OC-3 transport, SBC OC-12/OC-12c LDCs are interconnected to OC-12 transport, SBC OC-48/OC-48c LDCs are interconnected to OC-48 transport and SBC OC-192/OC-192c LDCs are interconnected to OC-192 transport.

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Digital Link Services Tariff Section 22 Original Sheet 11

# SBC OC-N POINT-TO-POINT SERVICE

22.2 RATE CONFIGURATION (cont'd)

Missouri Public

22.2.2 Nonrecurring Charges (cont'd)

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21.2.2.2 Service Rearrangements (cont'd)

Service Commission

Service rearrangements will be charged as follows:

If a change involves the rearrangement of a SBC OC-n Point-to-Point Service (nonchannelized) to an arrangement with an Add/Drop Multiplexer and an Add/Drop Function or vice-versa, an Administrative Charge, Design and Central Office Connection Charge and Customer Connection Charge will apply.

A change in payload mapping within an OC-n package will require a redesign of the SBC OC-n Point-to-Point Service, and an Administrative Charge and Design and Central Office Connection Charge will apply.

- 22.2.3 Local Distribution Channels (LDCs) provide optical interconnection between a Company Serving Wire Center (SWC) and the customer premises. LDCs are in available at terminating bit rates of 155.52 Mbps, 622.08 Mbps, 2488.32 Mbps and 9953.28 Mbps. LDCs are provided in 4 fiber loop format in a synchronous data transmission format. Rates and charges apply per LDC termination at a customer's premises.
- 22.2.4 Interoffice Transport facilities, comprised of Channel Mileage Termination (CMT) and Channel Mileage (CM), provide the transmission paths between Serving Wire Centers associated with two customer-designated premises or between a Serving Wire Center associated with a customer premises and a Company Hub location. Four interoffice transport types are available: OC-3 transport which supports a bit rate of 155.52, OC-12 transport at the 622.08 bit rate, OC-48 transport at a bit rate of 2488.32 and OC-192 at a bit rate of 9953.28.

SBC OC-3 LDCs are interconnected to OC-3 transport, SBC OC-12 LDCs are interconnected to OC-12 transport, SBC OC-48 LDCs are interconnected to OC-48 transport and SBC OC-192 LDCs are interconnected to OC-192 transport.

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St. Louis, Missouri

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#### SBC OC-N POINT-TO-POINT SERVICE

## 22.2 RATE CONFIGURATION (cont'd)

#### 22.2.4 (cont'd)

In addition, interoffice transport can be connected between wire centers with Add/Drop Multiplexing at a lower OC-n speed than the LDC, if the transport is between a lower speed Add/Drop Function and:

- another lower speed Add/Drop Function
- another lower speed Local Distribution Channel
- a lower speed Dedicated Ring Port

All of the above terminations must be the same speed as the transport.

## 22.2.5 Optional Features

## A. OC-n Add/Drop Multiplexing

An arrangement that allows a SBC OC-n channel operating at a terminating speed of 155.52 Mbps, 622.08 Mbps, 2488.32 Mbps and 9953.28 Mbps respectively, to add/drop a lower speed channel by using this feature along with the Add/Drop Function as stated below.

OC-3 Add/Drop Multiplexing at a Company wire center will provide the capability to support the full Add/Drop Function capacity of OC-3 Service bandwidth with up to three DS3 Add/Drop Functions or equivalently up to three groups of 28 DS1 Add/Drop Functions.

OC-12 Add/Drop Multiplexing at a Company wire center will provide the capability to support the full Add/Drop Function capacity of OC-12 Service bandwidth with up to four OC-3 Add/Drop Functions or up to twelve DS3 Add/Drop Functions or equivalent combinations of OC-3 and DS3.

OC-48 Add/Drop Multiplexing at a Company wire center will provide the capability to support one quarter of the Add/Drop Function capacity of OC-48 Service bandwidth. Up to four OC-48 Add/Drop Multiplexing options may be provided with each supporting one OC-12 Add/Drop Function, or up to four OC-3 Add/Drop Functions or up to twelve DS3 Add/Drop Functions or equivalent combinations of OC-3 and DS3 Add/Drop Functions.

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#### SBC OC-N POINT-TO-POINT SERVICE

## 22.2 RATE CONFIGURATION (cont'd)

#### 22.2.5 Optional Features (cont'd)

## A. OC-n Add/Drop Multiplexing (cont'd)

OC-192 Add/Drop Multiplexing at a Company wire center will provide the capability to support full Add/Drop Function capacity of OC-192 Service bandwidth. Up to four OC-48 Add/Drop Multiplexing options, or up to 16 OC-12 add/drop functions, or up to 64 OC-3 add/drop functions or equivalent combinations of OC-48, OC-12 and OC-3 add/drop functions may be provided.

# B. Add/Drop Function

The SBC OC-n Point-to-Point Service is able to add or drop lower level signals as shown in the matrix following. The Add/Drop Function is offered at a circuit level. For example, if a customer wants to drop one DS3 signal from an OC-12 service, they would pay one add/drop charge for the DS3, plus the OC-12 Add/Drop Multiplexing charge.

A SBC OC-n Point to Point Service is only able to add or drop the services that have been identified by payload content (mapped) within the bandwidth. DS1 mapped STS-1 signals are only able to connect to a DS1, and DS3 mapped STS-1 signals are only able to connect to a DS3. If a change is required it may be accomplished by the customer's CPE or through the current asynchronous environment for multiplexing of DS3 and DS1 Services.

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No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 22 1st Revised Sheet 14 Replacing Original Sheet 14

#### SBC OC-N POINT-TO-POINT SERVICE

# 22.2 RATE CONFIGURATION (cont'd)

# 22.2.5 Optional Features (cont'd)

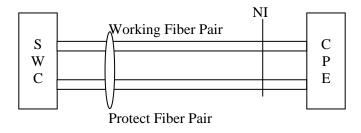
#### B. Add/Drop Function (cont'd)

		$ADD_{\ell}$	DROP Func	tion		
	DS1	DS3	OC-3	OC-12	OC-48	
OC-192	$No^{/1/}$	Yes <sup>/2/</sup>	Yes	Yes	Yes	
OC-48	$\mathrm{No}^{\prime1\prime}$	Yes	Yes	Yes	NA	
OC-12	Yes	Yes	Yes	NA	NA	
OC-3	Yes	Yes	NA	NA	NA	

#### C. 1+1 Protection

The base SBC OC-n Point to Point Service is offered with four fibers in the same cable, but the protection card will only be activated when this option is ordered. This will allow customers to order protection if their CPE can accommodate it.

#### SAME CABLE



- /1/ To add/drop a DS1 from an OC-12 and/or OC-48, an intermediate step at either OC-3 or DS3 must be taken. To add/drop a DS1 from an OC-192, an intermediate step at OC-48 must be taken.
- Only the first 24 DS3s will be dropped directly off an OC-192, the 25th DS3 requires an OC-3, OC-12 or OC-48 subtended shelf.

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#### SBC OC-N POINT-TO-POINT SERVICE

December 23, 2005

## 22.2 RATE CONFIGURATION (cont'd)

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# 22.2.5 Optional Features (cont'd)

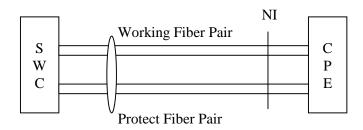
#### B. Add/Drop Function (cont'd)

		ADD	DROP Func	tion		
	DS1	DS3	OC-3	OC-12	OC-48	
OC-192	$\mathrm{No}^{/1/}$	$No^{/2/}$	Yes	Yes	Yes	
OC-48	$\mathrm{No}^{\prime1\prime}$	Yes	Yes	Yes	NA	
OC-12	$No^{/1/}$	Yes	Yes	NA	NA	
OC-3	Yes	Yes	NA	NA	NA	

#### C. 1+1 Protection

The base SBC OC-n Point to Point Service is offered with four fibers in the same cable, but the protection card will only be activated when this option is ordered. This will allow customers to order protection if their CPE can accommodate it.

#### SAME CABLE



- /1/ To add/drop a DS1 from an OC-12 and/or OC-48, an intermediate step at either OC-3 or DS3 must be taken. To add/drop a DS1 from an OC-192, an intermediate step at OC-48 must be taken.
- /2/ To add/drop a DS3 from an OC-192, an intermediate step at either OC-3, OC-12 or OC-48 must be taken.

#### SBC OC-N POINT-TO-POINT SERVICE

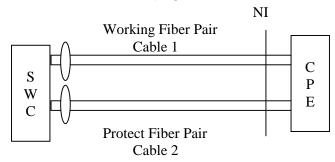
## 22.2 RATE CONFIGURATION (cont'd)

#### 22.2.5 Optional Features (cont'd)

## D. 1+1 Protection with Cable Survivability

This option will provide 1+1 protection and additional loop survivability with the working fiber pair and protect fiber pair placed in separate cables within the same conduit.

#### DIFFERENT CABLE

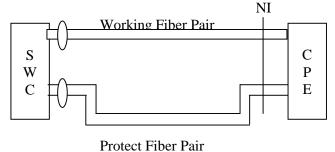


#### E. 1+1 Protection with Route Survivability

This option will provide 1+1 protection and offer additional protection from fiber cable cuts by routing the working fiber pair via the primary route and the protect fiber pair via a physically diverse alternate route.

This option will also assure 100 percent availability of the service. Any service interruption will result in a credit allowance as described in the Credit Allowances paragraph preceding.

#### DIFFERENT PHYSICAL PATH



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Nonrecurring Charge

#### SBC OC-N POINT-TO-POINT SERVICE

# 22.2 RATE CONFIGURATION (cont'd)

#### 22.2.5 Optional Features (cont'd)

## F. Point-to Point Regenerator

Regenerators provide essential detection and retransmission of SONET Optical 2488.32 Mbps or 9953.28 Mbps signals between customer premises. Regenerators will only be provided as required by the Company when actual fiber facility distances between customer designated premises and/or central office locations exceed design limits (typically 25 to 30 miles). Regenerators will be located exclusively in Company central offices.

USOC

#### 22.3 RATES AND CHARGES

# 22.3.1 Nonrecurring Charges

		<u>030C</u>	Nonrecurring Charge
	Administrative Charge, per service order		
(AT)	- OC-3/OC-3c Service 155.52 Mbps	NHCP1	ICB
	<ul> <li>OC-12/OC-12c Service 622.08 Mbps</li> </ul>	NHCP1	ICB
	<ul> <li>OC-48/OC-48c Service 2488.32 Mbps</li> </ul>	NHCP1	ICB
(AT)	- OC-192/OC-192c Service 9953.28 Mbps	NHCP1	ICB
	Design and Central Office Connection Charge, per circuit		
(AT)	- OC-3/OC-3c Service 155.52 Mbps	NHCP2	ICB
	<ul> <li>OC-12/OC-12c Service 622.08 Mbps</li> </ul>	NHCP2	ICB
	<ul> <li>OC-48/OC-48c Service 2488.32 Mbps</li> </ul>	NHCP2	ICB
(AT)	- OC-192/OC-192c Service 9953.28 Mbps	NHCP2	ICB
	Customer Connection Charge, per termination		
(AT)	- OC-3/OC-3c Service 155.52 Mbps	NHCP3	ICB
`	- OC-12/OC-12c Service 622.08 Mbps	NHCP3	ICB
	- OC-48/OC-48c Service 2488.32 Mbps	NHCP3	ICB
(AT)	- OC-192/OC-192c Service 9953.28 Mbps	NHCP3	ICB

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#### SBC OC-N POINT-TO-POINT SERVICE

Missouri Public

22.2 RATE CONFIGURATION (cont'd)

22.2.5 Optional Features (cont'd)

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F. Point-to Point Regenerator

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Regenerators provide essential detection and retransmission of SONET Optical 2488.32 Mbps or 9953.28 Mbps signals between customer premises. Regenerators will only be provided as required by the Company when actual fiber facility distances between customer designated premises and/or central office locations exceed design limits (typically 25 to 30 miles). Regenerators will be located exclusively in General offices.

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#### 22.3 RATES AND CHARGES

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22.3.1 Nonrecurring Charges

OC-192 Service 9953.28 Mbps

OC-3 Service 155.52 Mbps

OC-12 Service 622.08 Mbps

OC-48 Service 2488.32 Mbps

OC-192 Service 9953.28 Mbps

Customer Connection Charge, per termination

Public Service Comm MISSOURI	Nonrecurring Charge	
Administrative Charge, per service order		
<ul> <li>OC-3 Service 155.52 Mbps</li> <li>OC-12 Service 622.08 Mbps</li> <li>OC-48 Service 2488.32 Mbps</li> <li>OC-192 Service 9953.28 Mbps</li> </ul>	NHCP1 NHCP1 NHCP1 NHCP1	ICB ICB ICB ICB
Design and Central Office Connection Charge, per circuit		
<ul> <li>OC-3 Service 155.52 Mbps</li> <li>OC-12 Service 622.08 Mbps</li> <li>OC-48 Service 2488.32 Mbps</li> </ul>	NHCP2 NHCP2 NHCP2	ICB ICB ICB

NHCP2

NHCP3

NHCP3

NHCP3

NHCP3

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Missouri Public Service Commission

**ICB** 

**ICB** 

**ICB** 

**ICB** 

**ICB** 

Effective: January 2, 2003

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# SBC OC-N POINT-TO-POINT SERVICE

# 22.3 RATES AND CHARGES (cont'd)

# 22.3.2 Recurring Rates

		<u>USOC</u>	Monthly Rate
	Local Distribution Channel		
	- per point of termination		
(AT)	- OC-3/OC-3c	1RSOX	ICB
	- OC-12/OC-12c	1RSOX	ICB
	- OC-48/OC-48c	1RSOX	ICB
(AT)	- OC-192/OC-192c	1RSOX	ICB
	Channel Mileage Termination		
	- per point of termination		
	- OC-3	CM6	ICB
	- OC-12	CM6	ICB
•	- OC-48	CM6	ICB
	- OC-192	CM6	ICB
	Channel Mileage, per mile		
	<ul> <li>per point of termination</li> </ul>		
	- OC-3	JZ4WS	ICB
	- OC-12	JZ4WS	ICB
	- OC-48	JZ4WS	ICB
	- OC-192	JZ4WS	ICB
	Optional Features -		
	Add/Drop Multiplexing		
	<ul> <li>per arrangement</li> </ul>		
	- OC-3	MPECX	ICB
	- OC-12	MPEDX	ICB
	- OC-48	MXRFX	ICB
	- OC-192	MXRGX	ICB

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Missouri Public

# SBC OC-N POINT-TO-POINT SERVICE

## 22.3 RATES AND CHARGES (cont'd)

REC'D DEC 02 2002

#### 22.3.2 Recurring Rates

# Service Commission

	<u>USOC</u>	Monthly Rate
Local Distribution Channel		
- per point of termination		
- ÔC-3	1RSOX	ICB
- OC-12	1RSOX	ICB
- OC-48	1RSOX	ICB
- OC-192	1RSOX	ICB
Channel Mileage Termination		
- per point of termination		
- OC-3	CM6	ICB
- OC-12	CM6	ICB
- OC-48	CM6	ICB
- OC-192	CM6	ICB
Channel Mileage, per mile		
<ul> <li>per point of termination</li> </ul>		
- OC-3	JZ4WS	ICB
- OC-12	JZ4WS	ICB
- OC-48	JZ4WS	ICB
- OC-192	JZ4WS	ICB
Optional Features -		
Add/Drop Multiplexing		
- per arrangement		
- OC-3	MPECX	ICB
- OC-12	MPEDX	ICB
- OC-48	MXRFX	ICB
- OC-192 CANC	ELLEDMXRGX	ICB

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Missouri Public Service Commission

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# SBC OC-N POINT-TO-POINT SERVICE

# 22.3 RATES AND CHARGES (cont'd)

# 22.3.2 Recurring Rates (cont'd)

Optional Features (cont'd)

		<u>USOC</u>	Monthly Rate	Nonrecurring Charge
	Add/Drop Function			
	OC-3 Service			
	<ul> <li>Per DS3 Add or Drop</li> </ul>	MXJBX	ICB	ICB
	- Per DS1 Add or Drop	MXJAX	ICB	ICB
	OC-12 Service			
	<ul> <li>Per OC-3 Add or Drop</li> </ul>	MXJCX	ICB	ICB
	- Per DS3 Add or Drop	MXJBX	ICB	ICB
	OC-48 Service			
	- Per OC-12 Add or Drop	MXJEX	ICB	ICB
	- Per OC-3 Add or Drop	MXJCX	ICB	ICB
	- Per DS3 Add or Drop	MXJBX	ICB	ICB
	OC-192 Service			
	- Per OC-48 Add or Drop	MXJFX	ICB	ICB
•	- Per OC-12 Add or Drop	MXJEX	ICB	ICB
	- Per OC-3 Add or Drop	MXJCX	ICB	ICB
	1+1 Protection			
(AT)	- Per OC-3/OC-3c LDC	P8T	ICB	ICB
`  ´	- Per OC-12/OC-12c LDC	P8T	ICB	ICB
	<ul> <li>Per OC-48/OC-48c LDC</li> </ul>	P8T	ICB	ICB
(AT)	- Per OC-192/OC-192c LDC	P8T	ICB	ICB
	1+1 Protection with Cable Survivability			
(AT)	- Per OC-3/OC-3c LDC	P3S	ICB	ICB
·   ´	- Per OC-12/OC-12c LDC	P3S	ICB	ICB
	- Per OC-48/OC-48c LDC	P3S	ICB	ICB
(AT)	- Per OC-192/OC-192c LDC	P3S	ICB	ICB

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22.3 RA	TES AND CHARGES (cont'd)						
	Recurring Rates (cont'd)	FEB 1.0 2009	<i>.</i> *	REC'D DEC 02 2	2002		
	Recurring Rates (cont'd) Optional Features (cont'd)	Service Commis MISSOURIC	SSIOR S Monthly Rate	Service Commi Nonrecurring Charge	ssior		
	Add/Drop Function						
	OC-3 Service						
	- Per DS3 Add or Drop	MXJBX	ICB	ICB			
	- Per DS1 Add or Drop	MXJAX	ICB	ICB			
	OC-12 Service						
	- Per OC-3 Add or Drop	MXJCX	ICB	ICB			
	- Per DS3 Add or Drop	MXJBX	ICB	ICB			
	OC-48 Service						
	- Per OC-12 Add or Drop	MXJEX	lСВ	ICB			
	- Per OC-3 Add or Drop	MXJCX	ICB	ICB			
	- Per DS3 Add or Drop	MXJBX	ICB	ICB			
	OC-192 Service						
	- Per OC-48 Add or Drop	MXJFX	ICB	ICB			
	- Per OC-12 Add or Drop	MXJEX	ICB	ICB			
	- Per OC-3 Add or Drop	MXJCX	ICB	ICB			
	1+1 Protection						
	- Per OC-3 LDC	P8T	ICB	ICB			
	- Per OC-12 LDC	P8T	ICB .	ICB			
	- Per OC-48 LDC	P8T	ICB	ICB			
	- Per OC-192 LDC	P8T	ICB	ICB			
	1+1 Protection with Cable Survi	vability					
	- Per OC-3 LDC	P3S	ICB	ICB			
	- Per OC-12 LDC	P3S	ICB	ICB			
	- Per OC-48 LDC	P3S	ICB	ICB			
	- Per OC-192 LDC	P3S	ICB	ICB			

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# SBC OC-N POINT-TO-POINT SERVICE

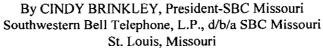
# 22.3 RATES AND CHARGES (cont'd)

# 22.3.2 Recurring Rates (cont'd)

	Optional Features (cont'd)	<u>USOC</u>	Monthly Rate	Nonrecurring Charge
	Add/Drop Function (cont'd)			
(AT)	<ul> <li>1+1 Protection with Route Survivability</li> <li>Per OC-3/OC-3c LDC</li> <li>Per OC-12/OC-12c LDC</li> <li>Per OC-48/OC-48c LDC</li> <li>Per OC-192/OC-192c LDC</li> </ul>	P8T P8T P8T P8T	ICB ICB ICB ICB	Apply P8T preceding plus 'Per Quarter Route Mile' Below
	Per Quarter Route Mile OC-3 OC-12 OC-48 OC-192	S2DXY S2DXY S2DXY S2DXY	ICB ICB ICB ICB	ICB ICB ICB ICB
	Point-to-Point Regenerator, - Per OC-48 regenerator - Per OC-92 regenerator	RGY48 RGY92	None None	ICB ICB

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#### SBC OC-N POINT-TO-POINT SERVICE

Missouri Public

22.3 RATES AND CHARGES (cont'd)

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22.3.2 Recurring Rates (cont'd)

Optional Features (cont'd)		Service Commission		
	<u>USOC</u>	Monthly Rate	Nonrecurring Charge	
Add/Drop Function (cont'd)				
1+1 Protection with Route Survivability				
- Per OC-3 LDC	P8T	ICB	Apply P8T	
- Per OC-12 LDC	P8T	ICB	preceding plus 'Per	
- Per OC-48 LDC	P8T	ICB	Quarter Route Mile'	
- Per OC-192 LDC	P8T	ICB	Below	
Per Quarter Route Mile				
OC-3	S2DXY	ICB	ICB	
OC-12	S2DXY	ICB	ICB	
OC-48	S2DXY	ICB	ICB	
OC-192	S2DXY	ICB	ICB	
Point-to-Pont Regenerator,				
- Per OC-48 regenerator	RGY48	None	ICB	
- Per OC-92 regenerator	RGY92	None	ICB	

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## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES

#### 23.1.1 General

SBC Multi-service Optical Network Ring (MON Ring) Service provides high volume optical transport utilizing multiplexing technology in a ring configuration. Multiple data signals are transmitted over fiber-optic cable using different wavelengths of light. Each of these wavelengths represents a transmission channel in the MON system and is protocol-independent of every other channel in the system.

SBC MON Ring Service is only available within the Local Access and Transport Areas (LATAs) served by and within the service territories of the Company.

SBC MON Ring Service allows customers to combine their multiple data signals so that they can be amplified and transported over one network. MON Ring Service provides dedicated capacity over a single pair of fiber in two directions that increases capacity without limiting customer-required data interfaces.

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Digital Link Services Tariff
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#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES

#### 23.1.1 General

SBC Multi-service Optical Network Ring (MON Ring) Service provides high volume optical transport utilizing multiplexing technology in a ring configuration. Multiple data signals are transmitted over fiber-optic cable using different wavelengths of light. Each of these wavelengths represents a transmission channel in the MON system and is protocol-independent of every other channel in the system.

SBC MON Ring Service is only available within the Local Access and Transport Areas (CT) (LATAs) served by and within the service territories of the Company.

SBC MON Ring Service allows customers to combine their multiple data signals so that they can be amplified and transported over one network. MON Ring Service provides dedicated capacity over a single pair of fiber in two directions that increases capacity without limiting customer-required data interfaces.

SBC MON Ring Service offers the following port interfaces:

IBM Protocols: (1)

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November 30, 2005

# MISSOURI PUBLIC SERVICE COMMISSION

ESCON<sup>TM</sup> (200 Mbps) – Enterprise Systems Connection. An IBM duplex optical connection used for computer-to-computer data exchange. ESCON<sup>TM</sup> is limited to a maximum distance of 43 km and actual data throughput is distance sensitive.

ETR<sup>TM</sup> (8 Mbps – Manchester Encoded) – External Timing References. This protocol is used for IBM GDPS<sup>TM</sup> architecture for multiple-location host processors. ETR<sup>TM</sup> is limited to a maximum distance of 40 km.

FICON<sup>TM</sup> (1.0625 Gbps and 2.125 Gbps) – A higher-speed evolution of ESCON<sup>TM</sup>, enabling 1 Gbps connectivity among mainframes, storage devices and peripherals. FICON<sup>TM</sup> is limited to a maximum distance of 100 km and actual data throughput is distance sensitive.

(MT) ISC<sup>TM</sup> (1.0625 Gbps) – Inter-System Coupling. This protocol is used with IBM GDPS<sup>TM</sup> architecture for multiple-location host processors. ISC<sup>TM</sup> is limited to a maximum (MT) distance of 40 km.

(1) ESCON<sup>TM</sup>, ETR<sup>TM</sup>, FICON<sup>TM</sup>, ISC<sup>TM</sup> and GDPS<sup>TM</sup> are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

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By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Digital Link Services Tariff
Section 23
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SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES

**RECD JAN 23 2003** 

#### 23.1.1 General

SBC Multi-service Optical Network Ring (MON Ring) Service provides high volume optical transport utilizing multiplexing technology in a ring configuration. Multiple data signals are transmitted over fiber-optic cable using different wavelengths of light. Each of these wavelengths represents a transmission channel in the MON system and is protocol-independent of every other channel in the system.

SBC MON Ring Service is only available within the Local Access and Transport Areas (LATAs) served by and within the service territories of Southwestern Bell.

SBC MON Ring Service allows customers to combine their multiple data signals so that they can be amplified and transported over one network. MON Ring Service provides dedicated capacity over a single pair of fiber in two directions that increases capacity without limiting customer-required data interfaces.

SBC MON Ring Service offers the following port interfaces:

IBM Protocols: (1)

ESCON<sup>TM</sup> (200 Mbps) – Enterprise Systems Connection. An IBM duplex optical connection used for computer-to-computer data exchange. ESCON<sup>TM</sup> is limited to a maximum distance of 43 km and actual data throughput is distance sensitive.

ETR<sup>TM</sup> (8 Mbps – Manchester Encoded) – External Timing References. This protocol is used for IBM GDPS<sup>TM</sup> architecture for multiple-location host processors. ETR<sup>TM</sup> is limited to a maximum distance of 40 km.

FICON<sup>TM</sup> (1.0625 Gbps and 2.125 Gbps) – A higher-speed evolution of ESCON<sup>TM</sup>, enabling 1 Gbps connectivity among mainframes, storage devices and peripherals. FICON<sup>TM</sup> is limited to a maximum distance of 100 km and actual data throughput is distance sensitive.

(1) ESCON<sup>TM</sup>, ETR<sup>TM</sup>, FICON<sup>TM</sup>, ISC<sup>TM</sup> and GDPS<sup>TM</sup> are registered trademarks of the International

Business Machines (IBM) Corporation, Armonk, NY 10504.

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By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri
Missouri Public
Service Commission

Missouri Missouri Public Service Commission

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Digital Link Services Tariff Section 23 Original Sheet 1.1

## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

## 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

## 23.1.1 General (cont'd)

**Sub-Rate Systems** 

(MT)

Sub-Rate System - provide a multiplexing system operating at 1.25 Gbps with 4 ports. Applicable to ESCON<sup>TM</sup>, Fast Ethernet, D1 Video, DVB-ASI. and OC-3/OC-3c port interfaces. Sub-rate multiplexing is offered at the serving wire center only for OC-3/OC-3c. (1)

ESCON<sup>TM</sup> Sub-Rate System - provides a multiplexing system which allows customers to put up to 8 ESCON<sup>TM</sup> Channels (no other protocol) on one port card. (1)

GigE/FC/FICON<sup>TM</sup> Sub-Rate System - provides a multiplexing system which allows customers to put 2 Gigabit Ethernet (GigE) Channels or 2 Fibre Channels or 2 FICON<sup>TM</sup> Channels on one port card. (1)

OC-3/OC-12 Sub-Rate System – provides a multiplexing system which allows customers to put up to either 4 OC-3/OC-3c signals or OC-12/OC-12c signals or combinations thereof on one card. This sub-rate multiplexing system will have independent timing which allows multiple OC-3/OC-3c services or OC-12/OC-12c services on one port card. (1)

(MT)

SONET OC-48 Sub-Rate System – provides a multiplexing system which allows customers to put up to four (4) OC-48/OC-48c signals on one card.(2)

(AT)

(AT)

(MT) (1) Available where facilities and equipment permit.

(2) Available where facilities and equipment permit beginning November 30, 2005.

Issued: October 31, 2005 Effective: November 30, 2005

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No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 23 Original Sheet 1.2

#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES

#### 23.1.1 General

(MT) SBC MON Ring Service offers the following port interfaces:

IBM Protocols: (1)

ESCON<sup>TM</sup> (200 Mbps) – Enterprise Systems Connection. An IBM duplex optical connection used for computer-to-computer data exchange. ESCON<sup>TM</sup> is limited to a maximum distance of 43 km and actual data throughput is distance sensitive. ESCON<sup>TM</sup> is offered as a riding circuit where facilities and equipment permit.

ETR/CLO<sup>TM</sup> (8 Mbps – Manchester Encoded) – External Timing References/Control Link Oscillator. This protocol is used for IBM GDPS<sup>TM</sup> architecture for multiple-location host processors. ETR/CLO<sup>TM</sup> is limited to a maximum distance of 40 km.

FICON<sup>TM</sup> (1.0625 Gbps and 2.125 Gbps) – A higher-speed evolution of ESCON<sup>TM</sup>, enabling 1 Gbps connectivity among mainframes, storage devices and peripherals. FICON<sup>TM</sup> is limited to a maximum distance of 100 km and actual data throughput is distance sensitive. 1.0625 Gbps service is offered as a riding circuit where facilities and equipment permit. 1.0625 Gbps service is capable of being multiplexed on the GigE/FC/FICON<sup>TM</sup> Sub-Rate System.

ISC-1<sup>TM</sup> (1.0625 Gbps) – Inter-System Coupling. This protocol is used with IBM GDPS<sup>TM</sup> architecture for multiple-location host processors. ISC<sup>TM</sup> is limited to a maximum distance of 40 km.

 $ISC-3^{TM}~(2.125~Gbps)-Inter-System~Channel.~ISC-3^{TM}~links~have~a~peak~data~rate~of~2.125~Gbps~and~can~interconnect~IBM^{TM}~eServer~z900~systems~for~distances~up~to~100km.$ 

(1) ESCON<sup>TM</sup>, ETR/CLO<sup>TM</sup>, FICON<sup>TM</sup>, ISC-1<sup>TM</sup>, ISC-3<sup>TM</sup>, and GDPS<sup>TM</sup> are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

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Digital Link Services Tariff
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## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

Fibre Channel (1.0625 Gbps and 2.125 Gbps) – an industry standard protocol used to

## 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

## 23.1.1 General (cont'd)

#### Other Protocols:

(AT) (AT)(MT) (MT)	interconnect Storage Area Networks (SANs). Fibre Channel is limited to a maximum distance of 100 km and actual data throughput is distance sensitive. 1.0625 Gbps service is offered as a riding circuit where facilities and equipment permit. 1.0625 Gbps service is capable of being multiplexed on the GigE/FC/FICON <sup>TM</sup> Sub-Rate System.
(AT)	Fast Ethernet – a version of Ethernet that allows data transmission rates of 100 Mbps. Offered as a riding circuit where facilities and equipment permit.
(AT)	Gigabit Ethernet – a version of Ethernet that allows data transmission rates of 1 Gbps. Gigabit Ethernet (GigE) is offered as a riding circuit where facilities and equipment permit.
	10 Gigabit Ethernet (WAN-PHY) – a version of Ethernet that allows data transmission rates of 9.953 Gbps with a WAN-PHY only interface.
	10 Gigabit Ethernet (LAN-PHY) – a version of Ethernet that allows data transmission rates of 10.3125 Gbps with a LAN-PHY only interface.
(AT)	D1 Video – uncompressed digital video signal operating at 270 Mbps. Offered as a riding circuit where facilities and equipment permit.
(AT)	DVB-ASI Video – Digital Video Broadcasting – provides a 1310 nm optical interface at 270 Mbps. Offered as a riding circuit where facilities and equipment permit.
(AT) (AT)	SONET OC-3/OC-3c - provides a fiber-based 155.52 Mbps synchronous optical full duplex data transmission capability. Offered as a riding circuit where facilities and equipment permit. (1)
(MT)	

(1) These port interfaces are available at both the Customer Premises Node and the Central Office Node. All other port interfaces are available only at the Customer Premises Node.

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Digital Link Services Tariff
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## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

## 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

## 23.1.1 General (cont'd)

(MT)

(CT)

(CT)

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(CT)

#### Other Protocols:

Fibre Channel (1.0625 Gbps and 2.125 Gbps) – an industry standard protocol used to interconnect Storage Area Networks (SANs). Fibre Channel is limited to a maximum distance of 100 km and actual data throughput is distance sensitive.

Fast Ethernet – a version of Ethernet that allows data transmission rates of 100 Mbps.

Gigabit Ethernet – a version of Ethernet that allows data transmission rates of 1 Gbps.

10 Gigabit Ethernet (WAN-PHY) – a version of Ethernet that allows data transmission rates of 9.953 Gbps with a WAN-PHY only interface.

(AT) 10 Gigabit Ethernet (LAN-PHY) – a version of Ethernet that allows data transmission (AT) rates of 10.3125 Gbps with a LAN-PHY only interface.

D1 Video – uncompressed digital video signal operating at 270 Mbps.

SONET OC-3/OC-3c - provides a fiber-based 155.52 Mbps synchronous optical full duplex data transmission capability. (1)

SONET OC-12/OC-12c - provides a fiber-based 622.08 Mbps synchronous optical full duplex data transmission capability. (1)

SONET OC-48/OC-48c - provides a fiber-based 2488.32 Mbps synchronous optical full duplex data transmission capability. (1)

SONET OC-192/OC-192c - provides a fiber-based 9953.28 Mbps synchronous optical full duplex data transmission capability. (1)

(RT)
 (FC) (1) These port interfaces are available at both the Customer Premises Node and the Central Office Node. All other port interfaces are available only at the Customer Premises Node.

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November 30, 2005

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri





Digital Link Services Tariff
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1st Revised Sheet 2
Replacing Original Sheet 2

SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

## 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

Missouri Public

#### 23.1.1 General (cont'd)

**REC'D JAN 16 2004** 

IBM Protocols: (1) (cont'd)

Service Commission

ISC<sup>TM</sup> (1.0625 Gbps) – Inter-System Coupling. This protocol is used with IBM GDPS<sup>TM</sup> architecture for multiple-location host processors. ISC<sup>TM</sup> is limited to a maximum distance of 40 km.

Other Protocols:

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Fibre Channel (1.0625 Gbps and 2.125 Gbps) – an industry standard protocol used to interconnect Storage Area Networks (SANs). Fibre Channel is limited to a maximum distance of 100 km and actual data throughput is distance sensitive.

Fast Ethernet – a version of Ethernet that allows data transmission rates of 100 Mbps.

Gigabit Ethernet - a version of Ethernet that allows data transmission rates of 1 Gbps.

10 Gigabit Ethernet (WAN-PHY) - a version of Ethernet that allows data transmission rates of 9.953 Gbps with a WAN-PHY only interface.

D1 Video – uncompressed digital video signal operating at 270 Mbps.

SONET OC-3/OC-3c - provides a fiber-based 155.52 Mbps synchronous optical full duplex data transmission capability. (2)

SONET OC-12/OC-12c - provides a fiber-based 622.08 Mbps synchronous optical full duplex data transmission capability. (2)

SONET OC-48/OC-48c - provides a fiber-based 2488.32 Mbps synchronous optical full duplex data transmission capability. (2)

SONET OC-192/OC-192c - provides a fiber-based 9953.28 Mbps synchronous optical full duplex data transmission capability. (2)

(1) ESCON<sup>TM</sup>, ETR<sup>TM</sup>, FICON<sup>TM</sup>, ISC<sup>TM</sup> and GDPS<sup>TM</sup> are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

(2) These port interfaces are available at both the Customer Premises Node and the Central Office Node. All other port interfaces are available only at the Customer Premises Node.

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Effective: February 17, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

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Digital Link Services Tariff Section 23 Original Sheet 2

SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE COMMISSION

23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

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23.1.1 General (cont'd)

IBM Protocols: (1) (cont'd)

ISC<sup>TM</sup> (1.0625 Gbps) – Inter-System Coupling. This protocol is used with IBM GDPS<sup>TM</sup> architecture for multiple-location host processors. ISC<sup>TM</sup> is limited to a maximum distance of 40 km.

Other Protocols:

Fibre Channel (1.0625 Gbps and 2.125 Gbps) – an industry standard protocol used to interconnect Storage Area Networks (SANs). Fibre Channel is limited to a maximum distance of 100 km and actual data throughput is distance sensitive.

Fast Ethernet – a version of Ethernet that allows data transmission rates of 100 Mbps.

Gigabit Ethernet – a version of Ethernet that allows data transmission rates of 1 Gbps.

10 Gigabit Ethernet (WAN-PHY) – a version of Ethernet that allows data transmission rates of 9.953 Gbps with a WAN-PHY only interface.

D1 Video - uncompressed digital video signal operating at 270 Mbps.

SONET OC-3/OC-3c - provides a fiber-based 155.52 Mbps synchronous optical full duplex data transmission capability. (2)

SONET OC-12/OC-12c - provides a fiber-based 622.08 Mbps synchronous optical full duplex data transmission capability. (2)

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- (1) ESCON<sup>TM</sup>, ETR<sup>TM</sup>, FICON<sup>TM</sup>, ISC<sup>TM</sup> and GDPS<sup>TM</sup> are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504.
- (2) These port interfaces are available at both the Customer Premises Node and the Central Office Node. All other port interfaces are available only at the Customer Premises Node.

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St. Louis, Missouri

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Digital Link Services Tariff Section 23 4th Revised Sheet 3 Replacing 3rd Revised Sheet 3

## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

## 23.1.1 General (cont'd)

Other Protocols (cont'd)

(MT) (AT) (AT)	SONET OC-12/OC-12c - provides a fiber-based 622.08 Mbps synchronous optical full duplex data transmission capability. Offered as a riding circuit where facilities and equipment permit. (1)
(AT) (AT)	SONET OC-48/OC-48c - provides a fiber-based 2488.32 Mbps synchronous optical full duplex data transmission capability. Offered as a riding circuit where facilities and equipment permit. beginning November 30, 2005. (1)
(MT)	SONET OC-192/OC-192c - provides a fiber-based 9953.28 Mbps synchronous optical full duplex data transmission capability. (1)
(MT)	

(RT)

(RT)

(MT)

(CT) (1) These port interfaces are available at both the Customer Premises Node and the Central Office Node. All other port interfaces are available only at the Customer Premises Node. (CT)

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Digital Link Services Tariff
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## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 23.1.1 General (cont'd)

Other Protocols (cont'd)

Sub-Rate System - provide a multiplexing system operating at 1.25 Gbps with 4 ports. Applicable to ESCON<sup>TM</sup>, Fast Ethernet, D1 Video and OC-3/OC-3c port interfaces. Sub-rate multiplexing is offered at the serving wire center only for OC-3/OC-3c.

GigE/FC/FICON<sup>TM</sup> Sub-Rate System - provides a multiplexing system which allows customers to put 2 Gigabit Ethernet (GigE) Channels or 2 Fibre Channels or 2 FICON<sup>TM</sup> Channels on one port card.

ESCON<sup>TM</sup> Sub-Rate System - provides a multiplexing system which allows customers to put up to 8 ESCON<sup>TM</sup> Channels (no other protocol) on one port card.

(AT)

OC-3/OC-12 Sub-Rate System – provides a multiplexing system which allows customers to put up to either 4 OC-3/OC-3c signals or OC-12/OC-12c signals or combinations thereof on one card. This sub-rate multiplexing system will have independent timing which allows multiple OC-3/OC-3c services or OC-12/OC-12c services on one port card.

OC-12 Riding Circuit – capable of being multiplexed on the OC-3/OC-12 Sub-Rate system.

Gigabit Ethernet Riding Service – capable of being multiplexed on the  $GigE/FC/FICON^{TM}$  Sub-Rate System. (1)

Fibre Channel Riding Service – 1.0625 Gbps rate service capable of being multiplexed on the GigE/FC/FICON<sup>TM</sup> Sub-Rate System. (1)

FICON<sup>TM</sup> Riding Service – 1.0625 Gbps rate service capable of being multiplexed on the GigE/FC/FICON<sup>TM</sup> Sub-Rate System. (1)

(AT)

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(AT)

(AT)

(1) These port interfaces are only available when ordered with the GigE/FC/FICON<sup>TM</sup> Sub-Rate System. Gigabit Ethernet, Fibre Channel (2.125 Gbps) and FICON<sup>TM</sup> (2.125 Gbps) can also be ordered directly on the MON Ring.

Issued: May 5, 2004 Effective: June 7, 2004

# **CANCELLED**

November 30, 2005

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri





Digital Link Services Tariff Section 23 2nd Revised Sheet 3 Replacing 1st Revised Sheet 3

## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

Missouri Public

23.1.1 General (cont'd)

**RECD JAN 16 2004** 

Other Protocols (cont'd)

(MT)

Sub-Rate System - provide a multiplexing system operating at 1.25 Gbps with 4 ports. Applicable to ESCON<sup>™</sup>, Fast Ethernet, D1 Video and OC-3/OC-3c port interfaces. Sub-rate multiplexing is offered at the serving wire center only for OC-3/OC-3c.

GigE/FC/FICON<sup>TM</sup> Sub-Rate System - provides a multiplexing system which allows (AT) customers to put 2 Gigabit Ethernet (GigE) Channels or 2 Fibre Channels or 2 FICONTM Channels on one port card.

> ESCON<sup>TM</sup> Sub-Rate System - provides a multiplexing system which allows customers to put up to 8 ESCON<sup>TM</sup> Channels (no other protocol) on one port card.

#### 23.1.2 Definitions

Bulk Power - Provides for customer premises node power which will be required if the customer's power source is AC.

Central Office Node - Provides for the termination of service at a serving wire center.

Channel Mileage - Provides for the transmission facilities between the serving wire centers associated with the Central Office Nodes and Customer Premises Nodes.

Channel Protection (Optional) - Provides protection for a single channel toward the network. It does not protect the channel against failure towards the customer interface. Protection reduces the maximum individual channel capacity of the system.

Customer Premises Node - Provides for the termination of service at the customer's premises and presents the various selected ports to the customer.

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Public Service Commission

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Effective: February 17, 2004

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Missouri Fublic Service Commission

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Digital Link Services Tariff Section 23 1st Revised Sheet 3 Replacing Original Sheet 3

SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

Missouri Public Service Commission

23.1.1 General (cont'd)

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Other Protocols: (cont'd)

SONET OC-48/OC-48c - provides a fiber-based 2488.32 Mbps synchronous optical full duplex data transmission capability. (1)

SONET OC-192/OC-192c - provides a fiber-based 9953,28 Mbps synchronous optical full duplex data transmission capability. (1)

Sub-Rate System - provide a multiplexing system operating at 1.25 Gbps with 4 ports. Applicable to ESCON<sup>TM</sup>, Fast Ethernet, D1 Video and OC-3/OC-3c port interfaces. Sub-rate multiplexing is offered at the serving wire center only for OC-3/OC-3c.

23.1.2 Definitions

Bulk Power - Provides for customer premises node power which will be required if the customer's power source is AC.

Central Office Node - Provides for the termination of service at a serving wire center.

Channel Mileage - Provides for the transmission facilities between the serving wire centers associated with the Central Office Nodes and Customer Premises Nodes.

Channel Protection (Optional) - Provides protection for a single channel toward the network. It does not protect the channel against failure towards the customer interface. Protection reduces the maximum individual channel capacity of the system.

Customer Premises Node - Provides for the termination of service at the customer's premises and presents the various selected ports to the customer.

(1) These port interfaces are available at both the Customer Premises Node and the Central Office Node. All other port interfaces are available only at the Customer Premises Node.

Effective: May 4, 2003 Issued: April 4, 2003

> By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Service Commission

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Digital Link Services Tariff Section 23 **Original Sheet 3** 

Missaud Public Service Commission

SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

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23.1.1 General (cont'd)

Other Protocols: (cont'd)

SONET OC-48/OC-48c - provides a fiber-based 2488.32 Mbps synchronous optical full duplex data transmission capability. (1)

SONET OC-192/OC-192c - provides a fiber-based 9953.28 Mbps synchronous optical full duplex data transmission capability. (1)

Sub-Rate System - provide a multiplexing system operating at 1.25 Gbps with 4 ports. Applicable to ESCON<sup>TM</sup>, Fast Ethernet, D1 Video and OC-3/OC-3c port interfaces.

#### 23.1.2 Definitions

Bulk Power - Provides for customer premises node power which will be required if the customer's power source is AC.

Central Office Node - Provides for the termination of service at a serving wire center.

Channel Mileage – Provides for the transmission facilities between the serving wire centers associated with the Central Office Nodes and Customer Premises Nodes.

Channel Protection (Optional) - Provides protection for a single channel toward the network. It does not protect the channel against failure towards the customer interface. Protection reduces the maximum individual channel capacity of the system.

Customer Premises Node - Provides for the termination of service at the customer's premises and presents the various selected ports to the customer.

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(1) These port interfaces are available at both the Customer Premises Nuts and the Central Office Node. All other port interfaces are available only at the Customer Premises Node.

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Effective: February 22, 2003

By CINDY BRINKLEY, President-Missouri Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company St. Louis, Missouri

Missouri Public Service Commission

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No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 23 Original Sheet 3.1

## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### (MT) 23.1.2 Definitions

Bulk Power - Provides for customer premises node power which will be required if the customer's power source is AC.

Central Office Node - Provides for the termination of service at a serving wire center.

Channel Mileage – Provides for the transmission facilities between the serving wire centers associated with the Central Office Nodes and Customer Premises Nodes.

Channel Protection (Optional) - Provides protection for a single channel toward the network. It does not protect the channel against failure towards the customer interface. Protection reduces the maximum individual channel capacity of the system.

Customer Premises Node - Provides for the termination of service at the customer's premises and presents the various selected ports to the customer.

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Digital Link Services Tariff Section 23 1st Revised Sheet 4 Replacing Original Sheet 4

#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

## 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 23.1.2 Definitions (cont'd)

Optical Amplifier - Provides for an optical signal boost if the distance between nodes exceeds the transmission loss parameters (link loss specific). Engineering considerations may dictate the need for more than one optical amplifier on a circuit route. These additions may be service affecting. Optical amplifiers may be located at a Customer Premise node, a Central Office Node, or at a serving wire center.

Port - Provides the channel interface at any Node location for each unprotected or protected channel.

Regenerator - Provides for re-timing, re-shaping and regeneration of the signal if degradation exceeds the dispersion or optical amplifier noise limits.

(AT) Sub-Rate System - Allows for multiple ports, also called riding circuits, on a single wavelength.

## 23.1.3 Regulations

The regulations, rates and charges specified herein are in addition to other regulations, rates and charges as specified in this and other SWBT tariffs.

- A. The services provided for SBC MON Ring Service are primarily designed to meet the private line communications requirements of business customers, and the regulations herein reflect the reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services. This assistance includes, but is not limited to, advice as to which private line service best meets the customer's requirements, taking into consideration the customer's present and future communications needs. In addition, SWBT will continue to assist and advise the customers and cooperatively respond to the requirements of the customer until such time as the private line service is discontinued. The aforementioned level of assistance is considered to be part of the private line service offering and will be provided at no additional charge.
- B. The customer-provided equipment must deliver the data signals for the SBC MON Ring Service transport within the industry specification for the subscribed data services

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By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff Section 23 Original Sheet 4

## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 23.1.2 Definitions (cont'd)

Optical Amplifier - Provides for an optical signal boost if the distance between nodes exceeds the transmission loss parameters (link loss specific). Engineering considerations may dictate the need for more than one optical amplifier on a circuit route. These additions may be service affecting. Optical amplifiers may be located at a Customer Premise node, a Central Office Node, or at a serving wire center.

Port - Provides the channel interface at any Node location for each unprotected or protected channel.

Regenerator - Provides for re-timing, re-shaping and regeneration of the signal if degradation exceeds the dispersion or optical amplifier noise limits.

## 23.1.3 Regulations

The regulations, rates and charges specified herein are in addition to other regulations, rates and charges as specified in this and other SWBT tariffs.

- The services provided for SBC MON Ring Service are primarily designed to meet the private line communications requirements of business customers, and the regulations herein reflect the reasonable support on the part of SWBT in assisting the customer in the ordering and provisioning of private line services. This assistance includes, but is not limited to, advice as to which private line service best meets the customer's requirements, taking into consideration the customer's present and future communications needs. In addition, SWBT will continue to assist and advise the customers and cooperatively respond to the requirements of the customer until such time as the private line service is discontinued. The aforementioned level of assistance is considered to be part of the private line service offering and will be provided at no additional charge.
- B. The customer-provided equipment must deliver the data signals for the SBC MON Ring Service transport within the industry specification for the subscribed data services.

## **CANCELLED**

November 30, 2005

# **MISSOURI PUBLIC SERVICE COMMISSION**

Issued: January 23, 2003 Effective: February 22, 2003

(CT)

(CT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 23 1st Revised Sheet 5 Replacing Original Sheet 5

#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

## 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

## 23.1.3 Regulations (cont'd)

- C. SBC MON Ring Service provides physical layer transport only. The Company assumes no responsibility for the signals generated by the customer, for the quality of or defects in such signals, for the reception of signals by the customer, or address signaling to the extent addressing is performed by the customer. Error detection and correction of data generated by the customer is the customer's responsibility.
- D. The service is considered interrupted when the customer reports a service disruption to the Company and the Company confirms that continuity of its service has been lost.
- E. SBC MON Ring Service may have distance limitations based on the services carried and may require routing through wire centers (central offices) based on loss limits between nodes. Services with facility length limitations may not be available on some MON rings, or may not be available between some nodes on certain MON rings.
- F. Optical Amplifiers and/or Regenerators may have to be added to a SBC MON Ring Service subsequent to the initial installation.
- G. When additional services are added, such installation may cause a service interruption to existing unprotected channels, or a protection switch on protected channels.
- H. Where conditions, equipment, and facilities permit, MON Ring Service will be offered in two configurations. Customers can purchase MON Ring with growth capacity up to 16 wavelengths or up to 32 wavelengths. The 32 wavelength systems may, at the discretion of the Company, be built as two 16 wavelength systems sharing common fiber and some common equipment. Depending upon the configuration, conversion from a 16 wavelength MON Ring to a 32 wavelength MON Ring may not be available.
  - I. SBC MON Ring Service is provided at the option of the Company where facilities permit. If appropriate facilities are not available, Special Construction charges, as set forth in Section 1.4.4 of this Tariff, may apply.
  - J. Floor space for subsequent shelf growth at a Central Office Node beyond the initial installation will be provided where available, but cannot be guaranteed for subsequent shelf growth beyond the initial installation.

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Digital Link Services Tariff Section 23 Original Sheet 5

#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 23.1.3 Regulations (cont'd)

- C. SBC MON Ring Service provides physical layer transport only. The Company assumes no responsibility for the signals generated by the customer, for the quality of or defects in such signals, for the reception of signals by the customer, or address signaling to the extent addressing is performed by the customer. Error detection and correction of data generated by the customer is the customer's responsibility.
- D. The service is considered interrupted when the customer reports a service disruption to the Company and the Company confirms that continuity of its service has been lost.
- SBC MON Ring Service may have distance limitations based on the services carried and may require routing through wire centers (central offices) based on loss limits between nodes. Services with facility length limitations may not be available on some MON rings, or may not be available between some nodes on certain MON rings.
- Optical Amplifiers and/or Regenerators may have to be added to a SBC MON Ring Service subsequent to the initial installation.
- G. When additional services are added, such installation may cause a service interruption to existing unprotected channels, or a protection switch on protected channels.
- H. SBC MON Ring Service will be offered in two configurations. Customers can purchase MON Ring with growth capacity up to 16 wavelengths or up to 32 wavelengths. The 32 wavelength systems may, at the discretion of the Company, be built as two 16 wavelength systems sharing common fiber and some common equipment. Conversion from a 16 wavelength MON Ring to a 32 wavelength MON Ring is not available.
- SBC MON Ring Service is provided at the option of the Company where facilities permit. If I. appropriate facilities are not available, Special Construction charges, as set forth in Section 1.4.4 of this Tariff, may apply.
- Floor space for subsequent shelf growth at a Central Office Node beyond the initial installation will be provided where available, but cannot be guaranteed for subsequent shelf growth beyond the initial installation.

CANCELL Lanuary 23, 2003

November 30, 2005

By CINDY BRINKLEY, President-Missouri

Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company Filed

St. Louis, Missouri

Effective: February 22, 2003



Digital Link Services Tariff Section 23 3rd Revised Sheet 6 Replacing 2nd Revised Sheet 6

#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

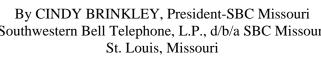
#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 23.1.3 Regulations (cont'd)

- Prior to confirming an order for service, the Company will provide a proposed route diagram to the customer.
- Installation of service will not begin until the customer has accepted the proposed routing by the Company.
- M. Services with time-delay sensitive protocols have facility length limitations and may affect the design/availability of SBC MON Ring Service, (e.g., CPU to CPU communications have a maximum distance limitation of 60 km.). The Company will work cooperatively with the customer to determine if the desired services can operate between the customer's designated premises.
- Channel protection may not be available for all interface types. N.
- Conversion from SBC MON (point-to-point) Service to SBC MON Ring Service is not available.
- P. Conversions from any other lower speed services to SBC MON Ring Service are not available.
- Where conditions, equipment, and facilities permit, the customer must first order the MON Ring Transport System followed by the MON Ring Channels. When ordering riding services, the customer must first order the MON Ring Transport System, followed by a MON Ring Channel Sub-Rate System over which these services will be assigned. When riding services are ordered on a Sub-Rate System, they are represented by different rate elements than those services ordered directly on the MON ring.
- R. Neither electrical interfaces nor optical add/drop multiplexing are available with this service.
- OC-12/OC-12c, Gigabit Ethernet, Fibre Channel (1.0625 Gbps) and FICON<sup>TM</sup> (1.0625 Gbps) can be ordered directly on MON Ring, or as a riding service on a sub-rate system. Fibre Channel (2.125 Gbps) and FICON<sup>TM</sup> (2.125 Gbps) can only be ordered directly on MON Ring, and cannot be ordered on a sub-rate system. OC-12, Gigabit Ethernet, Fibre Channel (1.0625) Gbps) and FICON<sup>TM</sup> (1.0625 Gbps) when ordered on a sub-rate system, are represented by different rate elements than those ordered directly on the MON Ring.

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> By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri







Digital Link Services Tariff
Section 23
2nd Revised Sheet 6
Replacing 1st Revised Sheet 6

## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

## 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

## 23.1.3 Regulations (cont'd)

- K. Prior to confirming an order for service, the Company will provide a proposed route diagram to the customer.
- L. Installation of service will not begin until the customer has accepted the proposed routing by the Company.
- M. Services with time-delay sensitive protocols have facility length limitations and may affect the design/availability of SBC MON Ring Service, (e.g., CPU to CPU communications have a maximum distance limitation of 60 km.). The Company will work cooperatively with the customer to determine if the desired services can operate between the customer's designated premises.

(RT)

- (FC) N. Channel protection may not be available for all interface types.
- (FC) O. Conversion from SBC MON (point-to-point) Service to SBC MON Ring Service is not available.
- (FC) P. Conversions from any other lower speed services to SBC MON Ring Service are not available.
- (FC) Q. The customer must first order the MON Ring Transport System followed by the MON Ring Channels. When ordering ESCON<sup>TM</sup>, Fast Ethernet, D1 Video and OC-3/OC-3c ports, the customer must first order a MON Ring Channel Sub-Rate System or a ESCON<sup>TM</sup> Sub-Rate System over which these services will be assigned.
- (FC) R. Neither electrical interfaces nor optical add/drop multiplexing are available with this service.
- (AT)
  S. OC-12/OC-12c, Gigabit Ethernet, Fibre Channel (1.0625 Gbps) and FICON<sup>TM</sup> (1.0625 Gbps) can be ordered directly on MON Ring, or as a riding service on a sub-rate system. Fibre Channel (2.125 Gbps) and FICON<sup>TM</sup> (2.125 Gbps) can only be ordered directly on MON Ring, and cannot be ordered on a sub-rate system. OC-12, Gigabit Ethernet, Fibre Channel (1.0625 Gbps) and FICON<sup>TM</sup> (1.0625 Gbps) when ordered on a sub-rate system, are represented by different rate elements than those ordered directly on the MON Ring.

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Digital Link Services Tariff
Section 23
1st Revised Sheet 6
Replacing Original Sheet 6

SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

REC'D JAN 16 2004

23.1.3 Regulations (cont'd)

Service Commission

- K. Prior to confirming an order for service, the Company will provide a proposed route diagram to the customer.
- L. Installation of service will not begin until the customer has accepted the proposed routing by the Company.
- M. Services with time-delay sensitive protocols have facility length limitations and may affect the design/availability of SBC MON Ring Service, (E.g., CPU to CPU communications have a maximum distance limitation of 60 km.). The Company will work cooperatively with the customer to determine if the desired services can operate between the customer's designated premises.
- N. OC-192/OC-192c and 10 Gbps WAN-PHY services will be available on rings that offer only those services. SBC MON Ring Service will not offer both lower rate services (up to 2.5 Gbps) and 10 Gbps or OC-192/OC-192c services on the same ring.
- O. Channel protection may not be available for all interface types.
- P. Conversion from SBC MON (point-to-point) Service to SBC MON Ring Service is not available.
- Q. Conversions from any other lower speed services to SBC MON Ring Service are not available.
- R. The customer must first order the MON Ring Transport System followed by the MON Ring Channels. When ordering ESCONTM, Fast Ethernet, D1 Video and OC-3/OC-3c ports, the customer must first order a MON Ring Channel Sub-Rate System or a ESCON<sup>TM</sup> Sub-Rate System over which these services will be assigned.
- S. Neither electrical interfaces nor optical add/drop multiplexing are available with this service.

CANCELLED

JUN 0 7 2004

Public Service Commission

Issued: January 16, 2004

(AT)

Effective: February 17, 2004

By CINDY BRINKLEY, President-SBC Missouri
Southwestern Bell Telephone, L.P., d/b/a SBC Missouri
St. Louis, Missouri

Missouri Public Sorvies Commission

FILED FEB 17 200A

Digital Link Services Tariff
Section 23

SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICED JAN 23 2003

## 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 23.1.3 Regulations (cont'd)

- K. Prior to confirming an order for service, the Company will provide a proposed route diagram to the customer.
- L. Installation of service will not begin until the customer has accepted the proposed routing by the Company.
- M. Services with time-delay sensitive protocols have facility length limitations and may affect the design/availability of SBC MON Ring Service, (E.g., CPU to CPU communications have a maximum distance limitation of 60 km.). The Company will work cooperatively with the customer to determine if the desired services can operate between the customer's designated premises.
- N. OC-192/OC-192c and 10 Gbps WAN-PHY services will be available on rings that offer only those services. SBC MON Ring Service will not offer both lower rate services (up to 2.5 Gbps) and 10 Gbps or OC-192/OC-192c services on the same ring.
- O. Channel protection may not be available for all interface types.
- P. Conversion from SBC MON (point-to-point) Service to SBC MON Ring Service is not available.
- Q. Conversions from any other lower speed services to SBC MON Ring Service are not available.
- R. The customer must first order the MON Ring Transport System followed by the MON Ring Channels. When ordering ESCONTM, Fast Ethernet, D1 Video and OC-3/OC-3c ports, the customer must first order a MON Ring Channel Sub-Rate System over which these services will be assigned.
- S. Neither electrical interfaces nor optical add/drop multiplexing are available with this service.

CANCELLED

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Public Service Commission

Issued: January 23, 2003

Effective: February 22, 2003

By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Comparable
St. Louis, Missouri

FILED FEB 22 2003

(CT)

(CT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Services Tariff Section 23 3rd Revised Sheet 7 Replacing 2nd Revised Sheet 7

## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

## 23.1.4 Allowance for Interruptions

A credit allowance will be given for interruptions of service. An interruption of service will start when an inoperative service is reported to the Company and end when the service is operative.

Any protected service interruption of greater than 2 consecutive seconds as a result of a failure on the protected portion of the circuit will result in a credit equal to one month's bill for the individual port-to-port connections involved.

If the interruption occurs on an unprotected portion of the circuit, normal terms and conditions for Credit Allowances as stated in Paragraph 1.4.8 of the Private Line Service Tariff will apply.

In any month, as a result of an interruption, the total credit per rate element of the interrupted service may not exceed 100 percent of the monthly charge for that particular rate element.

#### 23.1.5 Provision of Service

#### 23.1.5.1 Standard Configurations

MON Ring Service is available in different ring configurations utilizing Central Office Nodes and Customer Premises Nodes. The total number of circuits and total usable bandwidth to the customer depends upon the mix of services ordered and the specific traffic patterns of the customer. The company will determine the appropriate wavelength assignment and the design of the MON Ring.

The minimum configuration would be two nodes either at a serving wire center or a customer premise site. If the nodes are not in a serving wire center, a central office management site for monitoring is required. An optical amplifier located at a serving wire center can be used as a monitoring site.

A combination of these configurations may be used in a network design depending on the customer's traffic pattern.

Effective: November 30, 2005 Issued: October 31, 2005

By CINDY BRINKLEY, President-SBC Missouri

Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Digital Link Services Tariff
Section 23
2nd Revised Sheet 7
Replacing 1st Revised Sheet 7

#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 23.1.4 Allowance for Interruptions

A credit allowance will be given for interruptions of service. An interruption of service will start when an inoperative service is reported to the Company and end when the service is operative.

Any protected service interruption of greater than 2 consecutive seconds as a result of a failure on the protected portion of the circuit will result in a credit equal to one month's bill for the individual port-to-port connections involved.

If the interruption occurs on an unprotected portion of the circuit, normal terms and conditions for Credit Allowances as stated in Paragraph 1.4.8 of the Private Line Service Tariff will apply.

In any month, as a result of an interruption, the total credit per rate element of the interrupted service may not exceed 100 percent of the monthly charge for that particular rate element.

#### 23.1.5 Provision of Service

## 23.1.5.1 Standard Configurations

(AT) (AT) SBC MON Ring Service is available in different ring configurations utilizing Central Office Nodes and Customer Premises Nodes, with a maximum of 8 sites and/or 40 shelves. A shelf consists of up to 4 protected or up to 8 unprotected wavelengths (bands). Two shelves may be placed in one physical shelf chassis.

The minimum configuration would be two nodes either at a serving wire center or a customer premise site. If the nodes are not in a serving wire center, a central office management site for monitoring is required. An optical amplifier located at a serving wire center can be used as a monitoring site.

# **CANCELLED**

November 30, 2005

A combination of these configurations may be used in a network design depending on the customer's traffic pattern.

# MISSOURI PUBLIC SERVICE COMMISSION

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Digital Link Services Tariff Section 23 1st Revised Sheet 7 Replacing Original Sheet 7

SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

## 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

## Missouri Public Service Commission

#### 23.1.4 Allowance for Interruptions

**REC'D APR 04 2003** 

A credit allowance will be given for interruptions of service. An interruption of service will start when an inoperative service is reported to the Company and end when the service is operative.

(AT)

Any protected service interruption of greater than 2 consecutive seconds as a result of a failure on the protected portion of the circuit will result in a credit equal to one month's bill for the individual port-to-port connections involved.

(CT)

If the interruption occurs on an unprotected portion of the circuit, normal terms and conditions for Credit Allowances as stated in Paragraph 1.4.8 of the Private Line Service Tariff will apply.

In any month, as a result of an interruption, the total credit per rate element of the interrupted service may not exceed 100 percent of the monthly charge for that particular rate element.

#### 23.1.5 Provision of Service

#### 23.1.5.1 Standard Configurations

SBC MON Ring Service is available in different ring configurations utilizing Central Office Nodes and Customer Premises Nodes, with a maximum of 8 sites and/or 40 shelves.

The minimum configuration would be two nodes either at a serving wire center or a customer premise site. If the nodes are not in a serving wire center, a central office management site for monitoring is required. An optical amplifier located at a serving wire center can be used as a monitoring site.

A combination of these configurations may be used in a network design depending on the customer's traffic pattern.

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Issued: April 4, 2003

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Effective: May 4, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Service Commission

FILED MAY 04 2003

Digital Link Services Tariff
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Original Sheet 7
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SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

**REGD JAN 23** 2003

#### 23.1.4 Allowance for Interruptions

A credit allowance will be given for interruptions of service. An interruption of service will start when an inoperative service is reported to the Company and end when the service is operative.

Any protected service interruption as a result of a failure on the protected portion of the circuit will result in a credit equal to one month's bill for the circuits involved.

If the interruption occurs on an unprotected portion of the circuit, normal terms and conditions for Credit Allowances as stated in Paragraph 1.4.8 of the Private Line Service Tariff will apply.

In any month, as a result of an interruption, the total credit per rate element of the interrupted service may not exceed 100 percent of the monthly charge for that particular rate element.

#### 23.1.5 Provision of Service

#### 23.1.5.1 Standard Configurations

SBC MON Ring Service is available in different ring configurations utilizing Central Office Nodes and Customer Premises Nodes, with a maximum of 8 sites and/or 40 shelves.

The minimum configuration would be two nodes either at a serving wire center or a customer premise site. If the nodes are not in a serving wire center, a central office management site for monitoring is required. An optical amplifier located at a serving wire center can be used as a monitoring site.

A combination of these configurations may be used in a network design depending on the customer's traffic pattern.

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Public Service Commission

Issued: January 23, 2003

Effective: February 22, 2003

By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

Missouri Public Service **Commiss**ion

FILED FEB 22 2003

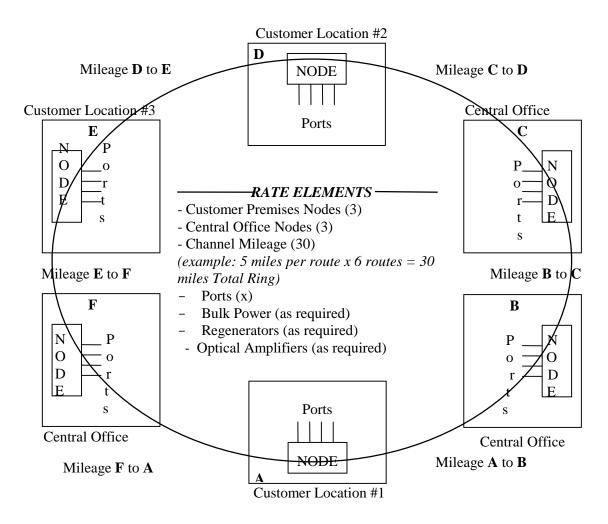
#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 23.1.5 Provision of Service (cont'd)

#### 23.1.5.1 Standard Configurations (cont'd)

#### **Diagram of MON Ring**



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Digital Link Services Tariff
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Replacing Original Sheet 9

## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 23.1.5 Provision of Service (cont'd)

#### 23.1.5.2 Route Diversity

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(CT)

(CT)

- SBC MON Ring Service is configured with diversely routed fiber whenever possible. SBC MON Ring Service will be available for protected channels 99.999% of the time and protected channels will switch within 50 milliseconds (not to exceed 2 seconds). Equipment interfaces towards the customer are not protected. Unprotected channels will be lost in the event of a fiber path failure on which the circuit is assigned.
- Routing of fiber may be diversified from the customer's property line to their serving wire center or alternate serving wire center as determined by the Company, and where facilities are available, to ensure that loop fibers follow separate paths to the serving wire center or alternate serving wire center. Interoffice facility (IOF) fiber paths may be diversely routed between serving wire centers or alternate serving wire centers. In addition, IOF fiber (if applicable) paths may be diversified to ensure that with any serving wire center Central Office Node, the fibers do not egress and ingress at the same point. In cases where the serving wire center does not have multiple entrance fiber facilities, the section of the fiber from the closest manhole (to the serving wire center) will be routed within the same duct structure.
- At the customer's request, additional protection to the Customer Premises Nodes can be provided via dual entrance facilities. This special request may cause the customer to incur special construction cost. Without this special request, diverse fiber is provided to the closest manhole to the customer location property line. The customer or building owner is responsible for providing conduit designed to meet industry standards and local fire and safety codes from the property line to the building to within the premises. The customer determines the route and method of protection inside the premises.
- In the case where dual entrance facilities are not established at the customer premises, facilities routed within the same duct structure from the property line to the building equipment location are not diverse.

Issued: June 23, 2003 Effective: July 23, 2003



Digital Link Services Tariff Section 23

Missoum Public Service Commission

SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE JAN 23 2003

## 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

#### 23.1.5 Provision of Service (cont'd)

#### 23.1.5.2 Route Diversity

- SBC MON Ring Service is configured with diversely routed fiber whenever possible.
   SBC MON Ring Service will be available 99.995% of the time and protected channels will switch within 50 milliseconds (not to exceed 2 seconds). Unprotected channels will be lost in the event of a fiber path failure on which the circuit is assigned. Equipment interfaces towards the customer are not protected.
- Routing of fiber may be diversified from the customer's property line to their serving wire center or alternate serving wire center as determined by the Company, and where facilities are available, to ensure that loop fibers follow separate paths to the serving wire center or alternate serving wire center. Interoffice facility (IOF) fiber paths may be diversely routed between serving wire centers or alternate serving wire centers. In addition, IOF fiber (if applicable) paths may be diversified to ensure that with any serving wire center Central Office Node, the fibers do not egress and ingress at the same point. In cases, where the serving wire center does not have multiple entrance fiber facilities, the section of the fiber from the closest manhole (to the serving wire center) will be routed within the same duct structure.
- At the customer's request, additional protection to the Customer Premises Nodes can be provided via dual entrance facilities. This special request may cause the customer to incur special construction cost. Without this special request, diverse fiber is provided to the closest manhole to the customer location property line. The customer or building owner is responsible for providing conduit designed to meet industry standards and local fire and safety codes from the property line to the building to within the premises. The customer determines the route and method of protection inside the premises.
- In the case where dual entrance facilities are not established at the customer premises, facilities routed within the same duct structure from the property line to the building equipment location are not diverse.

Issued: January 23, 2003

Effective: February 22, 2003

By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

Missouri Public Service Commission

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No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 23
2nd Revised Sheet 10
Replacing 1st Revised Sheet 10

## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

## 23.1.6 Technical Specifications

The customer interfaces to SBC MON Ring Service are as specified in:

Subject	Technical Reference
Ameritech LAN Interconnect Service - Token Ring Interface Codes	AM-TR-NIS-000100
Ameritech LAN Interconnect Service - CSMA/CD Interface Specifications	AM TR-NIS-000104
Ameritech OC-3, OC-12, OC-48 and OC-192 Service	AM-TR-NIS-000111
Interface Specifications Ameritech Digital Service Transmission	AM-TR-TMO-000101
Parameters Ameritech Service's Network Channel and	AM-TR-TMO-000080
Network Channel Interface Codes Ameritech Technical Interface Specifications	AM-TR-NIS-000096
(ESCON <sup>TM</sup> ) IBM Documentation (ESCON <sup>TM</sup> )	AM-TR-NIS-000107 IBM SA22-7202-XX
Fibre Channel	IBM SA23-0394-XX ANSI X3.T9.3
(also includes FICON <sup>TM</sup> and ISC <sup>TM</sup> )	
Fast Ethernet	ANSI/IEEE 802.3
GigaBit Ethernet	IEEE 802.3x and z IEEE 802.3ae
D1 Video	ANSI/SMPTE 259M

The Technical References can be obtained from:

SBC at

www.sbc.com/public affairs/regulatory documents/tariffs /1,5932,448,00.html?pid=240

The Telcordia Technologies Research Publication(s) can be obtained from:

Telcordia Technologies 8 Corporate Place Piscataway, New Jersey 08854

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Digital Link Services Tariff Section 23 1st Revised Sheet 10 Replacing Original Sheet 10

SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE
MISSOURI Public
COURTION AND ADDITION OF SERVICES (cont'd)
Service Commission

23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

23.1.6 Technical Specifications

**REC'D** APR **04** 2003

The customer interfaces to SBC MON Ring Service are as specified in:

Subject	Technical Reference
Ameritech LAN Interconnect Service - Token Ring Interface Codes	AM-TR-NIS-000100
Ameritech LAN Interconnect Service - CSMA/CD	AM TR-NIS-000104
Interface Specifications	
Ameritech OC-3, OC-12, OC-48 and OC-192 Service	AM-TR-NIS-000111
Interface Specifications	
Ameritech Digital Service Transmission	AM-TR-TMO-000101
Parameters	4.1.4 TD T1.40 000000
Ameritech Service's Network Channel and	AM-TR-TMO-000080
Network Channel Interface Codes	ANA TED NITE AAAAAA
Ameritech Technical Interface Specifications	AM-TR-NIS-000096
(ESCON <sup>TM</sup> )	AM-TR-NIS-000107
IBM Documentation (ESCON <sup>TM</sup> )	IBM SA22-7202-XX IBM SA23-0394-XX
Fibre Channel	ANSI X3.T9.3
(also includes FICON <sup>TM</sup> and ISC <sup>TM</sup> )	ANGI AJ.17.J
Fast Ethernet	ANSI/IEEE 802.3
1 451 = 411511111	IEEE 802.3x and z
GigaBit Ethernet	IEEE 802.3ae
D1 Video	ANSI/SMPTE 259M
D1 71000	

The Technical References can be obtained from:

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www.sbc.com/public affairs/regulatory documents/tariffs /1,5932,448,00.html?pid=347

The Telcordia Technologies Research Publication(s) can be obtained from:

Telcordia Technologies 8 Corporate Place

Piscataway, New Jersey 08854

Issued: April 4, 2003

Effective: May 4, 2003

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

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Digital Link Services Tariff Section 23

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SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE JAN 23 2003

23.1 DESCRIPTION AND APPLICATION OF SERVICES (cont'd)

## 23.1.6 Technical Specifications

The customer interfaces to SBC MON Ring Service are as specified in:

Subject	Technical Reference
Ameritech LAN Interconnect Service - Token Ring Interface Codes	AM-TR-NIS-000100
Ameritech LAN Interconnect Service - CSMA/CD Interface Specifications	AM TR-NIS-000104
Ameritech OC-3, OC-12, OC-48 and OC-192 Service Interface Specifications	AM-TR-NIS-000111
Ameritech Digital Service Transmission Parameters	AM-TR-TMO-000101
Ameritech Service's Network Channel and Network Channel Interface Codes	AM-TR-TMO-000080
Ameritech Technical Interface Specifications (ESCON <sup>TM</sup> )	AM-TR-NIS-000096 AM-TR-NIS-000107
IBM Documentation (ESCON <sup>™</sup> )	IBM SA22-7202-XX IBM SA23-0394-XX
Fibre Channel	ANSI X3.T9.3
(also includes FICON <sup>TM</sup> and ISC <sup>TM</sup> ) Fast Ethernet	ANSI/IEEE 802.3
GigaBit Ethernet	IEEE 802.3x and z IEEE 802.3ae
D1 Video	ANSI/SMPTE 259M

The Technical Reference can be obtained from:

APEx Help Desk (847) 248-5324

The Telcordia Technologies Research Publication(s) can be obtained in the Telcordia Technologies Research Publication (s) can be obtained in the Telcordia Technologies Research Publication (s) can be obtained in the Telcordia Technologies Research Publication (s) can be obtained in the Telcordia Technologies Research Publication (s) can be obtained in the Telcordia Technologies Research Publication (s) can be obtained in the Telcordia Technologies Research Publication (s) can be obtained in the Telcordia Technologies Research Publication (s) can be obtained in the Telcordia Technologies Research Publication (s) can be obtained in the Telcordia Telc

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Missouri Public Service Commission

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Digital Link Services Tariff Section 23 Original Sheet 11

## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.2 RATE CONFIGURATION

#### 23.2.1 General

There are eight basic rate elements which may apply to SBC MON Ring Service:

- Nonrecurring Charges
- Customer Premises Node
- Central Office Node
- Channel Mileage
- Optical Amplifier
- Regenerators
- Bulk Power
- Ports

## 23.2.2 Nonrecurring Charges

#### 23.2.2.1 General

Nonrecurring Charges are one-time charges that apply for specific work activities (i.e., installation of new service, moves and rearrangements of installed services). There are three different Nonrecurring Charges: Administrative Charge, Design and Central Office Connection Charge and Customer Connection Charge.

- The Administrative Charge applies any time a customer initiates an order for service. This charge applies once per service order.
- The Design and Central Office Connection Charge applies to each service installed, and is charged once per each riding circuit.
- The Customer Connection Service Establishment Charge applies to establish the MON Ring network, and is charged per node. Subsequent Installation charges apply to each subsequent shelf installed after the MON Ring Network is established.

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#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.2 RATE CONFIGURATION (cont'd)

#### 23.2.2 Nonrecurring Charges (cont'd)

#### 23.2.2.2. Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements or a change in the physical location of the point of termination at a customer premises, and will be charged as follows

- If changing the customer of record, the Administrative Charge will apply. For the change of customer of record to be treated as a service rearrangement, the new customer must assume liability for both current and prior charges for the service.
- For all other changes not requiring physical work at the central office or customer premises, including a change in the customer assigned circuit identification or billing account number (when initiated by the customer), the Administrative Charge will
- For all other service rearrangements requiring physical work to be performed, the Administrative Charge will apply. Additionally, one Design and Central Office Connection Charge and/or one Customer Connection Charge will apply.

#### 23.2.2.3 Cancellation of Application for Service

- When an applicant cancels an order for service, other than those provided by Special Construction:
  - Prior to the issuance of an order, no charges apply.
  - After the issuance of an order, Nonrecurring Charges apply as follows:
    - Canceled before the Record Issue Date (RID), the Administrative Charge applies.
    - Canceled on or after the RID, but before the Plant Test Date (PTD), the Administrative Charge and the Design and Central Office Connection Charge apply.
    - Canceled on or after the PTD, the Administrative Charge, Design and Central Office Connection Charge and Customer Connection Charge apply.

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#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.2 RATE CONFIGURATION (cont'd)

#### 23.2.2 Nonrecurring Charges (cont'd)

## 23.2.2.3 Cancellation of Application for Service (cont'd)

- When an applicant cancels an order for service involving Special Construction;
  - Prior to the issuance of an order, no charges apply.
  - After the issuance of an order, but prior to the start of construction, all Nonrecurring Charges associated with the design of the Special Construction and the Administrative Charge will apply.
  - After construction has begun;
    - If there is another requirement for the specially constructed facilities, the Administrative Charge, Design and Central Office Connection Charge, and the Customer Connection Charge will apply.
    - If there is no other use for the specially constructed facilities, a charge equal to all the costs incurred in the special construction (including overheads), less net salvage, applies in addition to the Administrative Charge, Design and Central Office Connection Charge, and the Customer Connection Charge.

Note: Installation or special construction of facilities for a customer starts when the Company incurs any expense in connection therewith which would not otherwise have been incurred and the customer has advised the Company to proceed with the installation or special construction.

#### 23.2.3 Customer Premises Node

Provides for the termination of service at the customer's premises and presents the various selected ports to the customer. Applies per customer-designated premises, per first shelf and subsequent shelves.

#### 23.2.4 Central Office Node

Provides for the termination of service at a Company serving wire center. Applies per first shelf and subsequent shelves.

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#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.2 RATE CONFIGURATION (cont'd)

#### 23.2.5 Channel Mileage

Provides for the total airline distance between the serving wire center of each node involved on the MON Ring. The mileage measurement is developed utilizing the V&H coordinate method as set forth in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff, FCC 4. A one-mile minimum will be billed between nodes. A two-node ring configuration has a two-mile minimum, one mile from the Central Office Node to the Customer Premises Node, and one mile from the Customer Premises Node to the Central Office Node.

#### 23.2.6 Optical Amplifier

Provides for an optical signal boost if the distance between nodes exceeds the transmission loss parameters (link loss specific). Additional optical amplifiers may be required per location with certain circuit configurations. Optical amplifiers may be located at a Customer Premises Node, a Central Office Node, or at a serving wire center.

#### 23.2.7 Regenerator

Provides for re-timing, re-shaping and regeneration of the signal level for up to 2.5 Gbps service (on a per shelf basis), or 10 Gbps Ethernet service (on a per circuit, per each location the circuit is regenerated basis), if degradation exceeds the dispersion and/or Optical Amplifier noise limits.

#### 23.2.8 Bulk Power

Provides for customer premises node power which will be required if the customer's power source is AC. Applies once per each four shelves, with the first shelf and fifth subsequent shelf at each applicable Customer Premises Node.

#### 23.2.9 Port

Provides for the channel interface at any node location for each unprotected or protected channel. Applies per port/per circuit terminating location.

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SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

### 23.2 RATE CONFIGURATION (cont'd)

**RECD JAN 23 2003** 

#### 23.2.5 Channel Mileage

Provides for the total airline distance between the serving wire center of each node involved on the MON Ring. The mileage measurement is developed utilizing the V&H coordinate method as set forth in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff, FCC 4. A one-mile minimum will be billed between nodes. A two-node ring configuration has a two-mile minimum, one mile from the Central Office Node to the Customer Premises Node, and one mile from the Customer Premises Node to the Central Office Node.

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#### 23.2.9 Port

Provides for the channel interface at any node location for each unprotected or protected channel. Applies per port/per circuit terminating location.

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Digital Link Services Tariff Section 23 Original Sheet 15

## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.3 RATE AND CHARGES

#### 23.3.1 Nonrecurring Charges

	<u>USOC</u>	Nonrecurring Charge
Administrative Charge - per service order	ORCMX	ICB
Design and Central Office Connection Charge - per circuit	NRBCL	ICB
Customer Connection Charge		
<ol> <li>Service Establishment</li> <li>per node</li> <li>Subsequent Installation</li> </ol>	NRBBL	ICB
- per subsequent shelf	NHCNL	ICB

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## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.3 RATES AND CHARGES (cont'd)

## 23.3.2 Recurring Rates

	MON Ring Transport System	<u>USOC</u>	Monthly Rate
	Customer Premises Node (includes first shelf)	F2ND1	ICB
	- per subsequent shelf	F2NDS	ICB
	Central Office Node (includes first shelf)	F2NC1	ICB
	- per subsequent shelf	F2NCS	ICB
	Channel Mileage - per V&H mile or fraction thereof	1L5XX	ICB
	Optical Amplifier (as required) - C band (per location)	67QXX	ICB
(AT)	- L band (per location) (1)	67QSX	ICB
	Regenerator (as required) - up to 2.5 Gbps (per shelf)	V8RXX	ICB
	- up to 10 Gbps (per circuit, per each location)	V8R2C	ICB
	Bulk Power (as required) - per first shelf (shelves 1-4)	CBVDX	ICB
	- per subsequent shelf (shelves 5-8)	CBVDS	ICB

(1) Available where facilities and equipment permit.

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## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.3 RATES AND CHARGES (cont'd)

### 23.3.2 Recurring Rates

	MON Ring Transport System	<u>USOC</u>	Monthly Rate
	Customer Premises Node (includes first shelf)	F2ND1	ICB
(CT)	- per subsequent shelf	F2NDS	ICB
	Central Office Node (includes first shelf)	F2NC1	ICB
	- per subsequent shelf	F2NCS	ICB
	Channel Mileage - per V&H mile or fraction thereof	1L5XX	ICB
	Optical Amplifier (as required) - C band (per location)	67QXX	ICB
	- L band (per location)	67QSX	ICB
	Regenerator (as required) - up to 2.5 Gbps (per shelf)	V8RXX	ICB
(AT)	- up to 10 Gbps (per circuit, per each location)	V8R2C	ICB
	Bulk Power (as required) - per first shelf (shelves 1-4)	CBVDX	ICB
	- per subsequent shelf (shelves 5-8)	CBVDS	ICB

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SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

## 23.3 RATES AND CHARGES (cont'd)

RECD JAN 23 2003

#### 23.3.2 Recurring Rates

MON Ring Transport System	<u>USOC</u>	Monthly Rate
Customer Premises Node		
(includes first shelf)	F2ND1	ICB
- per subsequent shelf	F2NDS	ICB
Central Office Node		
(includes first shelf)	F2NCI	ICB
- per subsequent shelf	F2NCS	ICB
Channel Mileage		
- per V&H mile or fraction thereof	1L5XX	ICB
Optical Amplifier (as required)		
- C band (per location)	67QXX	ICB
- L band (per location)	67QSX	ICB
Regenerator (as required)		
- up to 2.5 Gbps (per shelf)	V8RXX	ICB
- up to 10 Gbps (per circuit)	V8R2C	ICB
Bulk Power (as required)		
- per first shelf (shelves 1-4)	CBVDX	ICB
- per subsequent shelf (shelves 5-8)	CBVDS	ICB

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#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

### 23.3 RATES AND CHARGES (cont'd)

## 23.3.2 Recurring Rates (cont'd)

	MON Ring Channels	<u>USOC</u>	Monthly Rate
	Ports - per port/per circuit terminating location		
(CT)	ETR/CLO <sup>TM</sup> - unprotected channel	POYKW	ICB
	FICON <sup>TM</sup> (1.0625 Gbps) - unprotected channel - protected channel	POYMW POYMP	ICB ICB
	FICON <sup>TM</sup> (2.125 Gbps) - unprotected channel - protected channel	POYWW POYWP	ICB ICB
(CT)	ISC-1 <sup>TM</sup> - unprotected channel - protected channel	POYJW POYJP	ICB ICB
(AT)	ISC-3 <sup>TM</sup> - unprotected channel - protected channel	POY9W POY9P	ICB ICB
	Fibre Channel (1.0625 Gbps) - unprotected channel - protected channel	POYNW POYNP	ICB ICB
	Fibre Channel (2.125 Gbps) - unprotected channel - protected channel	POYYW POYYP	ICB ICB
(MT)			

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#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.3 RATES AND CHARGES (cont'd)

	23.3.2	Recurring Rates (cont'd)  MON Ring Channels	<u>USOC</u>	Monthly Rate
		Ports - per port/per circuit terminating location		
		ETR <sup>TM</sup> - unprotected channel	POYKW	ICB
		FICON <sup>TM</sup> (1.0625 Gbps) - unprotected channel - protected channel	POYMW POYMP	ICB ICB
		FICON <sup>TM</sup> (2.125 Gbps) - unprotected channel - protected channel	POYWW POYWP	ICB ICB
		ISC <sup>TM</sup> - unprotected channel	POYJW	ICB
(CT) (CT)		Fibre Channel (1.0625 Gbps) - unprotected channel - protected channel	POYNW POYNP	ICB ICB
		Fibre Channel (2.125 Gbps) - unprotected channel - protected channel	POYYW POYYP	ICB ICB
		Gigabit Ethernet - unprotected channel - protected channel	POYLW POYLP	ICB ICB
		<ul><li>10 Gigabit Ethernet (WAN PHY)</li><li>unprotected channel</li><li>protected channel</li></ul>	POYTW Poytp	ICB ICB
(NR)   (NR)		10 Gigabit Ethernet (LAN-PHY) - unprotected channel - protected channel	POYUW Poyup	ICB ICB

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SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE
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## 23.3 RATES AND CHARGES (cont'd)

## 23.3.2 Recurring Rates (cont'd)

MON Ring Channels	<u>USOC</u>	Monthly Rate
Ports - per port/per circuit terminating location		
ETR™		
- unprotected channel	POYKW	ICB
FICON™ (1.0625 Gbps)		
- unprotected channel	POYMW	ICB
- protected channel	POYMP	ICB
THE COLUMN COLUM		
FICON <sup>™</sup> (2.125 Gbps)	POYWW	iCB
- unprotected channel	POYWP	ICB ICB
- protected channel	IOIWI	Ю
ISC <sup>TM</sup>		
- unprotected channel	POYJW	ICB
F1		
Fibre Channel (1.0625 Gbps)	POYNP	ICB
<ul><li>unprotected channel</li><li>protected channel</li></ul>	POYNW	ICB
- protected chainer	1011111	ICB
Fibre Channel (2.125 Gbps)		
- unprotected channel	POYYW	ICB
- protected channel	POYYP	ICB
Circlest Ethomos		
Gigabit Ethernet - unprotected channel	POYLW	ICB
- protected channel	POYLP	ICB
- protected challier	10121	102
10 Gigabit Ethernet (WAN PHY)		
- unprotected channel CANCELLED	POYTW	ICB
- protected channel	POYTP	ICB

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Monthly Rate

#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

**USOC** 

### 23.3 RATES AND CHARGES (cont'd)

MON Ring Channels

## 23.3.2 Recurring Rates (cont'd)

	Work King Chamicis	<u>050C</u>	wonting Rate
	Ports (cont'd) - per port/per circuit terminating location		
(MT)	Gigabit Ethernet - unprotected channel - protected channel	POYLW POYLP	ICB ICB
	<ul><li>10 Gigabit Ethernet (WAN PHY)</li><li>unprotected channel</li><li>protected channel</li></ul>	POYTW POYTP	ICB ICB
(MT)	<ul><li>10 Gigabit Ethernet (LAN-PHY)</li><li>unprotected channel</li><li>protected channel</li></ul>	POYUW POYUP	ICB ICB
	SONET OC-12/OC-12c - unprotected channel - protected channel	POYFW POYEP	ICB ICB
(AT)	SONET OC-48/OC-48c (1) - unprotected channel - protected channel	POYGW POYGP	ICB ICB
	SONET OC-192/OC-192c - unprotected channel - protected channel	POYOW POYOP	ICB ICB
(MT)			

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#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.3 RATES AND CHARGES (cont'd)

	23.3.2	Recurring Rates (cont'd) MON Ring Channels	<u>USOC</u>	Monthly Rate
		-	<u> </u>	ivioniniy reace
		Ports (cont'd)		
		- per port/per circuit terminating location		
		SONET OC-12/OC-12c		
		- unprotected channel	POYFW	ICB
		- protected channel	POYEP	ICB
		SONET OC-48/OC-48c		
		- unprotected channel	POYGW	ICB
		- protected channel	POYGP	ICB
		SONET OC-192/OC-192c		
		- unprotected channel	POYOW	ICB
		- protected channel	POYOP	ICB
		Sub-Rate System		
		- unprotected channel	POYSW	ICB
		- protected channel	POYSP	ICB
		ESCON <sup>TM</sup> (1)		
		- unprotected channel	POYHW	ICB
		- protected channel	POYHP	ICB
(CT)		Foot Ethomat (2)		
(CT)		Fast Ethernet (2) - unprotected channel	POYCW	ICB
		- protected channel	POYCP	ICB
		•	10101	162
(MT)		D1 Video (2)		
		<ul> <li>unprotected channel</li> </ul>	POYVW	ICB
		- protected channel	POYVP	ICB
		SONET OC-3/OC-3c (2)		
		- unprotected channel	POYEW	ICB
(MT)		- protected channel	POYEP	ICB
		ilable only when ordered with Sub-Rate System		Rate System.
	(2) Ava	ilable only when ordered with Sub-Rate Systen	n.	

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#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

### 23.3 RATES AND CHARGES (cont'd)

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112 2 1	Recurring	Laton (	000010	٠

MON Ring Channels USOC RECT JAN 1 6 2004 Monthly Rate

Ports (cont'd)

Service Commission

- per port/per circuit terminating location

SONET OC-12/OC-12c

- unprotected channel POYFW **ICB** protected channel **POYEP ICB** 

SONET OC-48/OC-48c

unprotected channel **POYGW ICB** protected channel **POYGP ICB** 

SONET OC-192/OC-192c

unprotected channel **ICB** POYOW protected channel **POYOP ICB** 

Sub-Rate System

unprotected channel **POYSW ICB** protected channel **POYSP ICB** 

ESCON<sup>TM</sup> (1)

unprotected channel **ICB POYHW** POYHP **ICB** 

protected channel

Fast Ethernet (2)

- unprotected channel CANCELLED

**ICB POYCW ICB POYCP** 

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(1) Available only when ordered with Sub-Rate System or ESCON<sup>™</sup> Sub-Rate System. (AT)

(CT) (2) Available only when ordered with Sub-Rate System.

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SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

23.3 RATES AND CHARGES (cont'd)

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## 23.3.2 Recurring Rates (cont'd)

MON Ring Channels	<u>USOC</u>	Monthly Rate
Ports (cont'd)		
- per port/per circuit terminating location		
SONET OC-12/OC-12c		
- unprotected channel	POYFW	ICB
- protected channel	POYEP	ICB
SONET OC-48/OC-48c		
- unprotected channel	POYGW	ICB
- protected channel	POYGP	ICB
SONET OC-192/OC-192c		
- unprotected channel	POYOW	ICB
- protected channel	POYOP	ICB
Sub-Rate System		
- unprotected channel	POYSW	lCB
- protected channel	POYSP	ICB
ESCON <sup>™</sup> (1)		
- unprotected channel	POYHW	ICB
- protected channel	POYHP	ICB
Fast Ethernet (1)		
- unprotected channel	POYCW	ICB
- protected channel	POYCP	ICB

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#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

### 23.3 RATES AND CHARGES (cont'd)

## 23.3.2 Recurring Rates (cont'd)

MON Ring Channels	<u>USOC</u>	Monthly Rate
Ports (cont'd) - per port/per circuit terminating location		
GigE/FC/FICON <sup>TM</sup> Sub-Rate System - unprotected channel - protected channel	POY1W POY1P	ICB ICB
GigE Riding Circuit (1) - unprotected channel - protected channel	POY4W POY4P	ICB ICB
Fibre Channel (1.065 Gbps) Riding Circuit (1) - unprotected channel - protected channel	POY6W POY6P	ICB ICB
FICON <sup>TM</sup> (1.065 Gbps) Riding Circuit (1) - unprotected channel - protected channel	POY7W POY7P	ICB ICB

(MT)

(1) Available only when ordered with GigE/FC/FICON<sup>TM</sup> Sub-Rate System.

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#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

#### 23.3 RATES AND CHARGES (cont'd)

#### 23.3.2 Recurring Rates (cont'd)

	MON Ring Channels	<u>USOC</u>	Monthly Rate
(MT)	Ports (cont'd) - per port/per circuit terminating location		
	GigE/FC/FICON <sup>TM</sup> Sub-Rate System - unprotected channel - protected channel	POY1W POY1P	ICB ICB
(CT)	GigE Riding Circuit (1) - unprotected channel - protected channel	POY4W POY4P	ICB ICB
(CT)	Fibre Channel Riding Circuit (1) - unprotected channel - protected channel	POY6W POY6P	ICB ICB
(CT)	FICON <sup>TM</sup> Riding Circuit (1) - unprotected channel - protected channel	POY7W POY7P	ICB ICB
	ESCON <sup>TM</sup> Sub-Rate System - unprotected channel - protected channel	POY2W POY2P	ICB ICB
(NR)	OC-3/OC-12 Sub-Rate System - unprotected channel - protected channel	POY3W POY3P	ICB ICB
(NR)	OC-12 Riding Circuit (2) - unprotected channel - protected channel	POY5W POY5P	ICB ICB
(CT) (AT)	<ul><li>(1) Available only when ordered with GigE/FC/FICO!</li><li>(2) Available only when ordered with OC-3/OC-12 Su</li></ul>		ì. 

Issued: May 5, 2004 Effective: June 7, 2004

**CANCELLED** 

November 30, 2005

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri





23.3.2

Digital Link Services Tariff Section 23 1st Revised Sheet 19 Replacing Original Sheet 19

## SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

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(NR)

			MISSER
,	Recurring Rates (cont'd)		RECD JAN 1 6 2004
	MON Ring Channels	<u>USOC</u>	Monthly Rate
	Ports (cont'd) - per port/per circuit terminating location		Service Commission
	D1 Video (1) - unprotected channel - protected channel	POYVW POYVP	ICB ICB
	SONET OC-3/OC-3c (1) - unprotected channel - protected channel	POYEW POYEP	ICB ICB
	GigE/FC/FICON <sup>TM</sup> Sub-Rate System - unprotected channel - protected channel	POY1W POY1P	ICB ICB
	GigE Riding Circuit (2) - unprotected channel - protected channel	POY4W POY4P	ICB ICB

POY6W

POY6P

POY7W

POY7W

POY2W POY2P

(NR)

(1) Available only when ordered with Sub-Rate System.

(AT) (2) Available only when ordered with GigE/FC/FICON<sup>TM</sup> Sub-Rate System.

Fibre Channel Riding Circuit (2)

- unprotected channel.

protected channel

ESCON<sup>TM</sup> Sub-Rate System

unprotected channel

protected channel

FICON<sup>TM</sup> Riding Circuit (2)
- unprotected channel

- protected channel

Issued: January 16, 2004

Effective: February 17, 2004

**ICB** 

**ICB** 

ICB ICB

**ICB** 

**ICB** 

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

<sup>ni</sup> Missouri Public Service Commission

FILED FEB 17 2004

Digital Link Services Tariff Section 23 Original Sheet 19

SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE COMMISSION

23.3 RATES AND CHARGES (cont'd)

**RECD JAN 23 2003** 

23.3.2 Recurring Rates (cont'd)

.....

MON Ring Channels	<u>USOC</u>	Monthly Rate
Ports (cont'd) - per port/per circuit terminating location		
D1 Video (1) - unprotected channel - protected channel	POYVW POYVP	ICB ICB
SONET OC-3/OC-3c (1) - unprotected channel	POYEW	ICB
- protected channel	POYEP	ICB

CANCELLED

FEB 1 7 2004 **Public Service Commission** 

(1) Available only when ordered with Sub-Rate System.

Issued: January 23, 2003

Effective: February 22, 2003

By CINDY BRINKLEY, President-Missouri Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company St. Louis, Missouri

Missouri Public Service Commission

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Digital Link Services Tariff Section 23 Original Sheet 20

### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

### 23.3 RATES AND CHARGES (cont'd)

## 23.3.2 Recurring Rates (cont'd)

MON Ring Channels	<u>USOC</u>	Monthly Rate	
Ports (cont'd) - per port/per circuit terminating location			
ESCON <sup>TM</sup> (1) - unprotected channel - protected channel	PWY1W PWY1P	ICB ICB	
Fast Ethernet (1) - unprotected channel - protected channel	PWY2W PWY2P	ICB ICB	
D1 Video (1) - unprotected channel - protected channel	PWY3W PWY3P	ICB ICB	
DVB-ASI Video (1) - unprotected channel - protected channel	POY8W POY8P	ICB ICB	
SONET OC-3/OC-3c (1) - unprotected channel - protected channel	PWY4W PWY4P	ICB ICB	
OC-48 Sub-Rate System (1) - unprotected channel - protected channel	POYRW POYRP	ICB ICB	
OC-48 Riding Circuit (1) (2) - unprotected channel - protected channel	POYZW POYZP	ICB ICB	

- (1) Available only where facilities and equipment permit beginning November 30, 2005.
- (2) Available only when ordered with OC-48 sub-Rate System beginning November 30, 2005.

Issued: October 31, 2005 Effective: November 30, 2005

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff Section 23 Original Sheet 21

### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

### 23.3 RATES AND CHARGES (cont'd)

## 23.3.2 Recurring Rates (cont'd)

	MON Ring Channels	<u>USOC</u>	Monthly Rate
	Ports (cont'd) - per port/per circuit terminating location		
(MT)	Sub-Rate System (1) - unprotected channel - protected channel	POYSW POYSP	ICB ICB
	ESCON <sup>TM</sup> Riding Circuit (1)(2)(3) - unprotected channel - protected channel	POYHW POYHP	ICB ICB
	Fast Ethernet Riding Circuit (1)(2) - unprotected channel - protected channel	POYCW POYCP	ICB ICB
(MT)	<ul><li>D1 Video Riding Circuit (1)(2)</li><li>unprotected channel</li><li>protected channel</li></ul>	POYVW POYVP	ICB ICB
(AT)   (AT)	<ul><li>DVB-ASI Video Riding Circuit (1)(2)</li><li>unprotected channel</li><li>protected channel</li></ul>	PWY5W PWY5P	ICB ICB
(MT)(CT) (AT) (MT) (MT)	SONET OC-3/OC-3c Riding Circuit (1)(2)(4) - unprotected channel - protected channel	POYEW POYEP	ICB ICB

- (1) Available where facilities and equipment permit.
- (2) Available only when ordered with a Sub-Rate System.
   (3) Also available with ESCON<sup>TM</sup> Sub-Rate System.
- (4) Also available with SONET OC-3/OC-12 Sub-Rate System.

Issued: October 31, 2005 Effective: November 30, 2005

Digital Link Services Tariff Section 23 Original Sheet 22

#### SBC MULTI-SERVICE OPTICAL NETWORK RING (MON RING) SERVICE

### 23.3 RATES AND CHARGES (cont'd)

## 23.3.2 Recurring Rates (cont'd)

	MON Ring Channels	<u>USOC</u>	Monthly Rate
	Ports (cont'd) - per port/per circuit terminating location		
(MT)(CT)	ESCON <sup>TM</sup> Sub-Rate System (1) - unprotected channel - protected channel	POY2W POY2P	ICB ICB
(CT)	OC-3/OC-12 Sub-Rate System (1) - unprotected channel - protected channel	POY3W POY3P	ICB ICB
(CT) (MT)	OC-12/OC-12c Riding Circuit (1)(2) - unprotected channel - protected channel	POY5W POY5P	ICB ICB

- (1) Available where facilities and equipment permit.
- (2) Available only when ordered with OC-3/OC-12 Sub-Rate System.

Issued: October 31, 2005 Effective: November 30, 2005



Digital Link Services Tariff
Section 24
1st Revised Sheet 1
Replacing Original Sheet 1

## FIBREMAN<sup>SM</sup> SERVICE

#### 1. GENERAL DESCRIPTION

FibreMAN Service is a dedicated point-to-point service connecting customer's premises.

(AT) FibreMAN Service is based on the Fibre Channel protocol. FibreMAN Service provides transport of the customer's data between computer devices at a data rate of up to 2 Gbps (two billion bits per second). FibreMAN extends the connectivity between customer premise sites to enable storage connectivity between servers.

FibreMAN provides interconnection functionality which supports concurrent communications among workstations, mainframes, servers, data storage systems, and other peripherals.

FibreMAN will be offered in the metropolitan marketplace as a point-to-point, dedicated service. FibreMAN will provide connectivity between end user customer premise locations, and extends connectivity between customer premise sites to enable access between storage devices.

#### 2. REGULATIONS

In addition to the regulations contained in this tariff, the following regulations apply to FibreMAN.

- 2.1. This service is only available to customers in those LATAs served by and within the service territories of the Company.
- 2.2 The services provided for FibreMAN are primarily designed to meet the private line communications requirements of business customers, i.e., non-interexchange carriers.

SM FibreMAN is a service mark of SBC Communications, Inc.

Issued: March 15, 2005 Effective: April 15, 2005



Digital Link Services Tariff
Section 24
Missouri Public, Original Sheet 1

# FIBREMAN\*\* SERVICECO DEC 03 2003

#### 1. GENERAL DESCRIPTION

Service Commission
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- 2.2 The services provided for FibreMAN are primarily designed to meet the private line communications requirements of business customers, i.e., non-interexchange carriers.

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SM FibreMAN is a service mark of SBC Communications, Inc.

Issued: December 3, 2003

Effective: January 5, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

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FILED JAN 05 2004

Digital Link Services Tariff
Section 24
1st Revised Sheet 2
Replacing Original Sheet 2

## FIBREMAN<sup>SM</sup> SERVICE

#### 2. REGULATIONS (cont'd)

## 2.3. Allowance for Interruption

A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff or in the event that the protective controls applied by the Company result in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported to the Company and the Company confirms that continuity has been lost, and ends when the service is operative.

In case of an interruption to service, allowance for the period of interruption, if not due to the negligence of the customer or the customer's end user, shall be as follows: no credit shall be allowed for an interruption of less than 10 seconds. The customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 10/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues. The credit allowance(s) for service interruptions shall not exceed 100% of the applicable monthly rates.

(CT)

The Company's failure to provide or maintain services under this tariff shall be excused by force majeure events such as, but not limited to, an earthquake, hurricane, flood, fire, storms, tornadoes, explosion, lightning, power surges or failure, fiber cuts, strikes or labor disputes, acts of war, civil disturbances, acts of civil or military authorities or public enemy, governmental orders, civil commotion, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control.

#### 3. PROVISION OF SERVICE

- 3.1. The customer provided equipment (CPE) must deliver the data signals for FibreMAN transport within the industry specification for the subscribed data service.
- 3.2. FibreMAN provides physical layer transport only. The Company assumes no responsibility for the through transmission of signals by CPE, for the quality of or defects in such transmission, for the reception of signals by CPE, or address signaling to the extent addressing is performed by CPE. Error detection and correction of data generated by CPE is the customer's responsibility.
- 3.3 FibreMAN is designed to provide connectivity at the discrete bit rate of up to 2 Gigabits per second (Gbps). The service is considered interrupted when the customer reports to the Company and the Company confirms that continuity has been lost.

(MT)

Issued: March 15, 2005 Effective: April 15, 2005



Digital Link Services Tariff
Section 24
Original Sheet 2
Missouri Public

FIBREMAN<sup>SM</sup> SERVICE

REC'D DEC 03 2003

2. REGULATIONS (cont'd)

2.3. Allowance for Interruption

Service Commission

A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff or in the event that the protective controls applied by the Company result in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported to the Company and the Company confirms that continuity has been lost, and ends when the service is operative.

In case of an interruption to service, allowance for the period of interruption, if not due to the negligence of the customer or the customer's end user, shall be as follows: no credit shall be allowed for an interruption of less than 10 seconds. The customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 10/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues. The credit allowance(s) for service interruptions shall not exceed 100% of the applicable monthly rates.

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

#### 3. PROVISION OF SERVICE

- 3.1. The customer provided equipment (CPE) must deliver the data signals for FibreMAN transport within the industry specification for the subscribed data service.
- 3.2. FibreMAN provides physical layer transport only. The Company assumes no responsibility for the through transmission of signals by CPE, for the quality of or defects in such transmission, for the reception of signals by CPE, or address signaling to the extent addressing is performed by CPE. Error detection and correction of data generated by CPE is the customer's responsibility.
- 3.3 FibreMAN is designed to provide connectivity at the discrete bit rate of up to 2 Gigabits per second (Gbps). The service is considered interrupted when the customer reports to the Company and the Company confirms that continuity has been lost.
- 3.4 The provision of FibreMAN Service is subject to the availability and operational limitations of the equipment and associated facilities. In the event that suitable facilities are not available, or modifications to existing facilities are required, Special Construction charges may be applicable as set forth in Section 1, Paragraph 1.4.4 of this tariff.

Issued: December 3, 2003

Effective: January 5, 2004

**CANCELLED** 

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

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Digital Link Services Tariff
Section 24
2nd Revised Sheet 3
Replacing 1st Revised Sheet 3

## FIBREMAN<sup>SM</sup> SERVICE

- 3. PROVISION OF SERVICE (cont'd)
- (MT) 3.4 The provision of FibreMAN Service is subject to the availability and operational limitations of the equipment and associated facilities. In the event that suitable facilities are not available, or modifications to existing facilities are required, Special Construction charges may be applicable (MT) as set forth in Section 1, Paragraph 1.4.4 of this tariff.
  - 3.5 The actual throughput obtained with FibreMAN Service is distance sensitive, based on the Customer Provided Equipment (CPE) provided by the customer. FibreMAN Service will not be offered with guaranteed throughput thresholds since this is determined by the CPE provided by the customer.
  - 3.6 Repeaters (circuit regenerators) will be located in Company wire centers as required. A monthly charge will be associated with each repeater network element, except for the first repeater in a circuit path (as the first repeater is also used for service alarming and monitoring purposes).
  - 4. CHANNEL TYPES

FibreMAN channel: an intraLATA, dedicated high capacity channel, limited to the transport of data signals between customer stations. FibreMAN provides for the transmission of data at a discrete bit rate of up to 2 Gbps in Ethernet format (Ethernet IEEE 802.3).

5. TECHNICAL SPECIFICATIONS PACKAGES

Technical specifications for FibreMAN Service are described in the following technical references:

Ethernet Standards Fibre Channel Physical and Signaling Interface SBC TP-76412-000. ANSI X3.230

These publications may be obtained from:

SBC Help Desk and Document Center 517-788-6872

(MT)

Issued: March 15, 2005 Effective: April 15, 2005



P.S.C. Mo.- No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

## Missouri Public

Digital Link Services Tariff Section 24 1st Revised Sheet 3 Replacing Original Sheet 3

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FIBREMAN<sup>SM</sup> SERVICE

- 3. PROVISION OF SERVICE (cont'd) Service Commission
  - 3.5 The actual throughput obtained with FibreMAN Service is distance sensitive, based on the Customer Provided Equipment (CPE) provided by the customer. FibreMAN Service will not be offered with guaranteed throughput thresholds since this is determined by the CPE provided by the customer.

(RT)

(RT)

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4. CHANNEL TYPES

FibreMAN channel: an intraLATA, dedicated high capacity channel, limited to the transport of data signals between customer stations. FibreMAN provides for the transmission of data at a discrete bit rate of up to 2 Gbps in Ethernet format (Ethernet IEEE 802.3).

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Ethernet Standards

Fibre Channel Physical and Signaling Interface

SBC TP-76412-000 ANSI X3.230

These publications may be obtained from:

SBC Help Desk and Document Center 517-788-6872

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(MT) SERVICE COMPONENTS

There are four basic rate elements, which apply to FibreMAN Service Public Service Commission (CT) - Local Distribution Channel

(MT)

(MT) - Interoffice Channel Mileage

(AT) - Repeater

- Diversity Options (MT)

Issued: January 30, 2004

Effective: March 1, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Service Commission

Digital Link Services Tariff
Section 24
Missouri Publicoriginal Sheet 3

# FIBREMANSM SER RECED DEC 03 2003

- 3. PROVISION OF SERVICE (cont'd)
- Service Commission
- 3.5. The actual throughput obtained with FibreMAN Service is distance sensitive, based on the Customer Provided Equipment (CPE) provided by the customer. FibreMAN Service will not be offered with guaranteed throughput thresholds since this is determined by the CPE provided by the customer.
- 3.6 FibreMAN Service is distance limited based on circuit configuration as determined by the Company.
- 4. CHANNEL TYPES

FibreMAN channel: an intraLATA, dedicated high capacity channel, limited to the transport of data signals between customer stations. FibreMAN provides for the transmission of data at a discrete bit rate of up to 2 Gbps in Ethernet format (Ethernet IEEE 802.3).

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**Ethernet Standards** 

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These publications may be obtained from:

SBC Help Desk and Document Center 517-788-6872

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Public Service Commission

Issued: December 3, 2003

Effective: January 5, 2004

By CINDY BRINKLEY, President-SBC Missouri
Southwestern Bell Telephone, L.P., d/b/a SBC Missouri
St. Louis, Missouri

Southier Missouri

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Digital Link Services Tariff Section 24 Original Sheet 3.1

## FIBREMAN<sup>SM</sup> SERVICE

(MT) 6. SERVICE COMPONENTS

There are four basic rate elements, which apply to FibreMAN Service:

- Local Distribution Channel
- Interoffice Channel Mileage
- Repeater
- (MT) Diversity Options

Issued: March 15, 2005 Effective: April 15, 2005



(A'T)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 24
1st Revised Sheet 4
Replacing Original Sheet 4

## FIBREMAN<sup>SM</sup> SERVICE

## (AT) 6. SERVICE COMPONENTS (cont'd)

(MT)

#### 6.1 Local Distribution Channel (LDC)

The local distribution channel is the channel between a customer's premises and the serving wire center that normally provides service to that customer's premises.

### 6.2 Interoffice Channel Mileage (ICM)

Interoffice channel mileage is defined as the component of the service between two Company serving wire centers. The serving wire centers may be located in the same exchange area, as in a multi-office metropolitan exchange, or may be located in different exchange areas.

Interoffice channel mileage charges include a fixed charge, and a per mile charge, which is based on the vertical and horizontal (V-H) distance between serving wire centers, or between exchanges, measured in whole miles. Fractional miles are rounded to the next whole mile. V-H coordinates for serving wire centers can be found in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff.

(AT) 6.3 Repeater (RPTR)

A repeater (circuit regenerator) may be used to extend the transmission of FibreMAN Service. The Company will determine when repeaters are necessary. In addition, the first repeater in a multi-repeater circuit will be used for service alarming and monitoring purposes.

(CT) 6.4 Diversity Options

There are three route diversity options available with FibreMAN. They are Local Channel Diversity, Inter-Wire Center Diversity and Alternate Wire Center Diversity. They are described in detail below under **Paragraph 7. Service Configurations**.

#### 7. SERVICE CONFIGURATIONS

All basic service configurations provide full duplex transmission. There is one basic type of FibreMAN Service configuration: Node-to-Node Service. FibreMAN services from a customer data hub location to multiple points, or multiple FibreMAN services between two customers' data hub locations are merely aggregated node-to-node services.

Issued: January 30, 2004 Effective: March 1, 2004



Digital Link Services Tariff Section 24 Original Sheet 4

FIBREMAN<sup>SM</sup> SERVICE

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#### 6. SERVICE COMPONENTS

There are three basic rate elements, which may apply to FibreMAN Service: RECD DEC 03 2003

- Local Distribution Channel
- Interoffice Channel Mileage
- Diversity Options

Service Commission

#### 6.1 Local Distribution Channel (LDC)

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Effective: January 5, 2004

Public Service Commission
By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri

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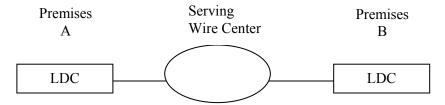
Digital Link Services Tariff Section 24 1st Revised Sheet 5 Replacing Original Sheet 5

## FIBREMAN<sup>SM</sup> SERVICE

- 7. SERVICE CONFIGURATIONS (cont'd)
  - 7.1 Node-to-Node

A node-to-node configuration connects two customer-designated premises either inter- or intrawire center.

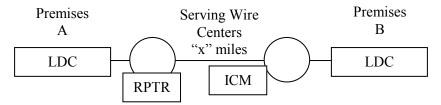
7.1.1 The following diagram depicts a node-to-node (intra-wire center) configuration connecting two customer-designated premises served from the same wire center.



LDC – Local Distribution Channel

In this case, the applicable rate element is:

- Local Distribution Channel (two applicable)
- 7.1.2 The following diagram depicts a node-to-node (inter-wire center) configuration connecting two customer-designated premises with Serving Wire Centers located "x" miles apart.



(AT)

LDC – Local Distribution Channel ICM – Interoffice Channel Mileage RPTR – Repeater (as required)

(AT)

(AT)

In this case, applicable rate elements are:

- Local Distribution Channel (two applicable)
- Interoffice Channel Mileage Fixed (one applicable)
- Interoffice Channel Mileage Per Mile ("x" applicable)
- Repeater (as required)

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Effective: March 1, 2004

Digital Link Services Tariff Section 24 Original Sheet 5

#### FIBREMAN<sup>SM</sup> SERVICE

SERVICE CONFIGURATIONS (cont'd)

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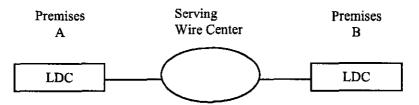
7.1 Node-to-Node

REC'D DEC 03 2003

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Service Commission

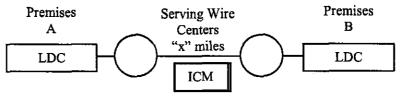
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- 7.1.2 The following diagram depicts a node-to-node (inter-wire center) configuration connecting two customer-designated premises with Serving Wire Centers located "x" miles apart.



LDC – Local Distribution Channel ICM – Interoffice Channel Mileage

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In this case, applicable rate elements are:

- Local Distribution Channel (two applicable)
- Interoffice Channel Mileage Fixed (one applicable)
- Interoffice Channel Mileage Per Mile ("x" applicable)

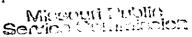
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Issued: December 3, 2003

Effective: January 5, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff Section 24 1st Revised Sheet 6 Replacing Original Sheet 6

## FIBREMAN<sup>SM</sup> SERVICE

#### SERVICE CONFIGURATIONS (cont'd)

#### 7.2 Diversity Options

(CT)

(AT)

(AT)

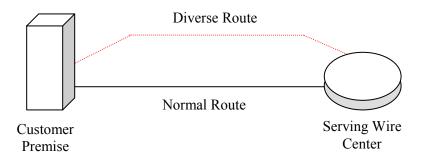
Diversity options are available where facilities exist. If appropriate facilities do not exist, Special Construction charges may apply. End-to-end diversity can be achieved by coupling Alternate Wire Center Diversity with Inter-Wire Center Diversity, in those instances where each end of a circuit is served out of different serving wire centers.

FibreMAN offers the following diversity options:

#### 7.2.1 Local Channel Diversity (LCD)

Local Channel Diversity provides for a transmission path between a designated customer premise and the standard serving wire center (SWC) that is diverse from the normal/standard transmission path. Local Channel Diversity requires two FibreMAN Services purchased by the same customer of record. With this arrangement, one or more local distribution channels will be provisioned over the standard route and one or more local distribution channels will be provisioned over a diverse route. Local Channel Diversity does not provide for full diversity; it only allows for diversity from the splice point closest to the customer's property line to the SWC. If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premise, at the customer's expense.

(CT)



Effective: April 15, 2005 Issued: March 15, 2005



Digital Link Services Tariff Section 24 Original Sheet 6

Missouri Public

FIBREMAN<sup>SM</sup> SERVICE

7. SERVICE CONFIGURATIONS (cont'd)

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7.2 Diversity Options

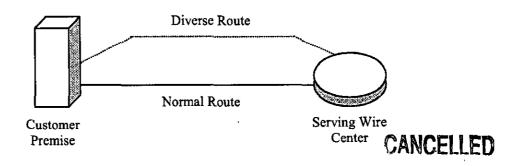
Service Commission

Route diversity options are available where facilities exist. If appropriate facilities do not exist, Special Construction charges may apply. End-to-end diversity can be achieved by coupling Alternative Wire Center Diversity with Inter-Wire Center Diversity.

FibreMAN offers the following diversity options:

#### 7.2.1 Local Channel Diversity (LCD)

Local Channel Diversity provides for a transmission path between a designated customer premise and the standard serving wire center (SWC) that is diverse from the normal/standard transmission path. Local Channel Diversity requires two FibreMAN Services purchased by the same customer of record. With this arrangement, one or more local distribution channels will be provisioned over the standard route and one or more local distribution channels will be provisioned over the diverse route. Local Channel Diversity does not provide for full diversity; it only allows for diversity from the splice point closest to the customer's property line to the SWC. If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premise, at the customer's expense.



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Public Service Commission

Issued: December 3, 2003

Effective: January 5, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

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### FIBREMAN<sup>SM</sup> SERVICE

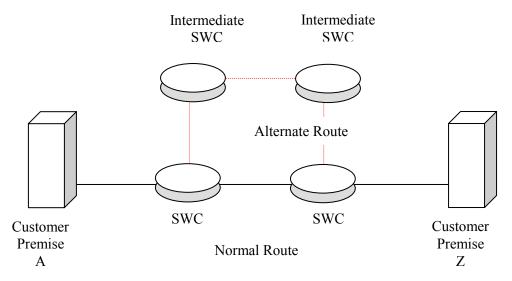
#### 7. SERVICE CONFIGURATIONS (cont'd)

#### 7.2 Diversity Options (cont'd)

#### 7.2.2 Inter-Wire Center Diversity (IWCD)

Inter-Wire Center Diversity arrangements presume that each end of a FibreMAN local distribution channel is served out of a different serving wire center (SWC). This arrangement provides a transmission path for FibreMAN local distribution channels between the customer's designated SWC and the serving wire center at the distant end of the circuit, over a transmission path that is separate from the standard transmission path between the two wire centers. Interoffice mileage will be calculated between the intermediate serving wire centers along the circuit path of the diversely routed FibreMAN Service. Inter-Wire Center Diversity requires two FibreMAN Services purchased by the same customer of record.

Inter-wire center diversity does not provide for full diversity; it only offers interoffice diversity. If a customer desires full diversity, Alternate Wire Center Diversity must be implemented along with Inter-Wire Center Diversity. Additionally, arrangements must be made for constructing dual entrance facilities at the customer's premise, at the customer's expense.



Issued: December 3, 2003 Effective: January 5, 2004



Digital Link Services Tariff Section 24 Original Sheet 8

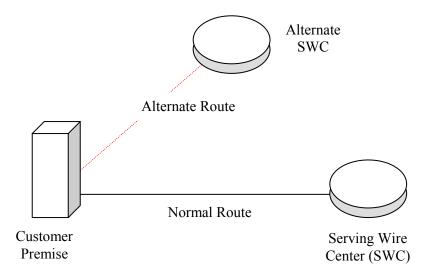
### FIBREMAN<sup>SM</sup> SERVICE

#### SERVICE CONFIGURATIONS (cont'd)

#### 7.2 Diversity Options (cont'd)

#### 7.2.3 Alternate Wire Center Diversity (AWCD)

Alternate Wire Center Diversity is for the local loop only. It provides a local channel transmission path for FibreMAN Service between the customer's designated premises and a wire center that is not the normal (or standard) serving wire center. The Company will choose the alternate wire center closest to the customer's designated premise that is capable of providing FibreMAN Service over the alternate route. Alternate Wire Center Diversity does not require two FibreMAN Services purchased by the same customer of record, nor does it require the customer to have an existing FibreMAN circuit operating over the normal (or standard) route to the normal (or standard) serving wire center. With this arrangement, one or more local distribution channels will be provisioned over the alternate route. If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premise, at the customer's expense.



Issued: December 3, 2003 Effective: January 5, 2004



Digital Link Services Tariff
Section 24
1st Revised Sheet 9
Replacing Original Sheet 9

# FIBREMAN<sup>SM</sup> SERVICE

#### 8. RATES AND CHARGES

There are two types of rates and charges for FibreMAN: Installation Charges and Recurring Rates.

8.1 Installation Charges are one-time charges that apply for specific work activity related to the provisioning of FibreMAN Service.

Installation Charge

- per Local Distribution Channel (LDC)

\$ 1,500.00

8.2 Recurring rates are flat recurring rates that apply each month or fraction thereof that the service is provided. Recurring rates may be applied only over a 12-, 24-, 36-, or 60-month period under the terms and conditions of the Term Pricing Plan (TPP), described in Paragraph I. following. Upon completion of a TPP, a customer's service will automatically convert to the Monthly Extension Rates unless the customer requests a new TPP. No customer shall purchase FibreMAN at the Monthly Extension Rate basis prior to the completion of a TPP.

		Monthly Extension			_	
	<u>USOC</u>	Rate	12 Month	24 Month	36 Month	60 Month
LDC						
2 Gbps	1D99X	\$6,174.00	\$5,145.00	\$4,200.00	\$4,000.00	\$3,500.00
1 Gbps	1D98X	4,410.00	3,675.00	3,100.00	2,850.00	2,500.00
ICM	JZ4YS					
Fixed		250.00	250.00	225.00	200.00	100.00
Per Mile		125.00	125.00	115.00	100.00	75.00
RPTR	VU4	2,500.00	2,400.00	1,700.00	1,150.00	850.00
Diversity						
LCD	DJVYX	750.00	750.00	750.00	750.00	750.00
						500.00
AWCD	AVOYX	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00
	2 Gbps 1 Gbps ICM Fixed Per Mile RPTR Diversity LCD IWCD	LDC 2 Gbps 1 D99X 1 Gbps 1 D98X  ICM Fixed Per Mile  RPTR VU4  Diversity LCD DJVYX IWCD DEQYX	LDC         Extension           2 Gbps         1D99X         \$6,174.00           1 Gbps         1D98X         4,410.00           ICM         JZ4YS         250.00           Per Mile         125.00           RPTR         VU4         2,500.00           Diversity         LCD         DJVYX         750.00           IWCD         DEQYX         500.00	LDC         Rate         12 Month           2 Gbps         1D99X         \$6,174.00         \$5,145.00           1 Gbps         1D98X         4,410.00         3,675.00           ICM         JZ4YS         250.00         250.00           Per Mile         125.00         125.00           RPTR         VU4         2,500.00         2,400.00           Diversity         LCD         DJVYX         750.00         750.00           IWCD         DEQYX         500.00         500.00	USOC         Extension Rate         Monthly Condition           LDC         2 Gbps         1D99X         \$6,174.00         \$5,145.00         \$4,200.00           1 Gbps         1D98X         4,410.00         3,675.00         3,100.00           ICM         JZ4YS         250.00         250.00         225.00           Per Mile         125.00         125.00         115.00           RPTR         VU4         2,500.00         2,400.00         1,700.00           Diversity         LCD         DJVYX         750.00         750.00         750.00           IWCD         DEQYX         500.00         500.00         500.00	LDC         Rate         12 Month         24 Month         36 Month           LDC         2 Gbps         1D99X         \$6,174.00         \$5,145.00         \$4,200.00         \$4,000.00           1 Gbps         1D98X         4,410.00         3,675.00         3,100.00         2,850.00           ICM         JZ4YS         250.00         250.00         225.00         200.00           Per Mile         125.00         125.00         115.00         100.00           RPTR         VU4         2,500.00         2,400.00         1,700.00         1,150.00           Diversity         LCD         DJVYX         750.00         750.00         750.00         750.00           IWCD         DEQYX         500.00         500.00         500.00         500.00

Issued: January 30, 2004 Effective: March 1, 2004



Digital Link Services Tariff

Missouri Public Section 24

Original Sheet 9

FIBREMAN<sup>SM</sup> SERVICE DEC **03** 2003

8. RATES AND CHARGES

# Service Commission

There are two types of rates and charges for FibreMAN: Installation Charges and Recurring Rates.

8.1 Installation Charges are one-time charges that apply for specific work activity related to the provisioning of FibreMAN Service.

Installation Charge

- per Local Distribution Channel (LDC)

\$ 1,500.00

8.2 Recurring rates are flat recurring rates that apply each month or fraction thereof that the service is provided. Recurring rates may be applied only over a 12-, 24-, 36-, or 60-month period under the terms and conditions of the Term Pricing Plan (TPP), described in Paragraph I. following. Upon completion of a TPP, a customer's service will automatically convert to the Monthly Extension Rates unless the customer requests a new TPP. No customer shall purchase FibreMAN at the Monthly Extension Rate basis prior to the completion of a TPP.

				Term Price	_	
		Monthly		Monthly Co	ntract Rates	
		Extension				
	<u>USOC</u>	Rate_	12 Month	24 Month	36 Month	60 Month
LDC						
2 Gbps	1D99X	\$6,174.00	\$5,145.00	\$4,200.00	\$4,000.00	\$3,500.00
1 Gbps	1D98X	4,410.00	3,675.00	3,100.00	2,850.00	2,500.00
ICM	JZ4YS					
Fixed		250.00	250.00	225.00	200.00	100.00
Per Mile		125.00	125.00	115.00	100.00	75.00
Diversity		•				
LCD	DJVYX	750.00	750.00	750.00	750.00	750.00
IWCD	DEQYX	500.00	500.00	500.00	500.00	500.00
AWCD	AVÔYX	1,200.00	1,200.00 CANCE	1ED200.00	1,200.00	1,200.00

By Salice Commission

Issued: December 3, 2003

Effective: January 5, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

<sup>m</sup> Misseuri Public Servico Commission

Digital Link Services Tariff
Section 24
1st Revised Sheet 10
Replacing Original Sheet 10

# FIBREMAN<sup>SM</sup> SERVICE

#### TERM PRICING PLAN (TPP)

- 9.1 The TPP provides for 12-, 24-, 36-, or 60-month rate stabilization. Decreases in term monthly recurring tariff rates will be passed on to customers who participate in a TPP. The Company will notify customers participating in a TPP when term monthly recurring rates are decreased.
  - Should the Company increase its rates during the TPP period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the TPP.
- 9.2 The customer may choose to terminate an existing TPP before the end of the 12-, 24-, 36-, or 60-month period and negotiate a new 12-, 24-, 36-, or 60-month TPP. The new TPP must be based upon the rates that are currently in effect and available to all customers.
- 9.3 The customer must provide the Company with a written notice of intent to renew a TPP no later than 90 days prior to its expiration. If the customer elects not to renew the TPP, or does not notify the Company of the customer's intent to renew the TPP, the service will automatically be billed under the tariffed monthly extension rates in effect at the time that TPP expires. Subsequently, customers under the tariffed monthly extension rates may convert their existing service to either a 12-, 24-, 36-, or 60-month TPP. Nonrecurring charges will be waived at the time of conversion.
- 9.4 Any special construction charges incurred for services billed under a TPP will be applicable as provided for in Section 1 of this tariff.
- 9.5 If the customer terminates the TPP agreement prior to the expiration of the 12-, 24-, 36-, or 60-month service term, the customer shall pay a termination charge. Payment of the termination charge does not release the customer from other previous amounts owed to the Company. The termination charge shall be:
- All unpaid Special Construction or nonrecurring charges (excluding any waived charges); plus
  - Fifty percent (50%) of all recurring charges for the remaining months of the customer's term

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Issued: March 15, 2005 Effective: April 15, 2005



Digital Link Services Tariff Missouri Public Section 24
Original Sheet 10

# FIBREMAN<sup>SM</sup> SERVICE DEC **03** 2003

### 9. TERM PRICING PLAN (TPP)

### Service Commission

- 9.1 The TPP provides for 12-, 24-, 36-, or 60-month rate stabilization. Decreases in term monthly recurring tariff rates will be passed on to customers who participate in a TPP. The Company will notify customers participating in a TPP when term monthly recurring rates are decreased.
  - Should the Company increase its rates during the TPP period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the TPP.
- 9.2 The customer may choose to terminate an existing TPP before the end of the 12-, 24-, 36-, or 60-month period and negotiate a new 12-, 24-, 36-, or 60-month TPP. The new TPP must be based upon the rates that are currently in effect and available to all customers.
- 9.3 The customer must provide the Company with a written notice of intent to renew a TPP no later than 90 days prior to its expiration. If the customer elects not to renew the TPP, or does not notify the Company of the customer's intent to renew the TPP, the service will automatically be billed under the tariffed monthly extension rates in effect at the time that TPP expires. Subsequently, customers under the tariffed monthly extension rates may convert their existing service to either a 12-, 24-, 36-, or 60-month TPP. Nonrecurring charges will be waived at the time of conversion.
- 9.4 Any special construction charges incurred for services billed under a TPP will be applicable as provided for in Section 1 of this tariff.
- 9.5 If the customer terminates the TPP agreement prior to the expiration of the 12-, 24-, 36-, or 60month service term, the customer shall pay a termination charge. Payment of the termination charge does not release the customer from other previous amounts owed to the Company. The termination charge shall be:
  - All waived and/or unpaid nonrecurring charges; plus
  - Fifty percent (50%) of all recurring charges for the balance of the customer's term
- 9.6 During a TPP term, a customer may move one Local Distribution Channel of a FibreMAN Service to another location in the same LATA and keep the TPP in force (without assessment of Termination Charges), provided no lapse in service occurs. Nonrecurring charges, as appropriate, will apply. CANCELLED

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Issued: December 3, 2003

Effective: January 5, 2004

By CINDY BRINKLEY, President-Section Southwestern Bell Telephone, L.P., d/b/a SBC Missouri Missouri Public Sectionis Missouri Service Commission

Digital Link Services Tariff Section 24 Original Sheet 11

# FIBREMAN<sup>SM</sup> SERVICE

#### (CT) 9. TERM PRICING PLAN (TPP) (cont'd)

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- 9.6 Customers will be permitted to move one end of a FibreMAN Service to another location, without incurring Termination Charges, given the following conditions are met:
  - The customer must issue a disconnect order for the existing location and place a new service order for FibreMAN Service at the new location. Termination Charges for the existing location will be waived. Standard nonrecurring charges to install FibreMAN Service as a new circuit will apply.
  - Negotiated down time will apply, as the new circuit will need to be designed and installed.
  - The term of the new contract must be equal to or greater than the remaining time left on the existing FibreMAN contract.
  - The existing FibreMAN Service must have been in service for a minimum period of 12 months for a 2-year contract, 15 months for a 3-year contract or 18 months for a 5-year contract. Existing FibreMAN Service with 1-year contracts will not be eligible for this Moves option.

Moves are contingent on availability of fiber from premise to premise. Other Special Construction charges, as necessary, may apply.

Issued: March 15, 2005 Effective: April 15, 2005

Digital Link Services Tariff
Section 25
1st Revised Sheet 1
Replacing Original Sheet 1

# OPT-E-MAN<sup>SM</sup> SERVICE

#### 1. GENERAL DESCRIPTION

OPT-E-MAN<sup>SM</sup> Service is an optically switched data service which allows for versatile scalability and flexibility over an Ethernet network provided by the Company. OPT-E-MAN Service allows businesses to interconnect two or more customer locations within a Metropolitan Area Network (MAN) as if they were segments on the same LAN using packet-based switching technologies. Connections at the customer premises are made using Native Ethernet interfaces and traverse the MAN over fiber facilities. OPT-E-MAN Service provides dedicated bandwidth from 5 Mbps up to 1 Gbps.

Customers connect to OPT-E-MAN Service via one of the following standard connections, as requested by the customer:

- 10/100 Base T (100 Mbps)
- Gigabit Ethernet (1000 Base SX, 1000 Base LX/LH or 1000 Base ZX)<sup>11/</sup>

Customers may connect any two or more locations together, as long as they are in the same LATA or MAN and the service is available. This service offers logical Ethernet-to-Ethernet LAN connections available in the following configurations:

- (AT) point-to-point
- (AT) point-to-multipoint, or
- (AT) multipoint-to-multipoint

OPT-E-MAN Service includes the connection from the customer's premise to the Ethernet network, a port on the Ethernet network, a Committed Information Rate (CIR), and Ethernet Virtual Connections (EVCs). Ethernet Virtual Connections (EVCs) are logical connections that establish a logical path for customer traffic between two customer locations. A portion of the CIR is assigned to each EVC to establish how much bandwidth each path should have.

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(CT) /1/ CIR is inclusive of allowances for overhead within the Ethernet network. If a customer orders
 (CP) 1 Gbps of CIR on a single port, the Company reserves the right to use up to 10% of the bandwidth for traffic management.



Digital Link Services Tariff

Wissouri Public Section 25

Original Sheet 1

**REC'D MAR 31 2004** 

OPT-E-MANSM SERVICE

#### 1. GENERAL DESCRIPTION

### Service Commission

OPT-E-MAN<sup>SM</sup> Service is an optically switched data service which allows for versatile scalability and flexibility over an Ethernet network provided by the Company. OPT-E-MAN Service allows businesses to interconnect two or more customer locations within a Metropolitan Area Network (MAN) as if they were segments on the same LAN using packet-based switching technologies. Connections at the customer premises are made using Native Ethernet interfaces and traverse the MAN over fiber facilities. OPT-E-MAN Service provides dedicated bandwidth from 10 Mbps up to 1 Gbps.

Customers connect to OPT-E-MAN Service via one of the following standard connections, as requested by the customer:

- 10/100 Base T (100 Mbps)
- Gigabit Ethernet (1000 Base SX, 1000 Base LX/LH or 1000 Base ZX)<sup>/1/</sup>

Customers may connect any two or more locations together, as long as they are in the same LATA or MAN and the service is available. This service offers logical point-to-point or point-to-multipoint configurations that support Ethernet-to-Ethernet LAN connections.

OPT-E-MAN Service includes the connection from the customer's premise to the Ethernet network, a port on the Ethernet network and an assigned Bandwidth Usage (which includes a Committed Information Rate (CIR) and one Ethernet Virtual Connection (EVC)).

OPT-E-MAN is provided under several service configurations:

Basic

The OPT-E-MAN Basic service configuration provides the customer a switched, logical point-to-point connection between two customer locations, using a physical connection to the network, and a virtual connection through the OPT-E-MAN network.

MAR 1 8 2005

Public Service Commission

Bandwidth Usage is inclusive of allowances for overhead within the Ethernet network. If a customer orders 1 Gbps of CIR on a single port, the Company reserves the right to use up to 70 Mbps of bandwidth for traffic management.

Issued: March 31, 2004

Effective: May 1, 2004

By CINDY BRINKLEY, President-SBC Missouri
Southwestern Bell Telephone, L.P., d/b/a SBC Missouri
St. Louis, Missouri
Service Commission

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Digital Link Services Tariff Section 25 Original Sheet 1.1

# OPT-E-MAN<sup>SM</sup> SERVICE

1. GENERAL DESCRIPTION (cont'd)

(MT) OPT-E-MAN is provided under several service configurations: The OPT-E-MAN Basic service configuration provides the customer a switched, Basic logical point-to-point or point-to-multipoint connection between customer locations, (AT) (CT) using a physical connection to the network, and virtual connections through the OPT-E-MAN network. (MT) **Basic Plus** The OPT-E-MAN Basic Plus service configuration provides the customer a switched, (AT) logical point-to-point, point-to-multipoint or multipoint-to-multipoint connection between customer locations, using a physical connection to the network, and virtual connections through the OPT-E-MAN network. (AT)



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(CP)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 25
1st Revised Sheet 2
Replacing Original Sheet 2

# OPT-E-MAN<sup>SM</sup> SERVICE

### 1. GENERAL DESCRIPTION (cont'd)

Service configurations include a choice of one of two underlying Grades of Service: Bronze and (CT)
Silver. Each Grade of Service offers a different level of service performance. The following describes the service parameters for each Grade of Service.

**Bronze** 

The applications best suited for this Grade of Service are general data applications with more tolerance for delay and/or those that are lower in priority. This Grade of Service is the appropriate selection for general data traffic since it tolerates bursty and time-varying traffic. The service parameters associated with this Grade of Service are Packet Delivery Rate (PDR) and Latency.

Packet Delivery Rate is at least 99.5% of total traffic from source Network Terminating Equipment (NTE) to the destination NTE to which the customer port is attached.

Latency is limited to a delay across a connection of no more than 35 ms (70 ms roundtrip) one-way end-to-end within the Company's network for packets 1500 bytes or less.

Silver

This Grade of Service supports applications that require minimal loss and low latency variation (jitter). Data in this Grade of Service will be provisioned in a priority queue indicating that it is delay sensitive. The service parameters associated with this Grade of Service are Packet Delivery Rate (PDR), Latency and Jitter.

Packet Delivery Rate is at least 99.9% of total traffic from source Network Terminating Equipment (NTE) to the destination NTE to which the customer port is attached.

Latency is limited to a delay across a connection of no more than 25 ms (50 ms roundtrip) one-way end-to-end within the Company's network for packets 1500 bytes or less.

Jitter is limited to less than 15 ms one-way end-to-end within the Company's network.



P.S.C. Mo.- No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Missouri Public Services Tariff Section 25

Original Sheet 2

**REC'D MAR 31** 2004

OPT-E-MAN<sup>SM</sup> SERVICE

Service Commission

1. GENERAL DESCRIPTION (cont'd)

> Service configurations include a choice of one of two underlying Grades of Service: Bronze and Silver. Each Grade of Service guarantees a different level of service performance. The following describes the service parameters guaranteed with each Grade of Service.

**Bronze** 

The applications best suited for this Grade of Service are general data applications with more tolerance for delay and/or those that are lower in priority. This Grade of Service is the appropriate selection for general data traffic since it tolerates bursty and time-varying traffic. The service parameters associated with this Grade of Service are Packet Delivery Rate (PDR) and Latency.

Packet Delivery Rate is at least 99.5% of total traffic from source Network Terminating Equipment (NTE) to the destination NTE to which the customer port is attached.

Latency is limited to a delay across a connection of no more than 65 ms (130 ms roundtrip) one-way end-to-end within the Company's network for packets 1500 bytes or less.

Silver

This Grade of Service supports applications that require minimal loss and low latency variation (jitter). Data in this Grade of Service will be provisioned in a priority queue indicating that it is delay sensitive. The service parameters associated with this Grade of Service are Packet Delivery Rate (PDR), Latency and Jitter.

Packet Delivery Rate is at least 99.9% of total traffic from source Network Terminating Equipment (NTE) to the destination NTE to which the customer port is attached.

Latency is limited to a delay across a connection of no more than 55 ms (110 ms roundtrip) one-way end-to-end within the Company's network for packets 1500 bytes or less.

Jitter is limited to less than 20 ms one-way end-to-end within the Company's network.

Issued: March 31, 2004

Effective: May 1, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri Scialee Commission Sciales Commission St. Louis, Missouri

FILED MAY 01 2004

(CT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 25
1st Revised Sheet 3
Replacing Original Sheet 3

# OPT-E-MAN<sup>SM</sup> SERVICE

#### 2. REGULATIONS

In addition to the regulations contained in this tariff, the following regulations apply to this service:

- 2.1 This service is available to customers in those LATAs served by and within the service territories of the Company only.
- 2.2 OPT-E-MAN Service is provided at the option of the Company where equipment and facilities permit. If appropriate facilities are not available, Special Construction charges may apply. OPT-E-MAN Service is available in Company Central Offices as specified in National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4 (NECA Tariff F.C.C. No. 4).
- 2.3 The customer provided equipment (CPE) must deliver the data signal for the OPT-E-MAN transport within the industry specification for the subscribed data service. See *TECHNICAL SPECIFICATIONS PACKAGES* following.
- 2.4 OPT-E-MAN Service supports full duplex communication.
- 2.5 OPT-E-MAN Service does not allow for oversubscription. The sum total of the Usage assigned to EVCs are mapped to a single port, and cannot exceed the ordered CIR.
- 2.6 If a customer connects to the OPT-E-MAN network using a bridge or switch for Layer 2 connectivity, only 50 MAC addresses can be used per Layer 2 device, per port. Any additional addresses will be assessed an additional charge, with a limit of 100 MAC addresses total per port. See *RATES AND CHARGES* following.
- 2.7 If a customer desires service from a Serving Wire Center that is not equipped to provide OPT-E-MAN Service, additional charges may apply for use of a Repeater. A network engineering study will need to be completed to ensure adequate service provisioning is capable. See *RATES AND CHARGES* following.
- (AT) 2.8 For Basic Service, a total of 8 Ethernet Virtual Connections (EVCs) may be configured per 10/100 Base T connection, and a total of 64 EVCs may be configured per 1 Gbps connection. For Basic Plus Service, a total of 7 EVCs may be configured per 10/100 Base T connection, and a total of 63 EVCs may be configured per 1 Gbps connection. Should the customer request more than 64 EVCs on a Basic Service 1 Gbps connection, or more than 63 EVCs on a Basic Plus
   (AT) Service 1 Gbps connection, a technical review will need to be conducted to determine whether the network will support more EVCs.



CANCELLED

P.S.C. Mo.- No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

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Public Service Commission

Missouri Public

Section 25 Original Sheet 3

Digital Link Services Tariff

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2. REGULATIONS

Service Commission

In addition to the regulations contained in this tariff, the following regulations apply to this service:

- 2.1 This service is available to customers in those LATAs served by and within the service territories of the Company only.
- 2.2 OPT-E-MAN Service is provided at the option of the Company where equipment and facilities permit. If appropriate facilities are not available, Special Construction charges may apply. OPT-E-MAN Service is available in Company Central Offices as specified in National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4 (NECA Tariff F.C.C. No. 4).
- 2.3 The customer provided equipment (CPE) must deliver the data signal for the OPT-E-MAN transport within the industry specification for the subscribed data service. See *TECHNICAL SPECIFICATIONS PACKAGES* following.
- 2.4 OPT-E-MAN Service supports full duplex communication.
- 2.5 OPT-E-MAN Service does not allow for oversubscription. The sum total of the Usage assigned to EVCs are mapped to a single port, and cannot exceed the ordered Bandwidth Usage.
- 2.6 If a customer connects to the OPT-E-MAN network using a bridge or switch for Layer 2 connectivity, only 50 MAC addresses can be used per Layer 2 device, per port. Any additional addresses will be assessed an additional charge, with a limit of 100 MAC addresses total per port. See RATES AND CHARGES following.
- 2.7 If a customer desires service from a Serving Wire Center that is not equipped to provide OPT-E-MAN Service, additional charges may apply for use of a Repeater. A network engineering study will need to be completed to ensure adequate service provisioning is capable. See RATES AND CHARGES following.
- 2.8 A total of 8 Ethernet Virtual Connections (EVCs) may be configured per 10/100 Base T connection. A total of 64 EVCs may be configured per 1 Gbps connection. Should the customer request more than 64 EVCs on a 1 Gbps connection, a technical review will need to be conducted to determine whether the network will support more than 64 EVCs.

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By CINDY BRINKLEY, President-SBC Missouri
Southwestern Bell Telephone, L.P., d/b/a SBC Missouri Missouri Public
St. Louis, Missouri Service Semmicalen

Digital Link Services Tariff
Section 25
1st Revised Sheet 4
Replacing Original Sheet 4

# OPT-E-MAN<sup>SM</sup> SERVICE

### 2. REGULATIONS (cont'd)

- 2.9 If a customer desires that service be provided on a due date less than the standard interval, the customer may request that service be provided on an expedited basis. If the Company determines that service can be provided on the requested expedited date and spare facilities are available, the Expedite Order Charge (per port, per location) will apply. See *RATES AND CHARGES* following.
- 2.10 If the customer cancels service prior to installation being completed, a Service Order Cancellation Charge (per port, per location) will apply. See *RATES AND CHARGES* following. The customer's intent to cancel service must be made in writing.
- (CT) 2.11 The CIR selected by the customer must be committed to for a 30 day period before an increase in CIR can be requested.
  - 2.12 OPT-E-MAN Service is not available in a meet-point billing arrangement involving other Carriers.
  - 2.13 A Letter of Authorization (LOA) will need to be established if customers want to purchase a logical connection via an Ethernet Virtual Connection (EVC) to another customer in order to ensure security and accuracy in the connection.

### 2.14 Allowance for Interruption

In case of an interruption to service, allowance for the period of interruption, if not due to the negligence of the customer or the customer's end user, shall be as follows: no credit shall be allowed for an interruption of less than 10 seconds. The customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 10/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues. The credit allowance(s) for service interruptions shall not exceed 100% of the applicable monthly rates.

The Company's failure to provide or maintain services under this tariff shall be excused by force majeure events such as, but not limited to, an earthquake, hurricane, flood, fire, storms, tornadoes, explosion, lightning, power surges or failure, fiber cuts, strikes or labor disputes, acts of war, civil disturbances, acts of civil or military authorities or public enemy, governmental orders, civil commotion, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control.

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No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Services Tariff Missouri Public

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Original Sheet 4

RFCD MAR 31 2004 SSOPT-E-MANSM SERVICE

2. REGULATIONS (cont'd) Service Commission

- If a customer desires that service be provided on a due date less than the standard interval, the customer may request that service be provided on an expedited basis. If the Company determines that service can be provided on the requested expedited date and spare facilities are available, the Expedite Order Charge (per port, per location) will apply. See RATES AND CHARGES following.
- 2.10 If the customer cancels service prior to installation being completed, a Service Order Cancellation charge (per port, per location) will apply. See RATES AND CHARGES following. The customer's intent to cancel service must be made in writing.
- 2.11 The Bandwidth Usage selected by the customer must be committed to for a 30 day period before an increase in Bandwidth Usage can be requested.
- 2.12 OPT-E-MAN Service is not available in a meet-point billing arrangement involving other Carriers.
- 2.13 A Letter of Authorization (LOA) will need to be established if customers want to purchase a logical connection via an Ethernet Virtual Connection (EVC) to another customer in order to ensure security and accuracy in the connection.
- 2.14 Allowance for Interruption

In case of an interruption to service, allowance for the period of interruption, if not due to the negligence of the customer or the customer's end user, shall be as follows: no credit shall be allowed for an interruption of less than 10 seconds. The customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 10/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues. The credit allowance(s) for service interruptions shall not exceed 100% of the applicable monthly rates.

The Company's failure to provide or maintain services under this tariff shall be excused by force majeure events such as, but not limited to, an earthquake, hurricane, flood, fire, storms, tornadoes, explosion, lightning, power surges or failure, fiber cuts, strikes or labor disputes. acts of war, civil disturbances, acts of civil or military authorities or public enemy, governmental orders, civil commotion, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control.

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Digital Link Services Tariff
Section 25
1st Revised Sheet 5
Replacing Original Sheet 5

# OPT-E-MAN<sup>SM</sup> SERVICE

### 2. REGULATIONS (cont'd)

2.15 Service Level Agreements (SLAs) are offered with this service, and provide customers with end-to-end performance backed by service credits if minimum quality standards are not met by the Company.

#### Network Availability

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(CT)

(CP) (CP) • Network Availability of 99.95% per month, including the local loop, is provided by the Company. This equates to less than 21.6 minutes of downtime per month (based on a 30-day month), excluding maintenance windows and other appropriate exclusions (see Exclusions following). Network Availability is calculated as the percentage of time that the OPT-E-MAN network is capable of accepting and delivering customer data to the total time in the measurement period. The calculation for Network Availability for a given calendar month is as follows:

Network Availability =

[24 hours x days in month x 60 minutes x number of customer sites] – network outage time (measured in minutes)

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[24 hours x days in month x 60 minutes x number of customer sites]

- As noted in the above formula, all ports included in a customer's network are utilized in calculating *Network Availability*.
- The customer is responsible for (1) notifying the Company within 45 days after the end of the month when the service parameter falls below the committed level, and (2) requesting a service credit.
- Upon verification by the Company that the actual service performance for that parameter was less than the committed level, the customer will be provided a service credit equal to 10% of the monthly recurring charge for that service parameter for all affected ports.



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**REC'D MAR 31** 2004

OPT-E-MAN<sup>SM</sup> SERVICE

2. REGULATIONS (cont'd)

Service Commission

2.15 Service Level Agreements (SLAs) are offered with this service, and provide customers with end-to-end performance guarantees that are backed by service credits if minimum quality standards are not met by the Company.

#### Network Availability

Network Availability of 99.95% per month, including the local loop, is guaranteed by the Company. This equates to less than 8 hours and 46 minutes of downtime per year, excluding maintenance windows and other appropriate exclusions (see Exclusions following). Network Availability is calculated as the percentage of time that the OPT-E-MAN network is capable of accepting and delivering customer data to the total time in the measurement period. The calculation for Network Availability for a given month is as follows:

Network Availability =

[24 hours x days in month x number of customer sites] – network outage time

[24 hours x days in month x number of customer sites]

- The customer is responsible for notifying the Company when the service parameter within the calendar month falls below the committed level.
- The customer must request a service credit within 45 days after the end of the month when the failure occurred.
- Upon verification by the Company that the actual service performance for that parameter was less than the committed level, the Company has one month to correct the problem.
- If after one month, the service performance for that parameter is still less than the committed level, the customer will be provided a service credit equal to 10% of the monthly recurring charge for that service parameter for all affected ports.

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By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Service Commission

Digital Link Services Tariff
Section 25
1st Revised Sheet 6
Replacing Original Sheet 6

# OPT-E-MAN<sup>SM</sup> SERVICE

- 2. REGULATIONS (cont'd)
- (CT) 2.16 Grade of Service SLAs are provided for OPT-E-MAN Service. If the Company fails to meet service parameters defined for each Grade of Service, service credits will be offered to the customer given certain conditions are met:
- (CT) | (CT) (RT)(CT) (CT) (CT)

(AT)

- The customer is responsible for (1) notifying the Company within 45 days after the end of the month when the service parameter falls below (or above) the committed level, and (2) requesting a service credit.
- Upon notification by the customer that the actual service performance for that parameter was less than the committed level, the Company has 30 days to correct the problem.
- If after 30 days, the service performance for that parameter is still less than the committed level, the customer will be provided a service credit equal to 25% of the monthly recurring charge for that service parameter for all affected ports for the month in which the service parameters fall below (or above) the committed level.
- Packet Delivery Rate, Latency and Jitter calculations will be measured only when the OPT-E-MAN network is available.
- 2.17 Exclusions (Service Level Agreements and Grade of Service credits)

The Company will be excluded from providing Service Level Agreements credits and Grade of Service credits should any of the following conditions occur:

- Force majeure events such as, but not limited to, an earthquake, hurricane, flood, fire, storms, tornadoes, explosion, lightning, power surges or failure, fiber cuts, strikes or labor disputes, acts of war, civil disturbances, acts of civil or military authorities or public enemy, governmental orders, civil commotion, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control.
- All SLAs are offered across SBC's network. The failures of any components beyond the local facility including the Network Interface (NI), the CSU/DSU/Channel band/Extended Demarcation are excluded from the SLA calculation.
- Data loss during the Company's scheduled maintenance window.
- Data exceeding subscribed Usage.
- Failures attributed to facilities or equipment provided by customer or its contractors, equipment vendors, another local exchange carrier or inter-exchange carrier.
- Any type of Customer Network Management functionality is not included in SLAs.

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Digital Link Services Tariff

Missouri Public Section 25

Original Sheet 6

RECD MAR 31 2004 OPT-E-MAN<sup>SM</sup> SERVICE

#### 2. REGULATIONS (cont'd)

### Service Commission

- 2.16 Grade of Service guarantees are provided for OPT-E-MAN Service. If the Company fails to meet service parameters defined for each Grade of Service, service credits will be offered to the customer given certain conditions are met:
  - The customer is responsible for notifying the Company when the service parameters within the calendar month fall below (or above) the committed level.
  - The customer must request a service credit within 45 days after the end of the month when the failure occurred.
  - Upon verification by the Company that the actual service performance for that parameter was less than the committed level, the Company has one month to correct the problem.
  - If after one month, the service performance for that parameter is still less than the committed level, the customer will be provided a service credit equal to 25% of the monthly recurring charge for that service parameter for all affected ports.
- 2.17 Exclusions (Service Level Agreements and Grade of Service credits)

The Company will be excluded from providing Service Level Agreements credits and Grade of Service credits should any of the following conditions occur:

- Force majeure events such as, but not limited to, an earthquake, hurricane, flood, fire, storms, tomadoes, explosion, lightning, power surges or failure, fiber cuts, strikes or labor disputes, acts of war, civil disturbances, acts of civil or military authorities or public enemy, governmental orders, civil commotion, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control.
- All SLAs are guaranteed across SBC's network. The failures of any components beyond the local facility including the Network Interface (NI), the CSU/DSU/Channel band/Extended Demarcation are excluded from the SLA calculation.
- Data loss during the Company's scheduled maintenance window.
- Data exceeding subscribed Usage.
- Failures attributed to facilities or equipment provided by customer or its contractors, equipment vendors, another local exchange carrier or inter-exchange carrier.
- Any type of Customer Network Management functionality is not included in SLAs.

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Section 25
2nd Revised Sheet 6.1
Replacing 1st Revised Sheet 6.1

### OPT-E-MAN<sup>SM</sup> SERVICE

- 2. REGULATIONS (cont'd)
- (CT) 2.18 For Basic Plus multipoint-to-multipoint service, the Company will use controls to limit the amount of multicast and broadcast traffic to protect the OPT-E-MAN network against traffic storms. The maximum throughput of multicast traffic will be set at 1 Mbps per customer port, while the maximum throughput of broadcast traffic will be set at 200 packets per second per port. Packets dropped by traffic controls will be excluded from SLA calculations. The Company recommends that customers enable controls for multicast, broadcast and unknown unicast traffic within the customer network(s).
  - 2.19 Data exiting the network through the customer ports are excluded from SLA calculations to the extent that it exceeds the CIR for those ports.
  - 2.20 The responsibility of the Company shall be limited to furnishing the OPT-E-MAN network. Subject to this responsibility, the Company shall not be responsible for the through transmission of signals generated by CPE or for the quality of, or defects in, such transmission or the rejection of signal by CPE. The Company shall not be responsible for installation, operation, maintenance or adapting OPT-E-MAN to the technological requirements of specific CPE. In addition, the Company shall not be responsible to the customer if changes in any of the equipment, operations or procedures of the Company used in the provisioning of OPT-E-MAN render any facilities provided by the customer obsolete; or require modification or alteration of such equipment or system; or otherwise affect its use or performance, provided the Company has met all applicable information disclosure requirements otherwise required by law.
  - 2.21 Customers will be permitted to move from a 10/100 Base T to a Gigabit Ethernet interface option (staying within the Basic or Basic Plus Connection, or moving from the Basic to the Basic Plus Connection), however the Nonrecurring Charge associated with the new Gigabit Ethernet Connection will apply. However, should a customer simply wish to move from Basic to Basic Plus (without any change to the interface option; for example, retaining the 10/100 Base T interface), only the Service Order Change Charge will apply. See *RATES AND CHARGES* following.

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Section 25
1st Revised Sheet 6.1
Replacing Original Sheet 6.1

### OPT-E-MAN<sup>SM</sup> SERVICE

### 2. REGULATIONS (cont'd)

- 2.18 The Company will use controls to limit the amount of multicast and broadcast traffic to protect the OPT-E-MAN network against traffic storms. The maximum throughput of multicast traffic will be set at 1 Mbps per customer port, while the maximum throughput of broadcast traffic will be set at 200 packets per second per port. Packets dropped by traffic controls will be excluded from SLA calculations. The Company recommends that customers enable controls for multicast, broadcast and unknown unicast traffic within the customer network(s).
- 2.19 Data exiting the network through the customer ports are excluded from SLA calculations to the extent that it exceeds the CIR for those ports.
- 2.20 The responsibility of the Company shall be limited to furnishing the OPT-E-MAN network. Subject to this responsibility, the Company shall not be responsible for the through transmission of signals generated by CPE or for the quality of, or defects in, such transmission or the rejection of signal by CPE. The Company shall not be responsible for installation, operation, maintenance or adapting OPT-E-MAN to the technological requirements of specific CPE. In addition, the Company shall not be responsible to the customer if changes in any of the equipment, operations or procedures of the Company used in the provisioning of OPT-E-MAN render any facilities provided by the customer obsolete; or require modification or alteration of such equipment or system; or otherwise affect its use or performance, provided the Company has met all applicable information disclosure requirements otherwise required by law.
- (AT)

  2.21 Customers will be permitted to move from a 10/100 Base T to a Gigabit Ethernet interface option (staying within the Basic or Basic Plus Connection, or moving from the Basic to the Basic Plus Connection), however the Nonrecurring Charge associated with the new Gigabit Ethernet Connection will apply. However, should a customer simply wish to move from Basic to Basic Plus (without any change to the interface option; for example, retaining the 10/100 Base T interface), only the Service Order Change Charge will apply. See *RATES AND CHARGES*(AT)

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September 1, 2005

MISSOURI PUBLIC SERVICE COMMISSION

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### OPT-E-MAN<sup>SM</sup> SERVICE

- 2. REGULATIONS (cont'd)
  - 2.18 The Company will use controls to limit the amount of multicast and broadcast traffic to protect the OPT-E-MAN network against traffic storms. The maximum throughput of multicast traffic will be set at 1 Mbps per customer port, while the maximum throughput of broadcast traffic will be set at 200 packets per second per port. Packets dropped by traffic controls will be excluded from SLA calculations. The Company recommends that customers enable controls for multicast, broadcast and unknown unicast traffic within the customer network(s).
  - 2.19 Data exiting the network through the customer ports are excluded from SLA calculations to the extent that it exceeds the CIR for those ports.
  - 2.20 The responsibility of the Company shall be limited to furnishing the OPT-E-MAN network. Subject to this responsibility, the Company shall not be responsible for the through transmission of signals generated by CPE or for the quality of, or defects in, such transmission or the rejection of signal by CPE. The Company shall not be responsible for installation, operation, maintenance or adapting OPT-E-MAN to the technological requirements of specific CPE. In addition, the Company shall not be responsible to the customer if changes in any of the equipment, operations or procedures of the Company used in the provisioning of OPT-E-MAN render any facilities provided by the customer obsolete; or require modification or alteration of such equipment or system; or otherwise affect its use or performance, provided the Company has met all applicable information disclosure requirements otherwise required by law.

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Public Service Commission

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Digital Link Services Tariff
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1st Revised Sheet 7
Replacing Original Sheet 7

# OPT-E-MAN<sup>SM</sup> SERVICE

#### 3. DEFINITIONS

#### 3.1 Jitter

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Jitter is the delay that occurs between 2 packets or Ethernet frames that are traversing the network. Jitter is calculated as the delay variance of the packets transported across the network or the delta of delay between two consecutive packets. It is measured between two endpoints, and will consist of measuring the time between a set of packets. Jitter is measured by averaging sample measurements taken during a 30 day period between network terminating equipment to which the customer ports are attached when the OPT-E-MAN network is available.

### 3.2 <u>Latency</u>

Latency is the amount of time necessary for a typical frame to traverse the network. Latency is calculated as the measurement of time taken for a customer frame to go from one end of the network (origination point) to the other end (termination point). The measurement will consist of measuring the time it takes to "ping" or travel from the origination to termination ports for the connection in question. Latency is measured by averaging sample measurements taken during a 30 day period between network terminating equipment to which the customer ports are attached when the OPT-E-MAN network is available.

### 3.3 Media Access Control (MAC) Addresses

Denotes a data link layer protocol used for Layer 2 connectivity.

### 3.4 Packet Delivery Rate (PDR)

Packet Delivery Rate (PDR) is a measurement of the actual amount of useful and non-redundant information that is transmitted or processed from end-to-end across the network. It is a function of bandwidth, error performance, congestion and other factors. PDR is expressed as a percentage of Ethernet frames offered to the network that successfully traverse the network, end-to-end, within the CIR, and within a 30 day period. PDR is calculated as the total number of effective Ethernet frames, per port, that successfully traverse the network divided by the total number of effective Ethernet frames, per port, offered to the network within a 30 day period. Those frames that violate the maximum range will be excluded from the calculation. PDR is measured by averaging sample measurements taken during a 30 day period from network terminating equipment to network terminating equipment to which the customer ports are attached when the OPT-E-MAN network is available.



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# Missouri Public

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# OPT-E-MANSM STECTICEMAR 31 2004

#### 3. DEFINITIONS

#### Service Commission

#### 3.1 Jitter

Jitter is the delay that occurs between 2 packets or Ethernet frames that are traversing the network. Jitter is calculated as the delay variance of the packets transported across the network or the delta of delay between two consecutive packets. It is measured between two endpoints, and will be taken during the network busy hour and will consist of measuring the time between a set of packets. Jitter is measured by averaging sample measurements taken during a calendar month between network terminating equipment to which the customer ports are attached.

#### 3.2 Latency

Latency is the amount of time necessary for a typical frame to traverse the network. Latency is calculated as the measurement of time taken for a customer frame to go from one end of the network (origination point) to the other end (termination point). The measurement will be taken during the network busy hour and will consist of measuring the time it takes to "ping" or travel from the origination to termination ports for the connection in question. Latency is measured by averaging sample measurements taken during a calendar month between network terminating equipment to which the customer ports are attached.

### 3.3 Media Access Control (MAC) Addresses

Denotes a data link layer protocol used for Layer 2 connectivity.

#### 3.4 Packet Delivery Rate (PDR)

Packet Delivery Rate (PDR) is a measurement of the actual amount of useful and non-redundant information that is transmitted or processed from end-to-end across the network. It is a function of bandwidth, error performance, congestion and other factors. PDR is expressed as a percentage of Ethernet frames offered to the network that successfully traverse the network, end-to-end, within a calendar month. PDR is calculated as the total number of effective Ethernet frames, per port, that successfully traverse the network divided by the total number of effective Ethernet frames, per port, offered to the network within a calendar month. Those frames that violate the maximum range will be excluded from the calculation. PDR is measured by averaging sample measurements taken during a calendar month from network terminating equipment to network terminating equipment to which the customer ports are attached.

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Service Commission

Digital Link Services Tariff Section 25 1st Revised Sheet 8 Replacing Original Sheet 8

# OPT-E-MAN<sup>SM</sup> SERVICE

#### 4. TECHNICAL SPECIFICATIONS PACKAGES

The customer interface to OPT-E-MAN Service is as specified in:

<u>Subject</u> <u>Technical Reference</u>

Ethernet Standards SBC TP-76412-000 Network Equipment Design Requirements SBC TP-76200MP

These publications may be obtained from:

SBC Help Desk and Document Center 517-788-6872

#### 5. SERVICE COMPONENTS

There are two standard (or required) rate elements which apply for OPT-E-MAN Service: (CT)

Connection and Committed Information Rate (CIR).

#### 5.1 Connection

Provides for the physical connection between the customer's premise and the serving wire center. This is comprised of a transport component, interface component and a port connection component. Several interface protocols are available: 10/100 Base T and Gigabit Ethernet (1000 Base SX, 1000 Base LX/LH or 1000 Base ZX).

- (CT) 5.2 Committed Information Rate (CIR)
- (CT) CIR provides a committed level of transmission (or bandwidth) to the Connection. The customer can select a CIR from 5 Mbps to 1 Gbps per connection. The CIR is shared among one or more
- (RT) Ethernet Virtual Connections (EVCs), which provide a logical point-to-point connection between
- (AT) two customer locations.



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OPT-E-MAN<sup>SM</sup> SERVICE MAR 31 2004

TECHNICAL SPECIFICATIONS PACKAGES Service Commission

The customer interface to OPT-E-MAN Service is as specified in:

Subject

**Technical Reference** 

**Ethernet Standards** 

Network Equipment Design Requirements

SBC TP-76412-000

CANCELLED SBC TP-76200MP

These publications may be obtained from:

SBC Help Desk and Document Center

517-788-6872

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Public Service Commission

SERVICE COMPONENTS

There are two standard (or required) rate elements which apply for OPT-E-MAN Service: Connection and Bandwidth Usage.

5.1 Connection

Provides for the physical connection between the customer's premise and the serving wire center. This is comprised of a transport component, interface component and a port connection component. Several interface protocols are available: 10/100 BaseT and Gigabit Ethernet (1000 Base SX, 1000 Base LX/LH or 1000 Base ZX).

5.2 Bandwidth Usage

Bandwidth Usage is inclusive of the Committed Information Rate (CIR) and 1 Ethernet Virtual Connection (EVC). CIR provides a statistically guaranteed level of transmission (or guaranteed bandwidth) to the Connection. The customer can select a CIR from 10 Mbps to 1 Gbps per connection. The EVC provides a logical point-to-point connection between two customer locations.

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No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
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1st Revised Sheet 9
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# OPT-E-MAN<sup>SM</sup> SERVICE

### 5. SERVICE COMPONENTS (cont'd)

In addition, there are three optional rate elements which may apply to OPT-E-MAN, depending on the customer's configuration: Repeater, Ethernet Virtual Connections (EVC) and Additional MAC Addresses.

#### 5.3 Repeater

For those customers who are located outside normal transmission parameters, or who are served by a Serving Wire Center that is not equipped for OPTE-MAN Service, service can be provided using a repeater. An engineering study will be completed to ensure transmission parameters can be met using a repeater, and the Company will determine when Repeaters are necessary. Additional charges will apply. Provisioning of OPT-E-MAN Service is subject to the availability and operational limitations of the equipment and associated facilities.

#### 5.4 Ethernet Virtual Connections (EVC)

An Ethernet Virtual Connection is a logical point-to-point connection between two customer locations, and goes from the customer demarcation point at one location through the OPT-E-MAN network to terminate at the demarcation point at the second customer location. When multiple EVCs are provisioned, the customer must designate the portion of the CIR assigned to each EVC. EVCs can be set in 1 Mbps increments from 5 Mbps to 1000 Mbps. If a customer purchases the Silver Grade of Service for CIR, the initial EVC will be prioritized as Silver. Additional EVCs can be prioritized as either Silver or Bronze. However, if a customer purchases the Bronze Grade of Service for CIR, additional EVCs cannot be prioritized as Silver, but only as Bronze.

#### 5.5 Additional MAC Addresses

If a customer connects to the OPT-E-MAN network using a bridge or switch for Layer 2 connectivity, only 50 MAC addresses can be used per Layer 2 device, per port. Any additional addresses will be assessed an additional charge, with a limit of 100 MAC addresses total per port.

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Section 25 Original Sheet 9

OPT-E-MAN<sup>SM</sup> SERVICE 31 2004

SERVICE COMPONENTS (cont'd)

Service Commission

In addition, there are three optional rate elements which may apply to OPT-E-MAN, depending on the customer's configuration: Repeater, Ethernet Virtual Connections (EVC) and Additional MAC Addresses.

### 5.3 Repeater

For those customers who are located outside normal transmission parameters, or who are served by a Serving Wire Center that is not equipped for OPT-E-MAN Service, service can be provided using a repeater. An engineering study will be completed to ensure transmission parameters can be met using a repeater, and the Company will determine when Repeaters are necessary. Additional charges will apply. Provisioning of OPT-E-MAN Service is subject to the availability and operational limitations of the equipment and associated facilities.

### 5.4 Ethernet Virtual Connections (EVC)

An Ethernet Virtual Connection is a logical point-to-point connection between two customer locations, and goes from the customer demarcation point at one location through the OPT-E-MAN network to terminate at the demarcation point at the second customer location. The first EVC is included with the Bandwidth Usage selected. Additional EVCs may be ordered to establish additional virtual connections over the same connection. When additional EVCs are ordered, the customer must designate the portion of the Bandwidth Usage assigned to each EVC. EVCs can be set in 1 Mbps increments from 5 Mbps to 1000 Mbps. Additional EVC rate elements are assessed per EVC in increments of 5-100 Mbps, 101-500 Mbps and 501-1000 Mbps. If a customer purchases the Silver Grade of Service for Bandwidth Usage, the initial EVC will be prioritized as Silver. Additional EVCs can be prioritized as either Silver or Bronze. However, if a customer purchases the Bronze Grade of Service for Bandwidth Usage, additional EVCs cannot be prioritized as Silver, but only as Bronze.

#### 5.5 Additional MAC Addresses

If a customer connects to the OPT-E-MAN network using a bridge or switch for Layer 2 connectivity, only 50 MAC addresses can be used per Layer 2 device, per port. Any additional addresses will be assessed an additional charge, with a limit of 100 MAC addresses total per port.

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Missouri Public Service Commission

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Digital Link Services Tariff Section 25 1st Revised Sheet 10 Replacing Original Sheet 10

# OPT-E-MAN<sup>SM</sup> SERVICE

#### 6. SERVICE CONFIGURATIONS

The following diagram describes a standard service configuration:

(CT) CIR (20 Mbps) Connection Ethernet Network Cloud Ethernet Virtual Connection /1/ Serving Wire Customer (5 Mbps) Center Premise Network Ethernet Virtual Terminating Connection Equipment (CT) (15 Mbps)

(CP) /1/ Ethernet Virtual Connections are used to establish a path for certain traffic between two customer locations, and do not have a charge associated with them. Each EVC must have a portion of the CP) Committed Information Rate (CIR) service element assigned to it.

Issued: February 15, 2005 Effective: March 18, 2005

FILED MO PSC P.S.C. Mo.- No. 38

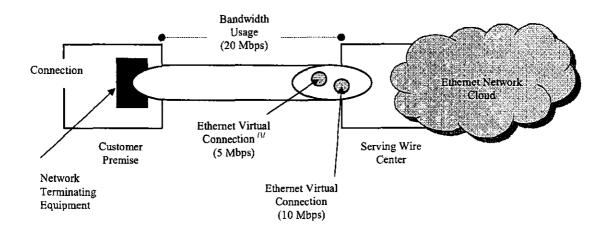
No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 25
Original Sheet 10

OPT-E-MAN<sup>SM</sup> SERVICE MAR 31 2004

6. SERVICE CONFIGURATIONS

Service Commission

The following diagram describes a standard service configuration:



MAR 1 8 2005

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MAR 1 8 2005

/1/ One Ethernet Virtual Connection (EVC) is included in the Bandwidth Usage element ordered by the customer.

Issued: March 31, 2004

Effective: May 1, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Service Commission

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Digital Link Services Tariff Section 25 1st Revised Sheet 11 Replacing Original Sheet 11

# OPT-E-MAN<sup>SM</sup> SERVICE

#### 7. RATES AND CHARGES

There are two types of rates and charges for OPT-E-MAN Service: Nonrecurring Charges and Recurring Charges.

- 7.1 Nonrecurring Charges are one-time charges that apply for specific work activity related to the provisioning of OPT-E-MAN Service.
- 7.2 Recurring Charges are flat recurring rates that apply each month or fraction thereof that the service is provided. Recurring rates may be applied only over a 12, 24, 36, or 60 month period under the terms and conditions of the Term Pricing Plan (TPP), described in 8. following. Upon completion of a TPP, a customer's service will automatically convert to the Monthly Extension rates unless the customer requests a new TPP. No customer shall purchase OPT-E-MAN Service on a month-to-month basis prior to the completion of a TPP.

		Non-		Term Payment Plans			_
		recurring	12	24	36	60	Monthly
	Description	Charge <sup>/1/</sup>	Months	Months	Months	Months	Extension
	Standard Charges						
	Connection, each customer location						
	Basic Service						
	10/100 Base T	\$1,925.00	\$ 780.00	\$ 750.00	\$ 650.00	\$575.00	\$ 925.00
	Gigabit Ethernet	2,100.00	1,200.00	1,150.00	1,000.00	850.00	1,400.00
(AT)	Basic Plus Service	1.025.00	700.00	750.00	650.00	575.00	025.00
(NR)	10/100 Base T	1,925.00	780.00	750.00	650.00	575.00	925.00
(NR)	Gigabit Ethernet	2,100.00	1,200.00	1,150.00	1,000.00	850.00	1,400.00

/1/ Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60 month Term Payment Plan (TPP) period for new service.



Digital Link Services Tariff

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OPT-E-MAN<sup>SM</sup> SERVICE 2004

#### 7. RATES AND CHARGES

### Service Commission

There are two types of rates and charges for OPT-E-MAN Service: Nonrecurring Charges and Recurring Charges.

- 7.1 Nonrecurring Charges are one-time charges that apply for specific work activity related to the provisioning of OPT-E-MAN Service.
- 7.2 Recurring Charges are flat recurring rates that apply each month or fraction thereof that the service is provided. Recurring rates may be applied only over a 12, 24, 36, or 60 month period under the terms and conditions of the Term Pricing Plan (TPP), described in 8. following. Upon completion of a TPP, a customer's service will automatically convert to the Monthly Extension rates unless the customer requests a new TPP. No customer shall purchase OPT-E-MAN Service on a month-to-month basis prior to the completion of a TPP.

			Monthly Payment			
	Non-		Term Payı	nent Plans		
	recurring	12	24	36	60	Monthly
Description	Charge <sup>/1/</sup>	Months	Months	Months	Months	Extension

#### Standard Charges

Connection,

each customer location

Basic Service

10/100 Base T Gigabit Ethernet \$1,925.00 2,100.00

\$ 780.00 1200.00 \$ 750.00 1,150.00 \$ 650.00 1\( \)000.00 \$575.00 850.00 \$ 925.00 1,400.00

CANCELLED

MAR 1 8 2005

Public Service Commission MISSOURI

Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60 month Term Payment Plan (TPP) period for new service.

Issued: March 31, 2004

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By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Service Commission

FILED MAY 01 2004

Digital Link Services Tariff
Section 25
3rd Revised Sheet 12
Replacing 2nd Revised Sheet 12

# OPT-E-MAN<sup>SM</sup> SERVICE

7. RATES AND CHARGES (cont'd)

KATLS AND CHARGES (cont d)		Monthly	Price	
	Name	Grade of Service		
Description	Nonrecurring Charge <sup>/1/</sup>	Bronze	Silver	
Standard Charges (cont'd)				
Committed Information Rate (CIR) (Mbps) - per port				
5	\$75.00	\$ 450.00 (CR)	\$ 650.00 (CR)	
10	75.00	650.00 (CR)	850.00 (CR)	
20	75.00	900.00 (CR)	1,100.00 (CR)	
50	75.00	1,025.00 (CR)	1,225.00 (CR)	
100	75.00	1,200.00 (CR)	1,400.00 (CR)	
250	75.00	1,575.00 (CR)	1,975.00 (CR)	
500	75.00	1,900.00 (CR)	2,300.00 (CR)	
1000	75.00	2,575.00 (CR)	2,975.00 (CR)	

Nonrecurring charges will be waived for those customers selecting the 24-, 36- or 60-month Term Payment Plan (TPP) period for new service.

Issued: August 1, 2005 Effective: September 1, 2005



Digital Link Services Tariff
Section 25
2nd Revised Sheet 12
Replacing 1st Revised Sheet 12

# OPT-E-MAN<sup>SM</sup> SERVICE

### 7. RATES AND CHARGES (cont'd)

	,. Tarras in to em medas (com a)		Monthl	y Price	
		N	Grade of Service		
	Description	Nonrecurring Charge <sup>/1/</sup>	Bronze	Silver	
	Standard Charges (cont'd)				
	Committed Information Rate (CIR) (Mbps) - per port				
	5	\$75.00	\$1,000.00	\$1,200.00	
(DR)	10	75.00	1,200.00	1,375.00	
, ,	20	75.00	1,350.00	1,525.00	
(DR)					
(DR)					
, ,	50	75.00	1,675.00	1,900.00	
(DR) (DR)					
(DK)	100	75.00	2,350.00	2,675.00	
(DR)					
(DR)					
(DIC)	250	75.00	3,100.00	3,750.00	
(DR)					
(DR)	500	75.00	3,750.00	4,500.00	
(DR)			,	,	
(DR)					
	1000	75.00	4,500.00	5,400.00	
	/1/ Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60 month Term				

Issued: March 25, 2005 Effective: April 26, 2005

Payment Plan (TPP) period for new service.



Digital Link Services Tariff Section 25 1st Revised Sheet 12 Replacing Original Sheet 12

### OPT-E-MAN<sup>SM</sup> SERVICE

### 7. RATES AND CHARGES (cont'd)

				Month	ıly Price
				Grade of Service	
	Description	n	Nonrecurring Charge <sup>/1/</sup>	Bronze	Silver
	Standard (	<u>Charges</u> (cont'd)			
(CT)	Committed	d Information Rate (CIR) (Mbps)			
(NR)	5		\$75.00	\$1,000.00	\$1,200.00
	10		75.00	1,200.00	1,375.00
	15		75.00	1,350.00	1,525.00
(CR)	20		75.00	1,350.00	1,525.00
. ,	25		75.00	1,675.00	1,900.00
	30		75.00	1,800.00	2,050.00
	40		75.00	1,950.00	2,200.00
(CR)	50	CANCELLED	· 75.00	1,675.00	1,900.00
	60	OMMON' A CITIS	75.00	2,350.00	2,675.00
	80	,	75.00	2,650.00	3,000.00
(CR)	100	APR <sub>.</sub> /2 6 2005	75.00	2,350.00	2,675.00
	125	$and p \leq 12$	75.00	2,900.00	3,275.00
	150		75.00	3,500.00	4,000.00
	175	Public Service Commission MISSOURI	75.00	4,200.00	4,750.00
	200	MIGOUUNI	75.00	4,400.00	4,975.00
(CR)	250		75.00	3,100.00	3,750.00
	300		75.00	5,000.00	5,650.00
a =	400	CANCELLED	75.00	5,300.00	6,000.00
(CR)	500	<del></del>	75.00	3,750.00	4,500.00
	600	September 1, 2005	75.00	5,900.00	6,675.00
	700		75.00	6,200.00	7,000.00
	800	MISSOURI PUBLIC	75.00	6,500.00	7,350.00
(CD)	900	SERVICE COMMISSION	75.00	6,800.00	7,700.00
(CR)	1000	SHEET COMMISSION	75.00	4,500.00	5,400.00

/1/ Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60 month Term Payment Plan (TPP) period for new service.

Issued: February 15, 2005

Effective: March 18, 2005



## Missouri Public

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Original Sheet 12

RECD MAR 31 2004 SERVICE

OPT-E-MAN<sup>SM</sup>

Service Commission

MAR 1 8 2005		Monthl	y Price	
Description Public Service Commission MISSOURI	Nonrecurring	Grade of	Service	
Description MISSOUTH	Charge <sup>/1/</sup>	Bronze	Silver	
Standard Charges (cont'd)				
Bandwidth Usage (Mbps)				

per port

10	\$75.00	\$1,200.00	\$1,375.00
15	75.00	1,350.00	1,525.00
20	75.00	1,550.00	1,775.00
25	75.00	1,675.00	1,900.00
30	75.00	1,800.00	2,050.00
40	75.00	1,950.00	2,200.00
50	75.00	2,150.00	2,425.00
60	75.00	2,350.00	2,675.00
80	75.00	2,650.00	3,000.00
100	75.00	2,825.00	3,200.00
125	75.00	2,900.00	3,275.00
150	75.00	3,500.00	4,000.00
175	75.00	4,200.00	4,750.00
200	75.00	4,400.00	4,975.00
250	75.00	4,800.00	5,425.00
300	75.00	5,000.00	5,650.00
400	75.00	5,300.00	6,000.00
500	75.00	5,600.00	6,325.00
600	75.00	5,900.00	6,675.00
700	75.00	6,200.00	7,000.00
800	75.00	6,500.00	7,350.00
900	75.00	6,800.00	7,700.00
1000	75.00	7,100.00	8,025.00

Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60 month Term Payment Plan (TPP) period for new service.

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By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Service Gemmission

Digital Link Services Tariff Section 25 1st Revised Sheet 13 Replacing Original Sheet 13

### OPT-E-MAN<sup>SM</sup> SERVICE

### 7. RATES AND CHARGES (cont'd)

			Monthly Price		
			Grade of	Service	
(CP)	Description	Nonrecurring Charge	Bronze	Silver	
	<u>Optional Charges</u>				
(CR)	Ethernet Virtual Connection (EVC) <sup>/1/</sup> - per connection	\$0.00	\$0.00	\$0.00	
(DR)   (DR)					

			Monthly Payment			
	Non-		Term Payment Plans			
	Recurring	12	24	36	60	Monthly
Description	Charge <sup>/2/</sup>	Months	Months	Months	Months	Extension
Repeater, each	\$250.00	\$400.00	\$375.00	\$325.00	\$300.00	\$475.00

- (CP) /1/ Ethernet Virtual Connections (EVCs) are required for provisioning purposes only, and as such will not have a charge associated with them.
  - /2/ Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60 month Term Payment Plan (TPP) period for new service.

Issued: February 15, 2005 Effective: March 18, 2005



# Digital Link Services Tariff Missouri Public Section 25

Section 25

Original Sheet 13

### **REC'D MAR 31 2004**

OPT-E-MAN<sup>SM</sup> SERVICE

7. RATES AND CHARGES (cont'd)

Service Commission

					e	
				C	rade of Serv	ice
Description			nrecurring Charge <sup>/2/</sup>	Bronze		Silver
Optional Charges						
Ethernet Virtual Con- per additional con	` ,	/1/				
10 - 100 Mbps		\$	570.00	\$ 50.00	H	\$ 60.00
101 – 500 Mbps			70.00	100.00		115.00
501 – 1,000 Mbp	S		70.00	150.00		175.00
	,					-
			Monthly	Payment		
	Non-	Term Payment Plans				
	Recurring	12	24	36	60	Monthly
Description	Charge <sup>nī</sup>	Months	Months	Months	Months	Extension
Repeater, each	\$250.00	\$400.00	\$375.00	\$325.00	\$300.00	\$475.00

## CANCELLED

MAR 1 8 2005

ce Commission

One EVC is included in the Bandwidth Usage selected by the customer. Charges shown above apply for additional EVCs required by the customer.

Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60 month Term Payment Plan (TPP) period for new service.

Issued: March 31, 2004

Effective: May 1, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri

Missouri Public Servico Cemmission St. Louis, Missouri

FILED MAY 01 2004

(CT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 25 1st Revised Sheet 14 Replacing Original Sheet 14

### OPT-E-MAN<sup>SM</sup> SERVICE

### 7. RATES AND CHARGES (cont'd)

Description	Nonrecurring Charge	Monthly Price
<u>Optional Charges</u>		
Additional MAC Addresses <sup>/1/</sup> - 51-100 MAC addresses	\$ 70.00	\$ 5.00
Service Order Cancellation - per location	200.00	
Expedite Order Charge - per location	300.00	
<ul><li>Service Order Change Charge</li><li>applies to CIR Changes, EVC Changes and Configuration Changes, per location</li></ul>	75.00	

Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60 month Term Payment Plan (TPP) period for new service.

Issued: February 15, 2005 Effective: March 18, 2005



P.S.C. Mo.- No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff

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Original Sheet 14

## **REC'D MAR 31 2004**

OPT-E-MAN<sup>SM</sup> SERVICE

7. RATES AND CHARGES (cont'd)

### Service Commission

Description	Nonrecurring Charge	Monthly Price
Optional Charges		
Additional MAC Addresses /1/ - 51-100 MAC addresses	\$ 70.00	\$ 5.00
Service Order Cancellation - per location	200.00	
Expedite Order Charge - per location	300.00	
Service Order Change Charge - applies to Bandwidth Usage Changes, EVC Changes and Configuration Changes, per location	75.00	

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MAR 1 8 2005

Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60 month Term Payment Plan (TPP) period for new service.

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Effective: May 1, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Publie Service Commission

(CP)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Digital Link Services Tariff
Section 25
1st Revised Sheet 15
Replacing Original Sheet 15

### OPT-E-MAN<sup>SM</sup> SERVICE

#### 8. TERM PRICING PLAN

8.1 The Term Pricing Plan provides the customer with rate stabilization and discounted tariff rates. The Term Pricing Plan provides for one, two, three or five year rate stabilization. Decreases in Term monthly recurring tariff rates will be passed on to customers who participate in a Term Pricing Plan.

- 8.2 Should the Company increase its rates during the Term Pricing Plan period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the Term Pricing Plan.
  - 8.3 The customer may choose to terminate an existing TPP before the end of the 12-, 24-, 36-, or 60-month period and negotiate a new 12-, 24-, 36-, or 60-month TPP only when the new TPP period is longer than the remaining period currently in effect. The new TPP must be based upon the rates that are currently in effect and available to all customers.
  - 8.4 The customer must provide the Company with a written notice of intent to renew a TPP no later than 90 days prior to its expiration. If the customer elects not to renew the TPP, or does not notify the Company of the customer's intent to renew the TPP, the service will automatically be billed under the tariffed monthly extension rates in effect at the time that TPP expires. Subsequently, customers under the tariffed monthly extension rates may convert their existing service to either a 12-, 24-, 36-, or 60- month TPP. Nonrecurring charges will be waived at the time of conversion.
  - 8.5 Any special construction charges incurred for services billed under a TPP will be applicable as provided for in Section 1 of this tariff.
  - 8.6 If the customer terminates the TPP agreement prior to the expiration of the 12-, 24-, 36-, or 60-month service term, the customer shall pay a termination charge. Payment of the termination charge does not release the customer from other previous amounts owed to the Company. In addition to any unpaid Special Construction or nonrecurring charges (excluding any waived charges), Termination Charges will be equal to:
    - Fifty percent (50%) of all recurring charges for the remaining months of the customer's term

Issued: April 8, 2005 Effective: May 11, 2005



CANCELLED P.S.C. Mo.- No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff

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OPT-E-MANSM SERECCEMAR 31 2004

#### 8. TERM PRICING PLAN

### Service Commission

- 8.1 The Term Pricing Plan provides the customer with rate stabilization and discounted tariff rates. The Term Pricing Plan provides for one, two, three or five year rate stabilization. Decreases in Term monthly recurring tariff rates will be passed on to customers who participate in a Term Pricing Plan. The Company will notify customers participating in a Term Pricing Plan when Term monthly recurring rates are decreased.
- 8.2 Should the Company increase its rates during the Term Pricing Plan period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the Term Pricing Plan.
- 8.3 The customer may choose to terminate an existing TPP before the end of the 12, 24, 36, or 60 month period and negotiate a new 12, 24, 36, or 60 month TPP only when the new TPP period is longer than the remaining period currently in effect. The new TPP must be based upon the rates that are currently in effect and available to all customers.
- 8.4 The customer must provide the Company with a written notice of intent to renew a TPP no later than 90 days prior to its expiration. If the customer elects not to renew the TPP, or does not notify the Company of the customer's intent to renew the TPP, the service will automatically be billed under the tariffed monthly extension rates in effect at the time that TPP expires. Subsequently, customers under the tariffed monthly extension rates may convert their existing service to either a 12, 24, 36, or 60 month TPP. Nonrecurring charges will be waived at the time of conversion.
- 8.5 Any special construction charges incurred for services billed under a TPP will be applicable as provided for in Section 1 of this tariff.
- 8.6 If the customer terminates the TPP agreement prior to the expiration of the 12, 24, 36, or 60 month service term, the customer shall pay a termination charge. Payment of the termination charge does not release the customer from other previous amounts owed to the Company. In addition to any unpaid Special Construction or nonrecurring charges (excluding any waived charges), Termination Charges will be equal to:
  - Fifty percent (50%) of all recurring charges for the remaining months of the customer's term

Issued: March 31, 2004 Effective: May 1, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Service Commission

Digital Link Services Tariff
Section 25
1st Revised Sheet 16
Replacing Original Sheet 16

### OPT-E-MAN<sup>SM</sup> SERVICE

- 8. TERM PRICING PLAN (cont'd)
- (CT) 8.7 Customers may upgrade their CIR to a higher speed without incurring Termination Charges.
  - 8.8 Customers may move their existing service to a new location without incurring Termination Charges provided all of the following conditions are met:
    - The customer maintains the existing TPP at the new location or establishes a new TPP equal to or greater than the old location;
    - During the TPP, a customer may move an OPT-E-MAN Service location to another premises in the same LATA and keep the TPP in force without assessment of Termination Charges, provided no lapse in billing occurs;
    - The customer's request for disconnect at the existing location and the request for service at the new location are received at the same time, and the customer's disconnect order for the existing service references the new connect order for the new service;
    - Moves of one location to a premise in a different serving office may result in a change in the monthly charges. Nonrecurring charges as appropriate are applicable.
    - If the customer moves more than one location of the service concurrently, the customer will be liable for Termination Charges, as this is considered a complete disconnect of the service.

Issued: February 15, 2005 Effective: March 18, 2005



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OPT-E-MANSM SERVICEMAR 31 2004

TERM PRICING PLAN (cont'd)

### Service Commission

- 8.7 Customers may upgrade their Bandwidth Usage to a higher speed without incurring Termination Charges.
- 8.8 Customers may move their existing service to a new location without incurring Termination Charges provided all of the following conditions are met:
  - The customer maintains the existing TPP at the new location or establishes a new TPP equal to or greater than the old location;
  - During the TPP, a customer may move an OPT-E-MAN Service location to another premises in the same LATA and keep the TPP in force without assessment of Termination Charges, provided no lapse in billing occurs;
  - The customer's request for disconnect at the existing location and the request for service at the new location are received at the same time, and the customer's disconnect order for the existing service references the new connect order for the new service;
  - Moves of one location to a premise in a different serving office may result in a change in the monthly charges. Nonrecurring charges as appropriate are applicable.
  - If the customer moves more than one location of the service concurrently, the customer will be liable for Termination Charges, as this is considered a complete disconnect of the service.

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MAR 1 8 2005

MAR 2 8 2005

Public Service Commission

Public Service Commission

Issued: March 31, 2004

Effective: May 1, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

Missouri Public Service Commission CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff Section 25 1st Revised Sheet 17 Replacing Original Sheet 17

### OPT-E-MAN<sup>SM</sup> SERVICE

(MT) Text formerly appearing on this sheet now appears in the Appendix found at the end of this Section.



CANCELLED P.S.C. Mo.- No. 38

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

MAR 1 8 2005 Service Commission MISSOURI OPT-E-MAN<sup>SM</sup> SERVICE Digital Link Services Tariff Section 25 Original Sheet 17

Missouri Public Service Commission

#### 9. PROMOTIONS

**REC'D MAY 19 2004** 

This section provides for promotions that will be available under the OPT-E-MAN Service tariff and, unless otherwise stated, the Rules and Regulations for OPT-E-MAN Service will apply. The rules and regulations are in addition to other rules and regulations as contained in this and other Company tariffs.

#### 9.1 Promotional Period for OPT-E-MAN Service

A promotional period will be conducted from June 18, 2004 through September 16, 2004 for new customers subscribing to OPT-E-MAN Service. This promotion offers a variable discount to OPT-E-MAN customers who subscribe to both the Basic Service Connection and Bandwidth Usage rate elements for an agreed-upon number of connections, only at the 10 Mbps, 100 Mbps or 1 Gbps Bandwidth Usage rates. In addition, if the customer requires additional Ethernet Virtual Connections (EVCs), those are available under this promotion at a discounted rate.

### 9.2 Eligibility Criteria

In order to qualify for the OPT-E-MAN Service promotion, the following conditions must be met:

- The promotion will be available to new customers entering into either a 36 month or 60 month agreement.
- A written agreement must be executed by SBC that includes the term period, the discount
  rates and the service locations. The customer will not receive the discount if, at the time of
  billing, the number of connections in service is less than those specified in the written
  agreement.
- Special Construction Charges may apply.
- Nonrecurring charges for the Basic Service Connection, Bandwidth Usage and EVC elements will be waived when new service is established under this promotion.
- Tariff charges will apply for any Optional Features subscribed to by the customer during this promotional period.
- If the customer terminates the agreement prior to the expiration of the 36 or 60 month service term, the customer shall pay a termination charge. Payment of the termination charge does not release the customer from other previous amounts owed to the Company. In addition to any unpaid Special Construction or nonrecurring charges (excluding any waived charges), Termination Charges will be equal to fifty percent (50%) of all recurring charges for the remaining months of the customer's term.

  Missouri Public

Service Commission

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1st Revised Sheet 18
Replacing Original Sheet 18

## OPT-E-MAN<sup>SM</sup> SERVICE

(MT) Text formerly appearing on this sheet now appears in the Appendix found at the end of this Section.



Digital Link Services Tariff Section 25 Original Sheet 18

OPT-E-MAN<sup>SM</sup> SERVICE

Missouri Public Service Commission

9. PROMOTIONS (cont'd)

**REC'D MAY 19 2004** 

9.3 Promotional Pricing

	Bronze	Bronze Package		Package
Description	36 Month	60 Month	36 Month	60 Month
10 Mbps				

10/100 Base T Basic Service Connection and Bandwidth Usage (10 Mbps)

- per Connection

2 – 4 Connections	\$1,320.00	\$1,200.00	Not Available
5 – 9 Connections	1,155.00	1,050.00	Not Available
10+ Connections	1,100.00	1,000.00	Not Available

### 100 Mbps

10/100 Base T Basic Service Connection and Bandwidth Usage (100 Mbps)

- per Connection

2 – 4 Connections	\$1,430.00	\$1,300.00	\$1,485.00	\$1,350.00
5 ~ 9 Connections	1,320.00	1,200.00	1,375.00	1,250.00
10+ Connections	1,265.00	1.150.00	1,320.00	1.200.00

### 1 Gbps

1 Gbps Optical Basic Service Connection and Bandwidth Usage (1 Gbps)

- per Connection

F				
2 – 4 Connections	\$1,650.00	\$1,500.00	\$1,705.00	\$1,550.00
5 – 9 Connections	1,430.00	1,300.00	1,485.00	1,350.00
10+ Connections	1.320.00	1.200.00	1.375.00	1.250.00

#### **Ethernet Virtual Connections (EVCs)**

- per additional Connection

10 or 100 Mbps	\$25.00	\$25.00	\$30.00	\$30.00
1 Gbps	75.00	75.00	87.50	87.50

CANCELLED

MAR 1 8 2005

Missouri Public Service Commission

FILED JUN 18 2004

Issued: May 19, 2004

Effective: June 18, 2004

CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 25
1st Revised Sheet 19
Replacing Original Sheet 19

### OPT-E-MAN<sup>SM</sup> SERVICE

(MT) Text formerly appearing on this sheet now appears in the Appendix found at the end of this Section.



Digital Link Services Tariff Section 25 Original Sheet 19

### OPT-E-MAN<sup>SM</sup> SERVICE

#### 9. PROMOTIONS (cont'd)

#### 9.4 Promotional Period for OPT-E-MAN Service

A promotional period will be conducted from October 4, 2004 through January 5, 2005 for new customers subscribing to OPT-E-MAN Service. This promotion offers a variable discount to OPT-E-MAN customers who subscribe to the Basic Service Connection, Bandwidth Usage and Ethernet Virtual Connection (EVC) rate elements for an agreed-upon number of connections.

### 9.5 Eligibility Criteria

In order to qualify for the OPT-E-MAN Service promotion, the following conditions must be met:

- The promotion will be available to new customers entering into either a 36 month or 60 month agreement.
- A written agreement must be executed by SBC Missouri that includes the term period, the
  discount rates and the service locations. The customer will not receive the discount if, at the
  time of billing, the number of connections in service is less than those specified in the
  written agreement.
- Special Construction Charges may apply.
- Nonrecurring charges for the Basic Service Connection, Bandwidth Usage and EVC elements will be waived when new service is established under this promotion.
- Tariff charges will apply for any Optional Features subscribed to by the customer during this promotional period.
- If the customer terminates the agreement prior to the expiration of the 36 or 60 month service term, the customer shall pay a termination charge. Payment of the termination charge does not release the customer from other previous amounts owed to the Company. In addition to any unpaid Special Construction or nonrecurring charges (excluding any waived charges), Termination Charges will be equal to fifty percent (50%) of all recurring charges for the remaining months of the customer's term.

CANCELLED

MAR 1 8 2005

Public Service Commission

Issued: September 24, 2004

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By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 25
1st Revised Sheet 20
Replacing Original Sheet 20

### OPT-E-MAN<sup>SM</sup> SERVICE

(MT) Text formerly appearing on this sheet now appears in the Appendix found at the end of this Section.



Digital Link Services Tariff Section 25 Original Sheet 20

OPT-E-MAN<sup>SM</sup> SERVICE

CANCELLED

9. PROMOTIONS (cont'd)

9.6 Promotional Pricing

MAR 1 8 2005

Public Service Commission

10/100 Base T Connection Options

	Bronze Package		Silver Package	
Description	36 Months	60 Months	36 Months	60 Months

10 Mbps

Basic Service Connection, Bandwidth Usage (10 Mbps) and Ethernet Virtual Connections (10-100 Mbps)

- per Connection

1 – 9 Connections	\$1,785.00	\$1,600.00	\$1,985.00	\$1,800.00
10+ Connections	1.300.00	1.175.00	1,500.00	1.375.00

### 20 Mbps

Basic Service Connection, Bandwidth Usage (20 Mbps) and Ethernet Virtual Connections (10-100 Mbps)

- per Connection

1 – 9 Connections	2,150.00	1,950.00	2,350.00	2,150.00
10+ Connections	1,550.00	1,400.00	1,750.00	1,600.00

#### 50 Mbps

Basic Service Connection, Bandwidth Usage (50 Mbps) and Ethernet Virtual Connections (10-100 Mbps)

- per Connection

1 – 9 Connections	2,300.00	2,075.00	2,500.00	2,275.00
10+ Connections	1,675.00	1,500.00	1,875.00	1,700.00

#### 100 Mbps

Basic Service Connection, Bandwidth Usage (100 Mbps) and Ethernet Virtual Connections (10-100 Mbps)

- per Connection

1 – 9 Connections	2,550.00	2,300.00	2,750.00	2,500.00
10+ Connections	1,850.00	1,675.00	2,050.00	1,875.00

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Effective: October 4, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 25
1st Revised Sheet 21
Replacing Original Sheet 21

### OPT-E-MAN<sup>SM</sup> SERVICE

(MT) Text formerly appearing on this sheet now appears in the Appendix found at the end of this Section.



Digital Link Services Tariff Section 25 Original Sheet 21

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OPT-E-MAN<sup>SM</sup> SERVICE

9. PROMOTIONS (cont'd)

9.6 Promotional Pricing (cont'd)

10/100 Base T Connection Options (cont'd)

MAR 1 8 2005

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	Bronze Package		Silver Package	
Description	36 Months	60 Months	36 Months	60 Months

250 Mbps

Basic Service Connection, Bandwidth Usage (250 Mbps) and Ethernet Virtual Connections (101-500 Mbps)

- per Connection

Not Available

Not Available

500 Mbps

Basic Service Connection, Bandwidth Usage (500 Mbps) and Ethernet Virtual Connections (101-500 Mbps)

- per Connection

Not Available

Not Available

1 Gbps

Basic Service Connection, Bandwidth Usage (1 Gbps) and Ethernet Virtual Connections (501-1,000 Mbps)

- per Connection

Not Available

Not Available

### 1 Gbps Optical Connection Options

	Bronze Package		Silver Package	
Description	36 Months	60 Months	36 Months	60 Months

#### 10 Mbps

Basic Service Connection, Bandwidth Usage (10 Mbps) and Ethernet Virtual Connections (10-100 Mbps)

- per Connection

1 – 9 Connections 10+ Connections

\$1,935.00 1,450.00 \$1,750.00 1,325.00 \$2,125.00 1,640.00 \$1,940.00 1,515.00

Issued: September 24, 2004

Effective: October 4, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 25
1st Revised Sheet 22
Replacing Original Sheet 22

### OPT-E-MAN<sup>SM</sup> SERVICE

(MT) Text formerly appearing on this sheet now appears in the Appendix found at the end of this Section.



Digital Link Services Tariff Section 25 Original Sheet 22

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OPT-E-MAN<sup>SM</sup> SERVICE

PROMOTIONS (cont'd)

Promotional Pricing (cont'd)

1 - 9 Connections

10+ Connections

1 Gbps Optical Connection Options (cont'd)

MAR 1 8 2005

	Bronze Package		Silver Package	
Description	36 Months	60 Months	36 Months	60 Months

	Bronze	Package	Silver	Package
Description	36 Months	60 Months	36 Months	60 Month
20 Mbps Basic Service Connection, Band	lwidth Usage (20	) Mbps) and Etho	ernet Virtual Co	nnections
(10-100 Mbps) - per Connection				
1 – 9 Connections	\$2,300.00	\$2,100.00	\$2,490.00	\$2,290.00
10+ Connections	1,700.00	1,550.00	1,890.00	1,740.00
50 Mbps				
Basic Service Connection, Band (10-100 Mbps) - per Connection	dwidth Usage (50	0 Mbps) and Ethe	ernet Virtual Co	nnections
1 – 9 Connections	2,450.00	2,225.00	2,640.00	2,415.00
10+ Connections	1,825.00	1,650.00	2,015.00	1,840.00
100 Mbps				
Basic Service Connection, Banc	dwidth Usage (1)	00 Mbps) and Et	hernet Virtual C	onnections
(10-100 Mbps) - per Connection				
1 – 9 Connections	2,700.00	2,450.00	2,900.00	2,640.00
10+ Connections	2,000.00	1,825.00	2,200.00	2,015.00
250 Mbps				
Basic Service Connection, Bane (101-500 Mbps)	dwidth Usage (2	50 Mbps) and Et	hernet Virtual C	onnections
- per Connection				

Issued: September 24, 2004 Effective: October 4, 2004

3,375.00

2,325.00

3,750.00

2,575.00

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



3,575.00

2,525.00

3,950.00

2,775.00

CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 25
1st Revised Sheet 23
Replacing Original Sheet 23

## OPT-E-MAN<sup>SM</sup> SERVICE

(MT) Text formerly appearing on this sheet now appears in the Appendix found at the end of this Section.



Digital Link Services Tariff Section 25 Original Sheet 23

### OPT-E-MAN<sup>SM</sup> SERVICE

- 9. PROMOTIONS (cont'd)
  - 9.6 Promotional Pricing (cont'd)

1 Gbps Optical Connection Options (cont'd)

	Bronze Package		Silver Package		
Description	36 Months	60 Months	36 Months	60 Months	

### 500 Mbps

Basic Service Connection, Bandwidth Usage (500 Mbps) and Ethernet Virtual Connections (101-500 Mbps)

- per Connection

1 – 9 Connections	\$4,250.00	\$3,825.00	\$4,450.00	\$4,025.00
10+ Connections	2,900.00	2,600.00	3,100.00	2,800.00

### 1 Gbps

Basic Service Connection, Bandwidth Usage (1 Gbps) and Ethernet Virtual Connections (501-1,000 Mbps)

- per Connection

1 – 9 Connections	5,100.00	4,590.00	5,300.00	4,790.00
10+ Connections	3,575.00	3,225.00	3,775.00	3,425.00

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Issued: September 24, 2004

Effective: October 4, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff
Section 25
APPENDIX
Original Sheet 1

### OPT-E-MAN<sup>SM</sup> SERVICE

### (MT) PROMOTIONS

This section provides for promotions that will be available under the OPT-E-MAN Service tariff and, unless otherwise stated, the Rules and Regulations for OPT-E-MAN Service will apply. The rules and regulations are in addition to other rules and regulations as contained in this and other Company tariffs.

#### 1.0 Promotional Period for OPT-E-MAN Service

A promotional period will be conducted from June 18, 2004 through September 16, 2004 for new customers subscribing to OPT-E-MAN Service. This promotion offers a variable discount to OPT-E-MAN customers who subscribe to both the Basic Service Connection and Bandwidth Usage rate elements for an agreed-upon number of connections, only at the 10 Mbps, 100 Mbps or 1 Gbps Bandwidth Usage rates. In addition, if the customer requires additional Ethernet Virtual Connections (EVCs), those are available under this promotion at a discounted rate.

### 1.1 Eligibility Criteria

In order to qualify for the OPT-E-MAN Service promotion, the following conditions must be met:

- The promotion will be available to new customers entering into either a 36 month or 60 month agreement.
- A written agreement must be executed by SBC that includes the term period, the discount rates and the service locations. The customer will not receive the discount if, at the time of billing, the number of connections in service is less than those specified in the written agreement.
- Special Construction Charges may apply.
- Nonrecurring charges for the Basic Service Connection, Bandwidth Usage and EVC elements will be waived when new service is established under this promotion.
- Tariff charges will apply for any Optional Features subscribed to by the customer during this promotional period.
- If the customer terminates the agreement prior to the expiration of the 36 or 60 month service term, the customer shall pay a termination charge. Payment of the termination charge does not release the customer from other previous amounts owed to the Company. In addition to any unpaid Special Construction or nonrecurring charges (excluding any waived charges), Termination Charges will be equal to fifty percent (50%) of all recurring charges for the remaining months of the customer's term.

(MT)



(MT)

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Section 25
APPENDIX
Original Sheet 2

### OPT-E-MAN<sup>SM</sup> SERVICE

### (MT) PROMOTIONS (cont'd)

### 1.3 Promotional Pricing

	Bronze Package		Silver Package	
Description	36 Month	60 Month	36 Month	60 Month

### 10 Mbps

10/100 Base T Basic Service Connection and Bandwidth Usage (10 Mbps)

- per Connection

2 – 4 Connections	\$1,320.00	\$1,200.00	Not Available
5 – 9 Connections	1,155.00	1,050.00	Not Available
10+ Connections	1,100.00	1,000.00	Not Available

### **100 Mbps**

10/100 Base T Basic Service Connection and Bandwidth Usage (100 Mbps)

-	per	Co	nn	ection
		_		

2 – 4 Connections	\$1,430.00	\$1,300.00	\$1,485.00	\$1,350.00
5 – 9 Connections	1,320.00	1,200.00	1,375.00	1,250.00
10+ Connections	1,265.00	1,150.00	1,320.00	1,200.00

### 1 Gbps

1 Gbps Optical Basic Service Connection and Bandwidth Usage (1 Gbps)

		$\alpha$	, •
-	ner	Conn	ection

2 – 4 Connections	\$1,650.00	\$1,500.00	\$1,705.00	\$1,550.00
5 – 9 Connections	1,430.00	1,300.00	1,485.00	1,350.00
10+ Connections	1,320.00	1,200.00	1,375.00	1,250.00

### **Ethernet Virtual Connections (EVCs)**

- per additional Connection

10 or 100 Mbps	\$25.00	\$25.00	\$30.00	\$30.00
1 Gbps	75.00	75.00	87.50	87.50



Digital Link Services Tariff
Section 25
APPENDIX
Original Sheet 3

### OPT-E-MAN<sup>SM</sup> SERVICE

### (MT) PROMOTIONS (cont'd)

#### 2.0 Promotional Period for OPT-E-MAN Service

A promotional period will be conducted from October 4, 2004 through January 5, 2005 for new customers subscribing to OPT-E-MAN Service. This promotion offers a variable discount to OPT-E-MAN customers who subscribe to the Basic Service Connection, Bandwidth Usage and Ethernet Virtual Connection (EVC) rate elements for an agreed-upon number of connections.

### 2.1 Eligibility Criteria

In order to qualify for the OPT-E-MAN Service promotion, the following conditions must be met:

- The promotion will be available to new customers entering into either a 36 month or 60 month agreement.
- A written agreement must be executed by SBC Missouri that includes the term period, the
  discount rates and the service locations. The customer will not receive the discount if, at the
  time of billing, the number of connections in service is less than those specified in the
  written agreement.
- Special Construction Charges may apply.
- Nonrecurring charges for the Basic Service Connection, Bandwidth Usage and EVC elements will be waived when new service is established under this promotion.
- Tariff charges will apply for any Optional Features subscribed to by the customer during this promotional period.
- If the customer terminates the agreement prior to the expiration of the 36 or 60 month service term, the customer shall pay a termination charge. Payment of the termination charge does not release the customer from other previous amounts owed to the Company. In addition to any unpaid Special Construction or nonrecurring charges (excluding any waived charges), Termination Charges will be equal to fifty percent (50%) of all recurring charges for the remaining months of the customer's term.

(MT)



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Original Sheet 4

### OPT-E-MAN<sup>SM</sup> SERVICE

### (MT) PROMOTIONS (cont'd)

### 2.3 Promotional Pricing

### 10/100 Base T Connection Options

1 – 9 Connections

10+ Connections

	<b>-</b>			
	Bronze Package		Silver Package	
Description	36 Months	60 Months	36 Months	60 Months
10 Mbps				
Basic Service Connection, Band	dwidth Usage (10	) Mbps) and Ethe	ernet Virtual Cor	nections
(10-100 Mbps)	•	1 /		
- per Connection				
1 – 9 Connections	\$1,785.00	\$1,600.00	\$1,985.00	\$1,800.00
10+ Connections	1,300.00	1,175.00	1,500.00	1,375.00
	<b>,</b>	,	,	,
20 Mbps				
Basic Service Connection, Band	dwidth Usage (20	) Mbps) and Ethe	ernet Virtual Cor	nections
(10-100 Mbps)	#*****************************	o ma zum	, , , , , , , , , , , , , , , , , , ,	
- per Connection				
1 – 9 Connections	2,150.00	1,950.00	2,350.00	2,150.00
10+ Connections	1,550.00	1,400.00	1,750.00	1,600.00
10 Connections	1,330.00	1,400.00	1,730.00	1,000.00
50 Mbps				
Basic Service Connection, Band	dwidth Usage (50	) Mhns) and Ethe	ernet Virtual Cor	nections
(10-100 Mbps)	iwidii Osage (50	7 Wiops) and Lan	And virtual Col	meetions
- per Connection				
1 – 9 Connections	2,300.00	2,075.00	2,500.00	2,275.00
10+ Connections	1,675.00	1,500.00	1,875.00	1,700.00
10+ Connections	1,073.00	1,300.00	1,673.00	1,700.00
100 Mbps				
Basic Service Connection, Band	dwidth Henge (10	00 Mbps) and Etl	parmat Virtual Ca	nnactions
(10-100 Mbps)	iwidiii Osage (10	oo wiops) and Eu	iernet virtuar Co	miections
- per Connection				
- per connection				

(MT)

Issued: March 8, 2005 Effective: March 18, 2005

2,550.00

1,850.00

2,300.00

1,675.00

2,750.00

2,050.00



2,500.00

1,875.00

(MT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 25
APPENDIX
Original Sheet 5

### OPT-E-MAN<sup>SM</sup> SERVICE

### (MT) PROMOTIONS (cont'd)

### 2.3 Promotional Pricing (cont'd)

### 10/100 Base T Connection Options (cont'd)

	Bronze Package		Silver Package	
Description	36 Months	60 Months	36 Months	60 Months

### **250 Mbps**

Basic Service Connection, Bandwidth Usage (250 Mbps) and Ethernet Virtual Connections (101-500 Mbps)

- per Connection

Not Available

Not Available

### **500 Mbps**

Basic Service Connection, Bandwidth Usage (500 Mbps) and Ethernet Virtual Connections (101-500 Mbps)

- per Connection

Not Available

Not Available

### 1 Gbps

Basic Service Connection, Bandwidth Usage (1 Gbps) and Ethernet Virtual Connections (501-1,000 Mbps)

- per Connection

Not Available

Not Available

### 1 Gbps Optical Connection Options

	Bronze Package		Silver Package	
Description	36 Months	60 Months	36 Months	60 Months

#### 10 Mbps

Basic Service Connection, Bandwidth Usage (10 Mbps) and Ethernet Virtual Connections (10-100 Mbps)

- per Connection

1 – 9 Connections 10+ Connections \$1,935.00 1,450.00 \$1,750.00 1,325.00 \$2,125.00 1,640.00 \$1,940.00 1,515.00

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Digital Link Services Tariff
Section 25
APPENDIX
Original Sheet 6

### OPT-E-MAN<sup>SM</sup> SERVICE

### (MT) PROMOTIONS (cont'd)

### 2.3 Promotional Pricing (cont'd)

per Connection 1 – 9 Connections

10+ Connections

### 1 Gbps Optical Connection Options (cont'd)

	Bronze	Package	Silver Package	
Description	36 Months	60 Months	36 Months	60 Months
20 Mbps				
Basic Service Connection, Ban	dwidth Usage (2)	0 Mbps) and Eth	ernet Virtual Co	nnections
(10-100 Mbps)				
- per Connection	<b>#2.2</b> 00.00	ΦΦ 100 00	<b>#2 1</b> 00 00	ΦΦ ΦΦ ΦΦ
1 – 9 Connections	\$2,300.00	\$2,100.00	\$2,490.00	\$2,290.00
10+ Connections	1,700.00	1,550.00	1,890.00	1,740.00
Basic Service Connection, Ban (10-100 Mbps)  - per Connection 1 – 9 Connections 10+ Connections	2,450.00 1,825.00	2,225.00 1,650.00	2,640.00 2,015.00	2,415.00 1,840.00
100 Mbps Basic Service Connection, Ban	dwidth Usage (1)	00 Mbps) and Et	hernet Virtual Co	onnections
(10-100 Mbps) - per Connection	dwidin Osage (1)	oo wops) and Et	nemet viitual ev	omicetions
1 – 9 Connections	2,700.00	2,450.00	2,900.00	2,640.00
10+ Connections	2,000.00	1,825.00	2,200.00	2,015.00
250 Mbps Basic Service Connection, Ban (101-500 Mbps)	dwidth Usage (2.	50 Mbps) and Et	hernet Virtual Co	onnections

(MT)

Issued: March 8, 2005 Effective: March 18, 2005

3,375.00

2,325.00

3,950.00

2,775.00

3,750.00

2,575.00



3,575.00

2,525.00

Digital Link Services Tariff
Section 25
APPENDIX
Original Sheet 7

### OPT-E-MAN<sup>SM</sup> SERVICE

### (MT) PROMOTIONS (cont'd)

### 2.3 Promotional Pricing (cont'd)

### 1 Gbps Optical Connection Options (cont'd)

	Bronze Package		Silver Package	
Description	36 Months	60 Months	36 Months	60 Months

### 500 Mbps

Basic Service Connection, Bandwidth Usage (500 Mbps) and Ethernet Virtual Connections (101-500 Mbps)

- per Connection

1 − 9 Connections	\$4,250.00	\$3,825.00	\$4,450.00	\$4,025.00
10+ Connections	2,900.00	2,600.00	3,100.00	2,800.00

### 1 Gbps

Basic Service Connection, Bandwidth Usage (1 Gbps) and Ethernet Virtual Connections (501-1,000 Mbps)

- per Connection

1 − 9 Connections	5,100.00	4,590.00	5,300.00	4,790.00
10+ Connections	3,575.00	3,225.00	3,775.00	3,425.00

(MT)



Digital Link Services Tariff
Section 25
APPENDIX
Original Sheet 8

### OPT-E-MAN<sup>SM</sup> SERVICE

### PROMOTIONS (cont'd)

#### 3.0 Promotional Period for OPT-E-MAN Service

A promotional period shall be established from March 18, 2005 through September 1, 2005 for customers newly subscribing to OPT-E-MAN Service. This promotion offers a variable discount on the Committed Information Rate (CIR) service element for those customers who are located within 15 miles from a Central Office equipped with OPT-E-MAN functionality as identified in the NECA4 tariff. This promotion is only available to those customers selecting the 5 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps or 1 Gbps CIR speeds.

### 3.1 Eligibility Criteria

In order to qualify for the OPT-E-MAN Service promotion, the following conditions must be met:

- The promotion will be available to new OPT-E-MAN customers entering into either a 36 month or 60 month agreement.
- A written agreement must be executed by SBC Missouri that includes the term period, the discount rates and the service locations.
- Special Construction Charges may apply.
- Nonrecurring charges for the CIR element will be waived as outlined in Paragraph 7 (Rates and Charges), Sheet 12 of this Section.
- Tariff charges will apply for any Optional Features subscribed to by the customer during this promotional period.
- If the customer terminates the agreement prior to the expiration of the 36 or 60 month service term, the customer shall pay a termination charge. Payment of the termination charge does not release the customer from other previous amounts owed to the Company. In addition to any unpaid Special Construction or nonrecurring charges (excluding any waived charges), Termination Charges will be equal to fifty percent (50%) of all recurring charges for the remaining months of the customer's term.



Digital Link Services Tariff
Section 25
APPENDIX
Original Sheet 9

### OPT-E-MAN<sup>SM</sup> SERVICE

### PROMOTIONS (cont'd)

### 3.3 Promotional Pricing

### 10/100 Base T Connection Options (Basic or Basic Plus Service)

	Bronze Package		Silver Package			
Description	36 Months	60 Months	36 Months	60 Months		
Committed Information Rate	Committed Information Rate (CIR), per Connection					
5 Mbps	\$ 450.00	\$ 450.00	\$ 650.00	\$ 650.00		
10 Mbps	650.00	650.00	850.00	850.00		
20 Mbps	900.00	900.00	1,100.00	1,100.00		
50 Mbps	1,025.00	1,025.00	1,225.00	1,225.00		
100 Mbps	1,200.00	1,200.00	1,400.00	1,400.00		
250 Mbps	Not Available		Not Available			
500 Mbps	Not Available		Not Available			
1 Gbps	Not Available		Not Available			

### 1 Gbps Optical Connection Options (Basic or Basic Plus Service)

	Bronze	Bronze Package		Silver Package	
Description	36 Months	60 Months	36 Months	60 Months	
Committed Information	Rate (CIR), per Con	nection			
5 Mbps	\$ 450.00	\$ 450.00	\$ 650.00	\$ 650.00	
10 Mbps	650.00	650.00	850.00	850.00	
20 Mbps	900.00	900.00	1,100.00	1,100.00	
50 Mbps	1,025.00	1,025.00	1,225.00	1,225.00	
100 Mbps	1,200.00	1,200.00	1,400.00	1,400.00	
250 Mbps	1,575.00	1,575.00	1,975.00	1,975.00	
500 Mbps	1,900.00	1,900.00	2,300.00	2,300.00	
1 Gbps	2,575.00	2,575.00	2,975.00	2,975.00	



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Section 26
2nd Revised Sheet 1
Replacing 1st Revised Sheet 1

### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### 1. GENERAL DESCRIPTION

Customized Switched Metro Ethernet Service (CSME Service) is a switched Layer 2 Ethernet network allowing for basic metropolitan Ethernet connectivity. CSME Service allows businesses to interconnect multiple customer locations within a LATA as if they were segments on the same LAN using packet-based switching technologies. Connections at the customer premises are made using Native Ethernet interfaces and traverse the MAN over fiber facilities. CSME Service provides bandwidth of either 10 Mbps, 100 Mbps or 1 Gbps(1).

Customers connect to CSME Service via one of the following standard connections, as requested by the customer:

- (AT) 10/100 Base T (10 Mbps or 100 Mbps)
  - Gigabit Ethernet (1000 Base SX, 1000 Base LX/LH or 1000 Base ZX)

Customers may connect multiple locations together, as long as they are in the same LATA or MAN and the service is available. This service acts as an Ethernet bridge supporting LAN-to-LAN connections.

CSME Service includes the connection from the customer's premise to the Ethernet network, a port on the Ethernet network and the bandwidth that will be used across the network. An optional feature is the ability to segregate customer traffic, as deemed necessary by the customer. This traffic segregation is accomplished using Ethernet Virtual Connections (EVCs), at an additional charge.

(1) Bandwidth is inclusive of allowances for overhead within the Ethernet network. If a customer orders 1 Gbps of bandwidth on a single port, the Company reserves the right to use up to 10 % of the bandwidth for traffic management.

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Digital Link Services Tariff
Section 26
1st Revised Sheet 1
Replacing Original Sheet 1

#### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### 1. GENERAL DESCRIPTION

Customized Switched Metro Ethernet Service (CSME Service) is a switched Layer 2 Ethernet network allowing for basic metropolitan Ethernet connectivity. CSME Service allows businesses to interconnect multiple customer locations within a LATA as if they were segments on the same LAN using packet-based switching technologies. Connections at the customer premises are made using Native Ethernet interfaces and traverse the MAN over fiber facilities. CSME Service provides bandwidth of either 100 Mbps or 1 Gbps(1).

(RT)(AT)

Customers connect to CSME Service via one of the following standard connections, as requested by the customer:

- 10/100 Base T (100 Mbps)
- Gigabit Ethernet (1000 Base SX, 1000 Base LX/LH or 1000 Base ZX)

Customers may connect multiple locations together, as long as they are in the same LATA or MAN and the service is available. This service acts as an Ethernet bridge supporting LAN-to-LAN connections.

CSME Service includes the connection from the customer's premise to the Ethernet network, a port on the Ethernet network and the bandwidth that will be used across the network. An optional feature is the ability to segregate customer traffic, as deemed necessary by the customer. This traffic segregation is accomplished using Ethernet Virtual Connections (EVCs), at an additional charge.

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(AT) (1) Bandwidth is inclusive of allowances for overhead within the Ethernet network. If a customer orders 1 Gbps of bandwidth on a single port, the Company reserves the right to use up to 70 Mbps of bandwidth for traffic management.

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By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri



Digital Link Services Tariff Section 26 Original Sheet 1

### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

### 1. GENERAL DESCRIPTION

Customized Switched Metro Ethernet Service (CSME Service) is a switched Layer 2 Ethernet network allowing for basic metropolitan Ethernet connectivity. CSME Service allows businesses to interconnect multiple customer locations within a LATA as if they were segments on the same LAN using packet-based switching technologies. Connections at the customer premises are made using Native Ethernet interfaces and traverse the MAN over fiber facilities. CSME Service provides bandwidth of either up to 100 Mbps or up to 1 Gbps.

Customers connect to CSME Service via one of the following standard connections, as requested by the customer:

- 10/100 Base T (100 Mbps)
- Gigabit Ethernet (1000 Base SX, 1000 Base LX/LH or 1000 Base ZX)

Customers may connect multiple locations together, as long as they are in the same LATA or MAN and the service is available. This service acts as an Ethernet bridge supporting LAN-to-LAN connections.

CSME Service includes the connection from the customer's premise to the Ethernet network, a port on the Ethernet network and the bandwidth that will be used across the network. An optional feature is the ability to segregate customer traffic, as deemed necessary by the customer. This traffic segregation is accomplished using Ethernet Virtual Connections (EVCs), at an additional charge.

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Issued: August 10, 2004 Effective: September 10, 2004



Digital Link Services Tariff
Section 26
2nd Revised Sheet 2
Replacing 1st Revised Sheet 2

### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### 2. REGULATIONS

In addition to the regulations contained in this tariff, the following regulations apply to CSME Service:

2.1 CSME Service is provided at the option of the Company where equipment and facilities permit. If appropriate facilities are not available, Special Construction charges may apply.

(RT) | (RT)

- (FC) 2.2 The customer provided equipment (CPE) must deliver the data signal for the CSME transport within the industry specification for the subscribed data service. See *TECHNICAL REFERENCES* following.
- (FC) 2.3 CSME Service supports full duplex communication.
- (CP)

  2.4 If a customer connects to the CSME network using a bridge or switch for Layer 2 connectivity, only 150 MAC addresses can be used per Layer 2 device, per port. Any additional addresses over the first 150 will be assessed an additional charge, with a limit of 200 MAC addresses total per port. An additional charge will be assessed per block of 151-200 addresses. See *RATES AND CHARGES* following.
- (FC) 2.5 CSME Service is distance limited, based on circuit configuration as determined by the Company. A repeater may be used to extend the transmission of CSME Service. See Repeater under *SERVICE COMPONENTS* following for further definition. See *RATES AND CHARGES* following.
- (FC) 2.6 Should the customer wish to segregate traffic, a total of 8 Ethernet Virtual Connections (EVCs) may be configured per 10/100 Base T connection. A total of 64 EVCs may be configured per 1 Gbps connection. Should the customer request more than 64 EVCs on a 1 Gbps connection, a technical review will need to be conducted to determine whether the network will support more than 64 EVCs.

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Section 26
1st Revised Sheet 2
Replacing Original Sheet 2

#### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### 2. REGULATIONS

In addition to the regulations contained in this tariff, the following regulations apply to CSME Service:

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- (FC) 2.1 CSME Service is provided at the option of the Company where equipment and facilities permit. If appropriate facilities are not available, Special Construction charges may apply.
- (FC)

  2.2 CSME Service does not provide redundancy in the core network. If the customer requires redundancy, an Inter-Switch Trunk Charge will apply. In addition, if the customer grows their network, which leads to growth in the backbone of the network, then an Inter-Switch Trunk Charge will also apply. See RATES AND CHARGES following.
- (FC) 2.3 The customer provided equipment (CPE) must deliver the data signal for the CSME transport within the industry specification for the subscribed data service. See *TECHNICAL REFERENCES* following.
- (FC) 2.4 CSME Service supports full duplex communication.
- (FC) 2.5 If a customer connects to the CSME network using a bridge or switch for Layer 2 connectivity, only 50 MAC addresses can be used per Layer 2 device, per port. Any additional addresses over the first 50 will be assessed an additional charge, with a limit of 100 MAC addresses total per port. The additional charge will be assessed per block of 51-100 addresses. See RATES AND CHARGES following.
- (FC)

  2.6 CSME Service is distance limited, based on circuit configuration as determined by the Company.

  A repeater may be used to extend the transmission of CSME Service. See Repeater under SERVICE COMPONENTS following for further definition. See RATES AND CHARGES following.
- (FC)
  2.7 Should the customer wish to segregate traffic, a total of 8 Ethernet Virtual Connections (EVCs) may be configured per 10/100 Base T connection. A total of 64 EVCs may be configured per 1 Gbps connection. Should the customer request more than 64 EVCs on a 1 Gbps connection, a technical review will need to be conducted to determine whether the network will support more than 64 EVCs.

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By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

FILED MO PSC CANCELLED
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No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

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Digital Link Services Tariff Section 26 Original Sheet 2

CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### 2. REGULATIONS

In addition to the regulations contained in this tariff, the following regulations apply to CSME Service:

- 2.1 CSME Service is available only to governmental entities, non-profit organizations, school districts, and public libraries.
- 2.2 CSME Service is provided at the option of the Company where equipment and facilities permit. If appropriate facilities are not available, Special Construction charges may apply.
- 2.3 CSME Service does not provide redundancy in the core network. If the customer requires redundancy, an Inter-Switch Trunk Charge will apply. In addition, if the customer grows their network, which leads to growth in the backbone of the network, then an Inter-Switch Trunk Charge will also apply. See *RATES AND CHARGES* following.
- 2.4 The customer provided equipment (CPE) must deliver the data signal for the CSME transport within the industry specification for the subscribed data service. See **TECHNICAL REFERENCES** following.
- 2.5 CSME Service supports full duplex communication.
- 2.6 If a customer connects to the CSME network using a bridge or switch for Layer 2 connectivity, only 50 MAC addresses can be used per Layer 2 device, per port. Any additional addresses over the first 50 will be assessed an additional charge, with a limit of 100 MAC addresses total per port. The additional charge will be assessed per block of 51-100 addresses. See *RATES AND CHARGES* following.
- 2.7 CSME Service is distance limited, based on circuit configuration as determined by the Company. A repeater may be used to extend the transmission of CSME Service. See Repeater under SERVICE COMPONENTS following for further definition. See RATES AND CHARGES following.
- 2.8 Should the customer wish to segregate traffic, a total of 8 Ethernet Virtual Connections (EVCs) may be configured per 10/100 Base T connection. A total of 64 EVCs may be configured per 1 Gbps connection. Should the customer request more than 64 EVCs on a 1 Gbps connection, a technical review will need to be conducted to determine whether the network will support more than 64 EVCs.

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Digital Link Services Tariff
Section 26
2nd Revised Sheet 3
Replacing 1st Revised Sheet 3

### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

- 2. REGULATIONS (cont'd)
- (FC) 2.7 If a customer desires that service be provided on a due date less than the standard interval, the customer may request that service be provided on an expedited basis. If the Company determines that service can be provided on the requested expedited date and spare facilities are available, the Expedite Order Charge (per port, per location) will apply. See *RATES AND CHARGES* following.
- (FC) 2.8 If the customer cancels service prior to installation being completed, a Service Order Cancellation charge (per port, per location) will apply. See *RATES AND CHARGES* following. The customer's intent to cancel service must be made in writing.
- (FC) 2.9 CSME Service is not available in a meet-point billing arrangement involving other Carriers.
- (FC) 2.10 Service Level Agreements are not offered with this service. However, Credit Allowances are applicable. See *RATES AND CHARGES* following.
- (FC) 2.11 CSME customers will be required to migrate CSME Service to OPT-E-MAN Service when it becomes available within the serving area. The Company will notify affected customers when such migration is required. Existing contract terms for CSME will be honored, however a new service agreement for OPT-E-MAN Service will need to be negotiated upon the CSME contract expiration.
- (AT)(FC) 2.12 If the 10 Mbps or 100 Mbps connection is ordered, it will only be provisioned using the 10/100 Base T connection.



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1st Revised Sheet 3
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## CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### REGULATIONS (cont'd)

- (FC)

  2.8 If a customer desires that service be provided on a due date less than the standard interval, the customer may request that service be provided on an expedited basis. If the Company determines that service can be provided on the requested expedited date and spare facilities are available, the Expedite Order Charge (per port, per location) will apply. See RATES AND CHARGES following.
- (FC) 2.9 If the customer cancels service prior to installation being completed, a Service Order Cancellation charge (per port, per location) will apply. See *RATES AND CHARGES* following. The customer's intent to cancel service must be made in writing.
- (FC) 2.10 CSME Service is not available in a meet-point billing arrangement involving other Carriers.
- (FC) 2.11 Service Level Agreements are not offered with this service. However, Credit Allowances are applicable. See *RATES AND CHARGES* following.
- (FC)

  2.12 CSME customers will be required to migrate CSME Service to OPT-E-MAN Service when it becomes available within the serving area. The Company will notify affected customers when such migration is required. Existing contract terms for CSME will be honored, however a new service agreement for OPT-E-MAN Service will need to be negotiated upon the CSME contract expiration.
- (FC) 2.13 If the 100 Mbps connection is ordered, it will only be provisioned using the 10/100 Base T connection.

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Effective: November 12, 2004

Digital Link Services Tariff Section 26 Original Sheet 3

## CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

- REGULATIONS (cont'd)
  - 2.9 If a customer desires that service be provided on a due date less than the standard interval, the customer may request that service be provided on an expedited basis. If the Company determines that service can be provided on the requested expedited date and spare facilities are available, the Expedite Order Charge (per port, per location) will apply. See RATES AND CHARGES following.
  - 2.10 If the customer cancels service prior to installation being completed, a Service Order Cancellation charge (per port, per location) will apply. See RATES AND CHARGES following. The customer's intent to cancel service must be made in writing.
  - 2.11 CSME Service is not available in a meet-point billing arrangement involving other Carriers.
  - 2.12 Service Level Agreements are not offered with this service. However, Credit Allowances are applicable. See *RATES AND CHARGES* following.
  - 2.13 CSME customers will be required to migrate CSME Service to OPT-E-MAN Service when it becomes available within the serving area. The Company will notify affected customers when such migration is required. Existing contract terms for CSME will be honored, however a new service agreement for OPT-E-MAN Service will need to be negotiated upon the CSME contract expiration.
  - 2.14 If the 100 Mbps connection is ordered, it will only be provisioned using the 10/100 Base T connection.

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No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 26
2nd Revised Sheet 4
Replacing 1st Revised Sheet 4

# CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### 2. REGULATIONS (cont'd)

### 2.13 Allowance for Interruption

In case of an interruption to service, allowance for the period of interruption, if not due to the negligence of the customer or the customer's end user, shall be as follows: no credit shall be allowed for an interruption of less than 10 seconds. The customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 10/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues. The credit allowance(s) for service interruptions shall not exceed 100% of the applicable monthly rates.

The Company will be excluded from providing an Allowance for Interruption should any of the following conditions occur:

- Force majeure events such as, but not limited to, an earthquake, hurricane, flood, fire, storms, tornadoes, explosion, lightning, power surges or failure, fiber cuts, strikes or labor disputes, acts of war, civil disturbances, acts of civil or military authorities or public enemy, governmental orders, civil commotion, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control.
- The failures of any components beyond the local facility including the Network Interface (NI), the CSU/DSU/Channel band/Extended Demarcation are excluded from the service outage calculation.
- Data loss during the Company's scheduled maintenance window.
- Failures attributed to facilities or equipment provided by customer or its contractors, equipment vendors, another local exchange carrier or inter-exchange carrier.
- 2.14 The responsibility of the Company shall be limited to furnishing the CSME network. Subject to this responsibility, the Company shall not be responsible for the through transmission of signals generated by CPE or for the quality of, or defects in, such transmission or the rejection of signal by CPE. The Company shall not be responsible for installation, operation, maintenance or adapting CSME to the technological requirements of specific CPE. In addition, the Company shall not be responsible to the customer if changes in any of the equipment, operations or procedures of the Company used in the provisioning of CSME render any facilities provided by the customer obsolete; or require modification or alteration of such equipment or system; or otherwise affect its use or performance, provided the Company has met all applicable information disclosure requirements otherwise required by law.
- 2.15 Customers will be permitted to move from a 10 Mbps or 100 Mbps Connection to a 1 Gbps Connection, however, the Nonrecurring Charge associated with the new 1 Gbps Connection will apply. See *PRICES* following.

Issued: April 8, 2005 Effective: May 11, 2005



Digital Link Services Tariff Section 26 1st Revised Sheet 4 Replacing Original Sheet 4

### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

- REGULATIONS (cont'd)
- (FC) 2.13 Allowance for Interruption

In case of an interruption to service, allowance for the period of interruption, if not due to the negligence of the customer or the customer's end user, shall be as follows: no credit shall be allowed for an interruption of less than 10 seconds. The customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 10/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues. The credit allowance(s) for service interruptions shall not exceed 100% of the applicable monthly rates.

The Company will be excluded from providing an Allowance for Interruption should any of the following conditions occur:

- Force majeure events such as, but not limited to, an earthquake, hurricane, flood, fire, storms, tornadoes, explosion, lightning, power surges or failure, fiber cuts, strikes or labor disputes, acts of war, civil disturbances, acts of civil or military authorities or public enemy, governmental orders, civil commotion, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control.
- The failures of any components beyond the local facility including the Network Interface (NI), the CSU/DSU/Channel band/Extended Demarcation are excluded from the service outage calculation.
- Data loss during the Company's scheduled maintenance window.
- Failures attributed to facilities or equipment provided by customer or its contractors, equipment vendors, another local exchange carrier or inter-exchange carrier.

(AT) 2.14 The responsibility of the Company shall be limited to furnishing the CSME network. Subject to this responsibility, the Company shall not be responsible for the through transmission of signals generated by CPE or for the quality of, or defects in, such transmission or the rejection of signal by CPE. The Company shall not be responsible for installation, operation, maintenance or adapting CSME to the technological requirements of specific CPE. In addition, the Company shall not be responsible to the customer if changes in any of the equipment, operations or procedures of the Company used in the provisioning of CSME render any facilities provided by the customer obsolete; or require modification or alteration of such equipment or system; or otherwise affect its use or performance, provided the Company has met all applicable information disclosure requirements otherwise required by law.

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Digital Link Services Tariff Section 26 Original Sheet 4

#### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

### 2. REGULATIONS (cont'd)

### 2.14 Allowance for Interruption

In case of an interruption to service, allowance for the period of interruption, if not due to the negligence of the customer or the customer's end user, shall be as follows: no credit shall be allowed for an interruption of less than 10 seconds. The customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 10/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues. The credit allowance(s) for service interruptions shall not exceed 100% of the applicable monthly rates.

The Company will be excluded from providing an Allowance for Interruption should any of the following conditions occur:

- Force majeure events such as, but not limited to, an earthquake, hurricane, flood, fire, storms, tornadoes, explosion, lightning, power surges or failure, fiber cuts, strikes or labor disputes, acts of war, civil disturbances, acts of civil or military authorities or public enemy, governmental orders, civil commotion, criminal actions taken against the Company, acts of God and other circumstances beyond the Company's reasonable control.
- The failures of any components beyond the local facility including the Network Interface (NI), the CSU/DSU/Channel band/Extended Demarcation are excluded from the service outage calculation.
- Data loss during the Company's scheduled maintenance window.
- Failures attributed to facilities or equipment provided by customer or its contractors, equipment vendors, another local exchange carrier or inter-exchange carrier.

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No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Digital Link Services Tariff
Section 26
1st Revised Sheet 5
Replacing Original Sheet 5

### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### 3. TECHNICAL SPECIFICATIONS PACKAGES

Technical specifications for CSME Service are described in the following technical references:

Ethernet Standards Network Equipment Design Requirements SBC TP-76412-000 SBC TP-76200MP

These publications may be obtained from:

SBC Help Desk and Document Center 517-788-6872

#### 4. SERVICE COMPONENTS

There is one standard (or required) rate element which applies for CSME Service: Usage, Port, Transport and Interface.

# 4.1 Usage, Port, Transport and Interface

Provides for the physical connection between the customer's premise and the serving wire center, as well as the bandwidth that will be used by the customer at each location. Several interface protocols are available: 10/100 Base T and Gigabit Ethernet (1000 Base SX, 1000 Base LX/LH or 1000 Base ZX).

(CT) In addition, there are three optional rate elements which may apply to CSME, depending on the customer's configuration: Additional MAC Addresses, Ethernet Virtual Connections (EVC), and Repeater.

#### 4.2 Additional MAC Addresses

Media Access Control (MAC) Addresses denote a data link layer protocol used for Layer 2 connectivity. If a customer connects to the CSME network using a bridge or switch for Layer 2 connectivity, only 150 MAC addresses can be used per Layer 2 device, per port. Any additional addresses over the first 150 will be assessed an additional charge, with a limit of 200 MAC addresses total per port. An additional charge will be assessed per block of 151-200 addresses.



Digital Link Services Tariff Section 26 Original Sheet 5

### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### 3. TECHNICAL SPECIFICATIONS PACKAGES

Technical specifications for CSME Service are described in the following technical references:

**Ethernet Standards** 

Network Equipment Design Requirements

SBC TP-76412-000 SBC TP-76200MP

These publications may be obtained from:

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SBC Help Desk and Document Center 517-788-6872

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SERVICE COMPONENTS

There is one standard (or required) rate element which applies for CSME Service. Usage, Port. Transport and Interface.

#### 4.1 Usage, Port, Transport and Interface

Provides for the physical connection between the customer's premise and the serving wire center, as well as the bandwidth that will be used by the customer at each location. Several interface protocols are available: 10/100 Base T and Gigabit Ethernet (1000 Base SX, 1000 Base LX/LH or 1000 Base ZX).

In addition, there are four optional rate elements which may apply to CSME, depending on the customer's configuration: Additional MAC Addresses, Ethernet Virtual Connections (EVC), Inter-Switch Trunk Charge and Repeater.

### 4.2 Additional MAC Addresses

Media Access Control (MAC) Addresses denote a data link layer protocol used for Layer 2 connectivity. If a customer connects to the CSME network using a bridge or switch for Layer 2 connectivity, only 50 MAC addresses can be used per Layer 2 device, per port. Any additional addresses over the first 50 will be assessed an additional charge, with a limit of 100 MAC addresses total per port. The additional charge will be assessed per block of 51-100 addresses.

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Digital Link Services Tariff
Section 26
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# CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### 4. SERVICE COMPONENTS (cont'd)

## 4.3 Ethernet Virtual Connections (EVCs)

An Ethernet Virtual Connection is a logical point-to-point connection between two customer locations, and goes from the customer demarcation point at one location through the network to terminate at the demarcation point at the second customer location. Customers use EVCs if they desire traffic segregation, but EVCs will not provide for traffic prioritization. EVCs may be ordered to establish additional virtual connections over the same physical connection. When EVCs are ordered, the customer must designate the amount of bandwidth to be assigned to each EVC. EVCs can be set in 1 Mbps increments from 5 Mbps to 1 Gbps.

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# (FC) 4.4 Repeater

For those customers who are located outside normal transmission parameters, service can be provided using a repeater to be placed in Company wire centers. An engineering study will be completed to ensure transmission parameters can be met using a repeater, and the Company will determine when Repeaters are necessary. Additional charges will apply. Provisioning of CSME Service is subject to the availability and operational limitations of the equipment and associated facilities.



Digital Link Services Tariff Section 26 Original Sheet 6

#### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### 4. SERVICE COMPONENTS (cont'd)

## 4.3 Ethernet Virtual Connections (EVCs)

An Ethernet Virtual Connection is a logical point-to-point connection between two customer locations, and goes from the customer demarcation point at one location through the network to terminate at the demarcation point at the second customer location. Customers use EVCs if they desire traffic segregation, but EVCs will not provide for traffic prioritization. EVCs may be ordered to establish additional virtual connections over the same physical connection. When EVCs are ordered, the customer must designate the amount of bandwidth to be assigned to each EVC. EVCs can be set in 1 Mbps increments from 5 Mbps to 1 Gbps.

### 4.4 Inter-Switch Trunk Charge

An Inter-Switch Trunk Charge provides for additional links between core network devices to provide redundancy and/or to support customer-requested bandwidth augments to the core network.

## 4.5 Repeater

For those customers who are located outside normal transmission parameters, service can be provided using a repeater to be placed in Company wire centers. An engineering study will be completed to ensure transmission parameters can be met using a repeater, and the Company will determine when Repeaters are necessary. Additional charges will apply. Provisioning of CSME Service is subject to the availability and operational limitations of the equipment and associated facilities.

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Digital Link Services Tariff
Section 26
1st Revised Sheet 7
Replacing Original Sheet 7

### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### 5. RATES AND CHARGES

There are two types of rates and charges for CSME Service: Nonrecurring Charges and Recurring Charges.

- 5.1 Nonrecurring Charges are one-time charges that apply for specific work activity related to the provisioning of CSME Service.
- 5.2 Recurring Charges are flat recurring rates that apply each month or fraction thereof that the service is provided. Recurring rates may be applied only over a 36 or 60 month period under the terms and conditions of the Term Pricing Plan (TPP), described in *TERM PAYMENT PLANS (TPP)* following. Upon completion of a TPP, a customer's service will automatically convert to the Monthly Extension rates unless the customer requests a new TPP. No customer shall purchase CSME Service on a month-to-month basis prior to the completion of a TPP.

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Digital Link Services Tariff Section 26 Original Sheet 7

#### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

#### 5. RATES AND CHARGES

There are two types of rates and charges for CSME Service: Nonrecurring Charges and Recurring Charges.

- 5.1 Nonrecurring Charges are one-time charges that apply for specific work activity related to the provisioning of CSME Service.
- 5.2 Recurring Charges are flat recurring rates that apply each month or fraction thereof that the service is provided. Recurring rates may be applied only over a 36 or 60 month period under the terms and conditions of the Term Pricing Plan (TPP), described in *TERM PAYMENT PLANS (TPP)* following. Upon completion of a TPP, a customer's service will automatically convert to the Monthly Extension rates unless the customer requests a new TPP. No customer shall purchase CSME Service on a month-to-month basis prior to the completion of a TPP.

	[	Monthly l		]
	Nonrecurring	36	60	Monthly
Description	Charge	Months	Months	Extension
Standard Charges				CANCELLED
Usage, Port, Transport,				MAR 2 8 2005
Interface, each customer				1St DS 7
location			- 1. /h.	Service Commission
			Public	MISSOURI
100 Mbps				
<ul> <li>Initial Connection</li> </ul>	\$1,925.00	\$2,250.00	\$1,925.00	\$2,800.00
<ul> <li>Subsequent</li> </ul>				
Connection	1,200.00	1,200.00	1,025.00	1,560.00
1 Gbps	2,500.00	4,000.00	3,500.00	4,900.00
<u>Optional Charges</u>				
Repeater				
- each	250.00	400.00	375.00	475.00

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Digital Link Services Tariff Section 26 Original Sheet 7.1

## CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

## 5. RATES AND CHARGES (cont'd)

(MT)			Monthly Payment		7
			Term Payment Plans		<b>-</b>
		Nonrecurring	36	60	Monthly
	Description	Charge	Months	Months	Extension
	Standard Charges				
	Usage, Port, Transport, Interface, each customer location				
(AT)	10 Mbps Connection				
(NR)	/P9FYX/	\$1,600.00	\$1,500.00	\$1,350.00	\$1,800.00
(AT)	- Subsequent 10 Mbps	4-,000	4-,	4-,2-2-000	4-,00000
(AT)	Connection(1)				
(NR)	/P9FZX/	1,150.00	950.00	800.00	1,200.00
(AT)	100 Mbps Connection /P9FKX/	1,925.00	2,250.00	1,925.00	2,800.00
	- Subsequent 100 Mbps				
(AT)	Connection(1) /P9FPX/	1,200.00	1,200.00	1,025.00	1,560.00
(AT)	1 Gbps /P9FLX/	2,500.00	4,000.00	3,500.00	4,900.00
	<u>Optional Charges</u>				
	Repeater				
(MT)(AT)	- each /VU4/	250.00	400.00	375.00	475.00

(AT) (1) Any Subsequent 10 Mbps or 100 Mbps Connections must terminate at the same locations as the original 10 Mbps or 100 Mbps Connections.



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# CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

# 5. RATES AND CHARGES (cont'd)

	Description	Nonrecurring Charge	Monthly Price
	Optional Charges (cont'd)		
(AT)	Ethernet Virtual Connection (EVC) - per connection /EVNDE/	\$ 70.00	\$ 25.00
(RT) (DR)			
(AT)(CP)	Additional MAC Addresses - 151-200 MAC addresses /M2CAX/	70.00	5.00
(AT)	Service Order Cancellation - per location /OCGEO/	200.00	
(AT)	Expedite Order Charge - per location /EODEO/	300.00	
(AT)	<ul> <li>Service Order Change Charge</li> <li>applies to Bandwidth Usage Changes, EVC Changes and Configuration Changes for pending, initial service orders, per location /NHCEO/</li> </ul>	75.00	
(AT)	<ul> <li>Miscellaneous Change Charge</li> <li>applies to Bandwidth Usage Changes, EVC Changes and Configuration Changes for subsequent changes to existing service, per location /NHCEN/</li> </ul>	100.00	



Digital Link Services Tariff Section 26 Original Sheet 8

# CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

# 5. RATES AND CHARGES (cont'd)

Description	Nonrecurring Charge	Monthly Price
Optional Charges (cont'd)		
Ethernet Virtual Connection (EVC) - per connection	\$ 70.00	\$ 25.00
Inter-Switch Trunk Charge - per trunk	2,000.00	4,000.00
Additional MAC Addresses - 51-100 MAC addresses	70.00	5.00
Service Order Cancellation - per location	200.00	
Expedite Order Charge - per location	300.00	
Service Order Change Charge - applies to Bandwidth Usage Changes, EVC Changes and Configuration Changes for pending, initial service orders, per location	75.00	
Miscellaneous Change Charge - applies to Bandwidth Usage Changes, EVC Changes and Configuration Changes for subsequent changes to existing service, per location	100.00	

CANCELLED

MAR 2 8 2005

Public Service Commission MISSOURI

Issued: August 10, 2004

Effective: September 10, 2004

By CINDY BRINKLEY, President-SBC Missouri Southwestern Bell Telephone, L.P., d/b/a SBC Missouri St. Louis, Missouri

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Digital Link Services Tariff
Section 26
1st Revised Sheet 9
Replacing Original Sheet 9

### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

- 6. TERM PRICING PLAN (TPP)
- 6.1 The TPP provides for 36- or 60-month rate stabilization. Decreases in term monthly recurring tariff rates will be passed on to customers who participate in a TPP. Should the Company increase its rates during the TPP period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the TPP.
  - 6.2 The customer may choose to terminate an existing TPP before the end of the 36- or 60-month period and negotiate a new 36- or 60-month TPP. The new TPP must be based upon the rates that are currently in effect and available to all customers.
  - 6.3 The customer must provide the Company with a written notice of intent to renew a TPP no later than 90 days prior to its expiration. If the customer elects not to renew the TPP, or does not notify the Company of the customer's intent to renew the TPP, the service will automatically be billed under the tariffed monthly extension rates in effect at the time that TPP expires. Subsequently, customers under the tariffed monthly extension rates may convert their existing service to either a 36- or 60-month TPP. Nonrecurring charges will be waived at the time of conversion.
  - 6.4 Any Special Construction charges incurred for services billed under a TPP will be applicable as provided for in 1.4.4 of this tariff.
  - 6.5 If the customer terminates the TPP agreement prior to the expiration of the 36- or 60-month service term, the customer shall pay a termination charge. Payment of the termination charge does not release the customer from other previous amounts owed to the Company. In addition to any unpaid Special Construction or nonrecurring charges (excluding any waived charges), Termination Charges will be equal to:
    - Fifty percent (50%) of all recurring charges for the remaining months of the customer's term.

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Digital Link Services Tariff Section 26 Original Sheet 9

#### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

## 6. TERM PRICING PLAN (TPP)

- 6.1 The TPP provides for 36- or 60-month rate stabilization. Decreases in term monthly recurring tariff rates will be passed on to customers who participate in a TPP. The Company will notify customers participating in a TPP when term monthly recurring rates are decreased.
  - Should the Company increase its rates during the TPP period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the TPP.
- 6.2 The customer may choose to terminate an existing TPP before the end of the 36- or 60-month period and negotiate a new 36- or 60-month TPP. The new TPP must be based upon the rates that are currently in effect and available to all customers.
- 6.3 The customer must provide the Company with a written notice of intent to renew a TPP no later than 90 days prior to its expiration. If the customer elects not to renew the TPP, or does not notify the Company of the customer's intent to renew the TPP, the service will automatically be billed under the tariffed monthly extension rates in effect at the time that TPP expires. Subsequently, customers under the tariffed monthly extension rates may convert their existing service to either a 36- or 60-month TPP. Nonrecurring charges will be waived at the time of conversion.
- 6.4 Any Special Construction charges incurred for services billed under a TPP will be applicable as provided for in 1.4.4 of this tariff.
- 6.5 If the customer terminates the TPP agreement prior to the expiration of the 36- or 60-month service term, the customer shall pay a termination charge. Payment of the termination charge does not release the customer from other previous amounts owed to the Company. In addition to any unpaid Special Construction or nonrecurring charges (excluding any waived charges), Termination Charges will be equal to:
  - Fifty percent (50%) of all recurring charges for the remaining months of the customer's term.

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Public Service Commission
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### CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE

- 6. TERM PRICING PLAN (TPP) (cont'd)
  - 6.6 Customers may move their existing service to a new location without incurring Termination Charges provided all of the following conditions are met:
    - The customer maintains the existing TPP at the new location or establishes a new TPP equal to or greater than the old location;
    - During the TPP, a customer may move a CSME Service location to another premises in the same LATA and keep the TPP in force without assessment of Termination Charges, provided no lapse in billing occurs;
    - The customer's request for disconnect at the existing location and the request for service at the new location are received at the same time, and the customer's disconnect order for the existing service references the new connect order for the new service;
    - Moves of one location to a premise in a different serving office may result in a change in the monthly charges. Nonrecurring charges as appropriate are applicable;
    - If the customer moves more than one location of the service concurrently, the customer will be liable for Termination Charges, as this is considered a complete disconnect of the service.

