

ADOPTION NOTICE A

**Effective January 4, 2023, Spectra Communications Group, LLC d/b/a CenturyLink received Secretary of State authorization for a corporate name change to Brightspeed of East Missouri, LLC. Effective May 30, 2023 Brightspeed of East Missouri, LLC hereby adopts, ratifies and makes its own all schedules, rules, notices, concurrences, schedule agreements, divisions, authorities or other instruments whatsoever, filed with the Missouri Public Service Commission, by or adopted by Spectra Communications Group, LLC d/b/a CenturyLink prior to May 30, 2023.**

(N)  
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(N)

Effective July 28, 2009, Spectra Communications Group, LLC registered the fictitious name CenturyLink. Effective October 19, 2009, Spectra Communications Group, LLC, began operating under the name CenturyLink. As such, Spectra Communications Group, LLC d/b/a CenturyLink 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 Missouri Public Service Commission, State of Missouri, by or adopted by Spectra Communications Group, LLC prior to October 18, 2009.

By this notice, Spectra Communications Group, LLC. d/b/a CenturyLink also adopts and ratifies all supplements or amendments to any of the above schedules, etc., which Spectra Communications Group, LLC has heretofore filed with said Commission.

Spectra Communications Group, LLC d/b/a CenturyTel, hereby adopts, ratifies, and makes its own, in every respect as if the same had been originally filed by it, all tariffs, schedules, rules, notices or other instruments filed with the Public Service Commission, State of Missouri, under the name Spectra Communications Group, currently on file with and approved by the Commission.

FILED - Missouri Public Service Commission - 05/19/2023 - IN-2023-0394 - YI-2023-0207

ISSUED: May 19, 2023

EFFECTIVE: May 30, 2023

Director - Government Operations  
1120 South Tryon Street, Ste. 700  
Charlotte, NC 28203

FACILITIES FOR INTRASTATE ACCESS

Regulations, Rates and Charges Applicable to  
Facilities for Intrastate Access, Ancillary and Miscellaneous Services

Provided by

SPECTRA COMMUNICATION GROUP, LLC  
d/b/a CenturyLink

(C)

To Intrastate Customers

of this Telephone Company in Missouri

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

ISSUED:  
September 10, 2009

Gary L. Kepley  
Director – Regulatory Systems & Modeling  
5454 W. 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
October 19, 2009

FACILITIES FOR INTRASTATE ACCESS

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Issued: September 9, 2005

Effective: October 9, 2005

Chantel Mosby  
Manager, Tariffs and Compliance  
Monroe, LA

IO-2006-0108

**FILED**  
**MO PSC**

FACILITIES FOR INTRASTATE ACCESS

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(D)  
(T)  
(N)

ISSUED: December 19, 2011

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

EFFECTIVE: January 18, ~~2011~~  
2012

Filed  
Missouri Public  
Service Commission  
JI-2012-0280

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ISSUED: May 1, 2012

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

EFFECTIVE: July 3, 2012

FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634

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(C)  
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(C)  
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ISSUED: May 1, 2012

Gary Kepley  
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Overland Park, Kansas

EFFECTIVE: July 3, 2012

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TT-2012-0317; YI-2012-0634

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ISSUED: May 1, 2012

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

EFFECTIVE: July 3, 2012

FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634

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ISSUED: May 1, 2012

EFFECTIVE: July 3, 2012

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

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TT-2012-0317; YI-2012-0634



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ISSUED: May 1, 2012

EFFECTIVE: July 3, 2012

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

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**Missouri Public**  
**Service Commission**  
**TT-2012-0317; YI-2012-0634**

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ISSUED: May 1, 2012

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

EFFECTIVE: July 3, 2012

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**TT-2012-0317; YI-2012-0634**

**FACILITIES FOR INTRASTATE ACCESS**

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ISSUED: October 1, 2021

EFFECTIVE: November 1, 2021

Chantel Miller  
Director Government Operations  
Monroe, Louisiana

MO2021-13

**FILED**  
Missouri Public  
Service Commission  
JI-2022-0070

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ISSUED: October 1, 2021

EFFECTIVE: November 1, 2021

Chantel Miller  
Director Government Operations  
Monroe, Louisiana

MO2021-13

**FILED**  
Missouri Public  
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JI-2022-0070

**FACILITIES FOR INTRASTATE ACCESS**

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ISSUED: October 1, 2021

EFFECTIVE: November 1, 2021

Chantel Miller  
Director Government Operations  
Monroe, Louisiana

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00-182**MISSOURI  
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ISSUED:  
December 19, 2011

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EFFECTIVE:  
January 18, 2012

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JI-2012-0280

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CONCURRING CARRIERS  
No Concurring Carriers

CONNECTING CARRIERS  
No Connecting Carriers

OTHER PARTICIPATING CARRIERS  
No Other Participating Carriers

EXPLANATION OF SYMBOLS

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

(M)

(M)

(M) Material moved to Original Sheet 1.1 of this section.

ISSUED: December 19, 2011

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

EFFECTIVE: January 18, 2011

2012

Filed  
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Service Commission  
JI-2012-0280

**FACILITIES FOR INTRASTATE ACCESS**

EXPLANATION OF ABBREVIATIONS

AAM - Assumed Access Minutes  
ac - alternating current  
ACAT - Additional Cooperative Acceptance Testing  
ACD - Automatic Call Distributer  
AIOD - Automatic Identification of Outward Dialed  
AM - Access Minutes  
ANI - Automatic Number Identification  
ARD - Automatic Ringdown  
ASG - Access Services Group  
ASR - Access Service Request  
AST - Automatic Scheduled Testing  
AT&TC - American Telephone and Telegraph Communications, Inc.

BHMC - Busy Hour Minutes of Capacity  
BP - Billing Percentage  
BSA - Basic Serving Arrangement  
BSE - Basic Service Element

CCS - Centum Call-Seconds  
CCSA - Common Control Switching Arrangement(s)  
CDL - Customer Designated Location  
CDM - Call Days in Month  
CFA - Connecting Facility Assignment  
CMF - Chargeable Minimum Factor  
COMPS - Central Office Maintenance Planning System  
Cont'd - Continued  
CST - Cooperative Scheduled Testing  
CSU - Circuit Switching Unit

DA - Digital Data Access  
DAM - Distance in Airline Miles  
dB - Decibel  
dBm - Decibels below one milliwatt  
dBmO - Transmission Level Referred to the Zero Transmission Level Point  
dBrnC0 - Decibel Reference Noise C-Message Weighted O  
dBv - Decibels Referred to One Volt  
dc - direct current  
DDS - Digital Data Service  
DTMF - Dual Tone Multifrequency  
DX – Duplex

ECCKT - Exchange Carrier Circuit ID  
ELEPL - Equal Level Echo Path Loss  
E&M - The Receive and Transmit Leads of a Signaling System  
EML - Expected Measured Loss  
EPL - Echo Path Loss  
ERL - Echo Return Loss

(M)

(M)

(M) Material moved from Original Sheet 1 and Original Sheet 2 of this section.

ISSUED: December 19, 2011

EFFECTIVE: January 18, 2011

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

2012 Filed  
Missouri Public  
Service Commission  
JI-2012-0280



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EXPLANATION OF ABBREVIATIONS (Cont'd)

(M)

f – frequency  
FCC - Federal Communications Commission  
FCO - Foreign Central Office Service  
FIA - Facilities for Intrastate Access  
FNPA - Foreign Numbering Plan Area  
  
GSEC - General Services and Equipment Code  
  
HC - High Capacity  
HNPA - Home Numbering Plan Area  
Hz – Hertz  
  
IA - Interface Arrangement  
IC - Interexchange Carrier  
ICB - Individual Case Basis  
IDDD - International Direct Distance Dialing  
ILP - Initial Liability Period  
IP - Interconnection Point  
  
kbps - kilobits per second  
kHz – kilohertz  
  
LATA - Local Access and Transport Area  
LEC - Local Exchange Carrier  
  
Ma – Milliamperes  
Mbps - Megabits per second  
MHz – Megahertz  
MJU - Multi-Junction Unit  
MRC - Monthly Recurring Charge  
MST - Manual Scheduled Testing  
MTL - Maximum Termination Liability  
  
NA - Not Available  
NANP - North American Numbering Plan  
NECA - National Exchange Carrier Association  
NPA - Numbering Plan Area  
NRC - Nonrecurring Charge  
NST - Nonscheduled Testing  
NXX - Three Digit Central Office Code

(M1)

(M1)

(M) Material moved to Original Sheet 1.1 of this section.

(M1) Material moved to Original Sheet 2.1 of this section.

**FACILITIES FOR INTRASTATE ACCESS**

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

OPS – Off-Premises Station

PBX – Private Branch Exchange

PCM – Pulse Code Modulation

POT – Point of Termination

PSTN – Public Switched Telephone Network

PVU – Percent VoIP Usage

(N)

RMC – Recurring Monthly Charge

rms – root-mean-square

SCFA – Secondary Connecting Facility Assignment

SF – Single Frequency

SRL – Singing Return Loss

STR – Switched Transport Rate

TDCF – Total Day Conversion Factor

TDM – Time Division Multiplexing

TLP – Transmission Level Point

TV – Television

UL – Under Utilization Liability

VG – Voice Grade

VoIP – Voice over Internet Protocol

V&H – Vertical & Horizontal

WA – Wideband Analog

WATS – Wide Area Telecommunications Service

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## REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs of SPECTRA COMMUNICATIONS GROUP, LLC, the reference is to the tariffs in force as of the effective date of the tariff and any amendments thereto and successive issues thereof.

## REFERENCE TO TECHNICAL PUBLICATIONS

- (1) NECA Technical Reference Publication AS No. 1 - Issued March, 1984; entire issue Addendum - Issued March, 1987
- (2) GTE Technical Interface Reference Manual, Issue 2 - Issued August, 1984, Revised December 1985, August 1986 and October 1988; Sections 3300, 5107, 6000, 6103 and 7000
- (5) American National Standards Institute Publication ANSI T1.102, Issued 1987
- (3) Underwriters Laboratory Publication UL 94, Issued 1990
- (1) AT&T Technical Reference Publication 41014 - Issued February, 1978; entire issue
- (2) GTE Service Corporation Telephone Operations - Traffic Grade of Service Standards, Issued April, 1985; entire issue
- (4) Bellcore Technical Reference Publication  
TR-TSV-000905, Issue 1, August, 1989  
TR-NWT-000499, Issue 4, November, 1991  
TR-NWT-000063, Issue 4, July, 1991  
TR-TSY-000191, Issue 1, May, 1986  
TR-TSY-000487, Issue 1, July, 1989  
TR-NPL-000320, Issue 1, April, 1988
- (4) Multiple Exchange Carrier Access Billing (MECAB) Guidelines - Issued December, 1991.
- (4) Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines - Issued November, 1989.
- (6) NCS Manual 3-1-1 "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual", dated July 9, 1990.
- (6) NCS Handbook 3-1-2 "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook", dated July 9, 1990.

## REFERENCE TO NECA TARIFFS

- (1) NECA Tariff FCC No. 4

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- (1) Available from the Federal Communications Commission's commercial contractor.
- (2) Available from Testmark Labs, 3050 Harrodsburg Rd., Lexington, Kentucky 40503.
- (3) Available from Underwriters Laboratory, Inc. Attention: Publications, 333 Pfingsten Rd., Northbrook, Illinois 60062.
- (4) Available from Bellcore, Customer Service, 8 Corporate Place, Piscataway, New Jersey 08854-4196.
- (5) Available from American National Standards Institute, 1430 Broadway, New York, NY 10018.
- (6) Available from Government Printing Office, Superintendent of Documentation, Document Control Branch, 941 North Capitol Street, N.E., Washington, D.C. 20401.

Issued: May 10, 2000

Effective: August 1, 2000

Kenneth Matzdorff  
Chief Operating Officer  
Kansas City, Missouri

## FACILITIES FOR INTRASTATE ACCESS

## 1. APPLICATION OF TARIFF

- 1.1 This tariff contains regulations, rates and charges applicable to Carrier Common Line, Switched Access and Special Access or, in combination, as Facilities for Intrastate Access, hereinafter referred to as FIA, provided by SPECTRA COMMUNICATIONS GROUP, LLC, hereinafter referred to as the Telephone Company to customers. This tariff further provides for Ancillary and Miscellaneous Services. This tariff does not apply to other services offered by the Telephone Company. This Tariff is applicable to the following Telephone Company exchanges in Missouri.

1.1.1 SPECTRA COMMUNICATIONS GROUP, LLC

Amazonia	Fremont	Nebo
Annapolis	Golden City	Norwood
Arcola	Gorin	Oates
Aurora	Gower	Osborn
Avenue City	Greenfield	Osceola
Avilla	Grovespring	Palmyra
Belgrade	Hamilton	Paris
Belleview	Hartville	Perry
Birch Tree	Helena	Plattsburg
Bolckow	Houston	Potosi
Boss	Humansville	Raymondville
Braymer	Hunnewell	Revere
Bronaugh-	Irondale	Roby
Moundville	Ironton	Rockville
Brunswick	Jerico Springs	Rosendale
(Triplett)	Kahoka	Santa Fe
Bunker	Keytesville	Sarcoxi
Caledonia	Kidder	Savannah
Cameron	Kingston	Schell City
Canton	La Belle	Shelbina
Centerville	La Plata	Shelbyville
Clarence	Ladonia	Sheldon
Clarksdale	LaGrange	Stewartsville
Collins	Lawson	Stoutsville
Concordia	Lesterville	Timber
Cosby	Lewistown	Trimble
Dadeville	Licking	Turney
Dalton	Lowry City	Van Buren
Easton	Macon	Vanzant
Edgar Springs	Manes	Walker
Eldorado Springs	Maysville	Wayland
Ellsinore	Milo	Weaubleau
Elmer	Monroe City	West Quincy
Eminence	Montauk Park	Whitesville
Everton	Monticello	Winona
Ewing	Mt. Vernon	
Fillmore	Mtn. Grove	

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AUG 01 2000

00-182

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Issued: May 10, 2000

Effective: August 1, 2000

Kenneth Matzdorff  
Chief Operating Officer  
Kansas City, Missouri

FACILITIES FOR INTRASTATE ACCESS

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1. APPLICATION OF TARIFF (Cont'd)

1.2 Regulations, rates and charges as specified in this tariff apply to FIA and shall not serve as a substitute for IC tariff offerings of services to end users. The provision of such FIA by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with an IC for the furnishing of any service.

1.3 (Reserved for Future Use)

1.4 The regulations and rates contained in Section 5, Special Access, apply to Intrastate facilities only.

(C)

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Issued: February 3, 2009

Chantel Mosby  
Director, Tariffs and Compliance  
Monroe, Louisiana

Effective: March 5, 2009

FILED  
Missouri Public  
Service Commission  
JI-2009-0567

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MAY 10 2000

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Issued: May 10, 2000

Effective: August 1, 2000

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2. GENERAL REGULATIONS (Cont'd)

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2.1 Undertaking of the Telephone Company

MISSOURI Public Service Commission

2.1.1 Scope

- (A) (Reserved for Future Use)
- (B) The Telephone Company does not undertake to transmit calls or offer a telecommunications service under this tariff.
- (C) The Telephone Company shall be responsible only for the installation, operation, and maintenance of the services which it provides.
- (D) The Telephone Company will, for maintenance purposes, test its FIA only to the extent necessary to detect and/or clear troubles. Testing beyond normal parameters will be done as described in Section 6.
- (E) FIA are provided twenty-four hours daily, seven days per week.

2.1.2 Limitations

- (A) The customer may not assign or transfer the use of FIA provided under this tariff except that, where there is no interruption of use or relocation of the FIA, such assignment or transfer may be made to:
  - another customer, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such FIA, and the unexpired portion of the minimum period and the termination liability applicable to such FIA, if any; or
  - a court appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such FIA, if any.

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

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

- (B) The emergency provisioning and restoration of FIA shall be in accordance with Part 64, Subpart D, Paragraph 64.401, of the FCC's Rules and Regulations, which specifies the priority system for such activities. Section 6.4 describes the service arrangement.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.1 Undertaking of the Telephone Company (Cont'd)**MISSOURI  
Public Service Commission**2.1.2 Limitations (Cont'd)

(C) (Reserved for Future Use)

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

2.1.3 Liability

(A) The Telephone Company's liability, if any, for willful misconduct is not limited by this tariff. With respect to any other claim or suit by a customer for damages associated with the installation, provision, termination, maintenance, repair or restoration of FIA, and subject to the provisions of (B) through (D), the Telephone Company's liability, if any, shall not exceed an amount equal to the proportionate charge for the FIA for the period during which the provision of FIA was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the customer under this tariff as a credit allowance for a provision of FIA interruption.

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

(C) (Reserved for Future Use)

(D) The Telephone Company shall be indemnified, defended and held harmless by the customer against any claim, loss or damage arising from the use of FIA offered under this tariff. The foregoing indemnity shall issue on the customer separately, each being responsible for its own acts and omissions, involving:

- Claims for libel, slander, invasion of privacy, or infringement of copyright arising from any communications;
- Claims for patent infringement arising from combining or using the FIA furnished by the Telephone Company in connection with facilities or equipment furnished by the customer; or
- All other claims arising out of any act or omission of the customer in the course of using FIA provided pursuant to this tariff.

(E) The Telephone Company does not guarantee or make any warranty with respect to its FIA when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the customer from any and all claims by any person relating to the FIA so provided. The foregoing indemnity shall issue on the customer separately, each being responsible for its own acts and omissions.

(F) Except in the case of willful misconduct, under no circumstances whatever shall the Telephone Company be liable for indirect, incidental, special or consequential damages; and this disclaimer shall be effective notwithstanding any other provisions hereof.

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**MISSOURI  
Public Service Commission**

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.1 Undertaking of the Telephone Company (Cont'd)2.1.3 Liability (Cont'd)**MISSOURI  
Public Service Commission**

- (G) No license under patents is granted by the Telephone Company to the customer or shall be implied or arise by estoppel in the customer's favor with respect to any circuit, apparatus, system or method used by the customer in connection with FIA provided under this tariff. With respect to claims of patent infringement made by third persons, the Telephone Company will defend, indemnify, protect and save harmless the customer from and against all claims arising out of the use by the customer of FIA provided under this tariff.
- (H) The Telephone Company's failure to provide or maintain FIA under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the interruption allowance provisions.
- (I) The Telephone Company shall reimburse the customer for damages to premises or equipment of the customer resulting from the provision of FIA by the Telephone Company on such premises, or by the installation or removal thereof, caused by the negligence or willful act of the Telephone Company.

2.1.4 Provision of FIA

- (A) The Telephone Company, to the extent that such FIA are or can be made available with reasonable effort, and after provisions have been made for the Telephone Company's local service, will provide to the customer, upon reasonable notice, FIA offered in other applicable sections of this tariff at rates and charges specified therein.
- (B) FIA provided to a customer under this tariff may be connected directly to customer facilities and/or may be connected to access facilities of another telephone company or companies in the joint provision of intrastate access.

2.1.5 Installation and Termination of FIA

The FIA provided under this tariff (A) will include any entrance cable or drop wiring and wire or intrabuilding cable to that point where provision is made for termination of the Telephone Company's outside distribution network facilities at a suitable location inside a customer designated location, and (B) will be installed by the Telephone Company to such point of termination.

2.1.6 Maintenance of FIA

The FIA provided under this tariff shall be maintained by the Telephone Company. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any FIA provided by the Telephone Company, other than by connection or disconnection to any interface means used, except with the written consent of the Telephone Company.

**FILED**AUG 01 2000  
00 - 182**MISSOURI  
Public Service Commission**

FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.7 Changes and Substitutions

Except as provided for equipment and systems subject to Part 68 of the FCC Rules and Regulations in 47 C.F.R. Paragraph 68.110 (b), the Telephone Company may, where such action is reasonably required in the operation of its business, substitute, change, or rearrange any telephone plant used in providing FIA under this tariff, change minimum network protection criteria, change operating or maintenance characteristics of facilities, or change operations or procedures of the Telephone Company. In case of any such substitution, change or rearrangement, the facility parameters will be within generally accepted standards. The Telephone Company shall not be responsible if any such substitution, change or rearrangement renders any customer furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change, or rearrangement materially affects the operating characteristics or technical parameters of the FIA, as originally ordered by the customer, the Telephone Company will notify the customer in writing prior to making such substitution, change or rearrangement. Notification will be given as follows:

- Should a major change occur, the Telephone Company shall notify the customer at least one year in advance. A major change is described as any change in telephone plant which will affect the technical parameters of the interface (e.g., level, impedance, signaling, interface, bandwidth, two-wire, four-wire, etc.).
- Should a minor change occur, the Telephone Company shall notify the customer at least thirty days in advance. A minor change is described as any change in telephone plant which will not affect the technical parameters of the interface (e.g., level, impedance, signaling, interface, bandwidth, two-wire, four-wire, etc.).

The Telephone Company will work cooperatively with the customer relative to the redesign and implementation required by the change in operating characteristics.

2.1.8 Discontinuance and Refusal of FIA

- (A) Unless the provisions of 2.2.2(B) apply, if the customer fails to comply with the provisions of 2.1.6, 2.3.1, and 2.4.1(D), including any payments to be made by it on the dates or at the times herein specified, and fails within thirty (30) days after written notice, **by mail or by email if the customer is billed electronically or consents to receiving electronic notification**, from the Telephone Company to a person designated by the customer to correct such noncompliance, the Telephone Company may discontinue the provision of the FIA to the noncomplying customer. In case of such discontinuance, all applicable charges shall become due. (C)  
(C)
- (B) If the customer repeatedly fails to comply with the provisions of this tariff in connection with the provision of a FIA or group of FIA, and fails to correct such course of action after notice as in (A), the Telephone Company may refuse applications for additional FIA to the noncomplying customer until the course of action is corrected.

Issued: April 1, 2019

Effective: May 1, 2019

Chantel Bosworth  
Director Government Operations  
New Century, Kansas

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.1 Undertaking of the Telephone Company (Cont'd)2.1.9 Preemption of FIA

In certain instances, i.e., when spare facilities are not available, it may be necessary to preempt existing services to provision or restore National Security Emergency Preparedness (NSEP) Services. If, in its best judgement, the Telephone Company deems it necessary to preempt, then the Telephone Company will ensure that:

- (A) A sufficient number of public switched services are available for public use if preemption of such services is necessary to provision or restore NSEP Service.
- (B) The service(s) preempted have a lower or do not contain NSEP assigned priority levels.
- (C) A reasonable effort is made to notify the preempted service customer of the action to be taken.
- (D) A credit allowance for any preempted service shall be made in accordance with the provisions in Section 2.4.4(A).

2.1.10 Limitation of Use of Metallic Facilities

Except for loop and duplex (DX) type signaling, metallic facilities shall not be used for ground return or split pair operation. Signals applied to the metallic facility shall conform to minimum protection criteria for direct electrical connections as in Part 68 of the FCC Rules and Regulations. In the case of applications of dc telegraph signaling systems, the customer shall be responsible, at its expense, for the provision of current limitation devices to protect the Telephone Company FIA from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excess noise.

Interoffice metallic facilities are limited and requests for metallic facilities will only be provided where available. DC (Metallic) and telegraph-grade facilities and services have been discontinued. Interoffice metallic facilities (wire pairs) are in diminishing supply, and can be expected to become less available as optical fiber is deployed and wire cables are removed.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

**MISSOURI  
Public Service Commission**2.2 Use

2.2.1 (Reserved for Future Use)

2.2.2 Interference or Impairment

- (A) The characteristics and methods of operation of any circuits, facilities or equipment provided by other than the Telephone Company and associated with the FIA provided under this tariff shall not interfere with or impair service over any facilities of the Telephone Company, its connecting and concurring carriers, or other telephone companies involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to their employees or to the public.
- (B) Except as provided for equipment or systems subject to Part 68 of the FCC Rules and Regulations in 47 C.F.R. Paragraph 68.108, if such characteristics or methods of operation are not in accordance with (A), the Telephone Company will, where practicable, notify the customer, as appropriate, that temporary discontinuance of the use of FIA may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Telephone Company's right to temporarily discontinue forthwith the use of FIA if such action is reasonable in the circumstances. In case of such temporary discontinuance the customer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, allowance for interruption of FIA as in 2.4.4 is not applicable.

2.2.3 Unlawful Use of FIA

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

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00 - 182**MISSOURI  
Public Service Commission**

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.3 Obligation of the Customer**MISSOURI  
Public Service Commission**2.3.1 Damages

The customer shall reimburse the Telephone Company for damages to the Telephone Company facilities utilized to provide FIA under this tariff caused by:

- the negligence or willful act of the customer, or
- resulting from the customer's improper use of the Telephone Company facilities, or
- due to malfunction of any facilities or equipment provided by other than the Telephone Company.

Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions. The Telephone Company will, upon reimbursement for damages, cooperate with the customer in prosecuting a claim against the person causing such damage and the customer shall be subrogated to the right of recovery by the Telephone Company for the damages to the extent of such payment. The amount of reimbursement shall be the actual cost of repair to the damaged facilities including labor costs as specified in 6.2(G).

2.3.2 Theft

The customer shall reimburse the Telephone Company for any loss through theft of facilities, apparatus, or equipment utilized to provide FIA under this tariff at the customer designated location or at the end user's premises. The amount of reimbursement shall be the actual cost for replacement of facilities, apparatus, or equipment lost, plus labor costs as specified in 6.2(G).

2.3.3 Equipment Space and Power

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

## 2.3.4 (Reserved for Future Use)

## 2.3.5 (Reserved for Future Use)

2.3.6 Availability for Testing

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

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FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

2.3.7 Balance

All signals for transmission over the FIA provided under this tariff shall be delivered by the customer balanced to ground except for ground start and duplex (DX), McCulloh-loop (alarm system) type signaling, and dc telegraph transmission at speeds of 75 baud or less.

2.3.8 Design of Customer Services

Subject to the provisions of 2.1.7, the customer shall be solely responsible at its expense for the overall design of its services. The customer shall be responsible separately, each at its own expense, for any redesigning or rearrangement of its services which may be required because of changes in FIA, operations or procedures of the Telephone Company, minimum network protection criteria or operating or maintenance characteristics of the FIA.

2.3.9 References to Telephone Company

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

2.3.10 (Reserved for Future Use)

(M)

(M) Material moved to Original Sheet 15.1.

(M)

**FACILITIES FOR INTRASTATE ACCESS**

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2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

2.3.11 Claims and Demands for Damages

(M)

- (A) With respect to claims of patent infringement made by third persons, the customer shall defend, indemnify, protect and save harmless the Telephone Company from and against all claims arising out of the combining with, or use in connection with, the FIA provided under this tariff, any circuit, apparatus, system or method provided by the customer, the IC or its end users.
- (B) The customer shall defend, indemnify and save harmless the Telephone Company from and against suits, claims, and demands by third persons arising out of the construction, installation, operation, maintenance, or removal of the customer's circuits, facilities, or equipment connected to the Telephone Company's FIA provided under this tariff including, without limitation, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the customer's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the customer to obtain or maintain in effect any necessary certificates, permits, licenses or other authority to acquire or operate the FIA provided under this tariff; provided, however, the foregoing indemnification shall not apply to suits, claims, and demands to recover damages for damage to property, death, or personal injury unless such suits, claims or demands are based on the tortuous conduct of the customer, its officers, agents or employees.

2.3.12 Coordination With Respect to Network Contingencies

(T)

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

(M)

(M) Material moved from Original Sheet 15 and Original Page 16 of this section.



FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

2.3.13 Identification and Rating of VoIP-PSTN Traffic

(A) Scope

VoIP-PSTN Traffic is defined as traffic exchanged between a Telephone Company end user and the customer in Time Division Multiplexing ("TDM") format that originates and/or terminates in Internet Protocol ("IP") format. This section governs the identification and compensation of VoIP-PSTN Traffic that is required to be compensated at access rates, unless the parties have agreed otherwise, by the Federal Communications Commission in its Report and Order in WC Docket Nos. 10-90, etc., FCC Release No. 11-161 (November 18, 2011)("FCC Order"). Specifically this section establishes the method of separating VoIP-PSTN Traffic from the customer's traditional intrastate access traffic, so that VoIP-PSTN Traffic can be billed in accordance with the FCC Order.

(C)  
(C)

The FCC released its Second Order of Reconsideration in WC Docket No. 10-90, etc., FCC Release No. 12-47 (April 25, 2012) which temporarily modified the compensation of originating VoIP-PSTN Traffic on a prospective basis. Upon receipt, validation and acceptance of the Percent VoIP Usage factor, originating VoIP-PSTN Traffic will be compensated as follows:

(N)

- Between the Initial Implementation date described in 2.3.13.(D)(1), and July 12, 2012, the applicable rate elements used in providing originating access for VoIP-PSTN Traffic and associated facilities will be billed according to interstate access rates.
- Effective July 13, 2012 the applicable rate elements used in providing originating access for intrastate VoIP-PSTN Traffic and associated facilities will be billed according to intrastate access rates. The applicable rate elements used in providing originating access for interstate VoIP-PSTN Traffic and associated facilities will be billed according to interstate access rates.
- Effective July 1, 2014 the applicable rate elements used in providing originating access for intrastate VoIP-PSTN Traffic and associated facilities will be billed according to interstate access rates.
- After the Initial Implementation date described in 2.3.13.(D)(1), terminating VoIP-PSTN Traffic and associated facilities will be billed according to interstate access rates.

(N)

(M)

(M) Material moved to Original Sheet 15.2.1 of this section.

**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

2.3.13 Identification and Rating of VoIP-PSTN Traffic (Cont'd)

- |   |      |     |
|---|------|-----|
| (B) VoIP-PSTN Traffic and associated facilities identified in accordance with this tariff section will be billed at rates equal to the Telephone Company's applicable tariffed interstate switched access rate as specified in Section 17 when applicable based on the schedule shown above.  | (M)  | (C) |
|   |      | (C) |
| (C) <u>Calculation and Application of Percent VoIP Usage Factors</u>  |      | (T) |
| (1) The Telephone Company will determine the number of VoIP-PSTN Traffic minutes of use ("MOU") to which interstate rates will be applied under (B) preceding, by applying an originating Percent VoIP Usage ("PVU") factor to the total intrastate access MOU originated by a Telephone Company end user and delivered to the customer and by applying a terminating PVU factor to the total intrastate access MOU terminated by a customer to the Telephone Company's end user. | (M)  | (T) |
|   |      | (N) |
| (2) The Telephone Company will use state average data and the customer provided Facility PVU to determine the monthly recurring credit for terminating VoIP-PSTN Traffic.   |      | (N) |
| (3) The customer will calculate and furnish to the Telephone Company an originating PVU factor representing the whole number percentage of the customer's total originating intrastate access MOU that the customer exchanges with the Telephone Company in the state that is received from the Telephone Company and that is terminated in IP format and that would be billed by the Telephone Company as intrastate access MOU.   | (M1) | (T) |
|   |      | (T) |
| (4) The customer will calculate and furnish to the Telephone Company a terminating PVU factor representing the whole number percentage of the customer's total terminating intrastate access MOU that the customer exchanges with the Telephone Company in the state that is sent to the Telephone Company and which originated in IP format and that would be billed by the Telephone Company as intrastate access MOU.  | (M1) |     |

(M) Material moved from Original Sheet 15.2 of this section.

(M1) Material moved from Original Sheet 15.3 of this section.

FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

2.3.13 Identification and Rating of VoIP-PSTN Traffic (Cont'd)

- (C) Calculation and Application of Percent VoIP Usage Factors (Cont'd) (T)
- (M)
- (5) The customer will calculate and furnish to the Telephone Company a Facility PVU factor representing the whole number percentage of the customer's total monthly recurring switched transport charges that are associated with the intrastate access MOU included in the PVU factor. (N)  
(N)
- (6) The customer shall not modify their reported PIU factor to account for VoIP-PSTN traffic. (T)
- (7) The customer provided originating PVU, the terminating PVU and the Facility PVU shall be based on information such as the number of the customer's retail VoIP subscriptions in the state (e.g. as reported on FCC Form 477), traffic studies, actual call detail or other relevant and verifiable information which will be provided to Telephone Company upon request. (T) (C)  
(C)
- (8) The customer shall retain the call detail, work papers and information used to develop the PVU factors for a minimum of one year. (T)
- (9) If the customer does not furnish the Telephone Company with a PVU factor, the Telephone Company will utilize a PVU equal to zero. (T)

(M) Material moved to Original Sheet 15.2.1 of this section.

**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

2.3.13 Identification and Rating of VoIP-PSTN Traffic (Cont'd)

(D) Initial Implementation of PVU Factors

- (1) If the PVU factors cannot be implemented in the Telephone Company's billing systems by December 29, 2011, once the factors can be implemented, the Telephone Company will adjust the customer's bills to reflect the PVU factors prospectively in the next bill period, if the PVU factors are provided by the customer to the Telephone Company prior to April 15, 2012.
- (2) The Telephone Company may choose to provide credits based on the reported PVU factors on a quarterly basis until such time as the billing system modifications can be implemented.

(E) PVU Factor Updates

The customer may update the PVU factors quarterly using the method set forth in (C)(1) and (2) preceding. If the customer chooses to submit such updates, it shall forward to the Telephone Company, no later than 15 days after the first of January, April, July and/or October of each year, revised PVU factors based on data for the prior three months, ending the last day of December, March, June and September, respectively. The revised PVU factors will serve as the basis for future billing and will be effective on the next bill date, and shall serve as the basis for subsequent monthly billing until superseded by new PVU factors. No prorating or backbilling will be done based on the updated PVU factors.

(F) PVU Factor Verification

- (1) Not more than twice in any year, the Telephone Company may request from the customer an overview of the process used to determine the PVU factors, the call detail records, description of the method for determining how the end user originates or terminates calls in IP format, and other information used to determine the customer's PVU factors furnished to the Telephone Company in order to validate the PVU factors supplied. The customer shall comply, and shall reasonably supply the requested data and information within 15 days of the Telephone Company's request.

(N)

(N)

FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

2.3.13 Identification and Rating of VoIP-PSTN Traffic (Cont'd)

(F) PVU Factor Verification (Cont'd)

(2) The Telephone Company may dispute the customer's PVU factor based upon:

(a) A review of the requested data and information provided by the customer, or customer's refusal to provide the data and information to support the PVU factors. (C)  
(C)

(b) The Telephone Company's reasonable review of other market information, FCC reports on VoIP lines, such as FCC Form 477 or state level results based on FCC Local Competition Report or other relevant data.

(c) A change in the reported PVU factor by more than five percentage points from the preceding quarter.

(3) If after review of the data and information, the customer and the Telephone Company establish revised PVU factors, the customer and the Telephone Company will begin using those revised PVU factors with the next bill period. (T)

(4) If the dispute is unresolved, the Telephone Company may initiate an audit. The Telephone Company shall limit audits of the customer's PVU factor to no more than twice per year. The customer may request that the audit be conducted by an independent auditor. In such cases, the associated auditing expenses will be paid by the customer.

(a) In the event that the customer fails to provide adequate records to enable the Telephone Company or an independent auditor to conduct an audit verifying the customer's PVU factors, the Telephone Company will bill the usage and associated facilities for all contested periods using the most recent undisputed PVU factors reported by the customer. If no undisputed PVU factors exist, then PVU factors of zero percent will be used for all contested periods. These PVU factors will remain in effect until the audit can be completed. (C)  
|  
(C)

FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

(D)

2.4 Payment Arrangements and Credit Allowances

2.4.1 Payment of Charges and Deposits

- (A) The Telephone Company may, in order to safeguard its interests, require a customer, which has a proven history of late payments to the Telephone Company or does not have established credit, to make a deposit prior to or at any time after the provision of the FIA to the customer to be held by the Telephone Company as a guarantee of the payment of rates and charges. No such deposit will be required of a customer which is a successor of a company which has established credit and has no history of late payments to the Telephone Company.

At such time as the provision of the FIA to the customer is terminated, the amount of the deposit will be credited to the customer's account and any credit balance which may remain will be refunded. After the customer has established a one year prompt payment record, such a deposit will be refunded or credited to the customer account at any time prior to the termination of the provision of the FIA to the customer.

In case of a cash deposit, for the period the deposit is held by the Telephone Company, the customer will receive interest at the same percentage rate as that set forth in (D)(1) or (D)(2), whichever is lower.

(C)

The rate will be compounded daily for the number of days from the date the customer deposit is received by the Telephone Company to and including the date such deposit is credited to the customer's account or the date the deposit is refunded by the Telephone Company. Should a deposit be credit to the customer's account as indicated above, no interest will accrue on the deposit from the date such deposit is credited to the customer's account.

(C)

- (B) Where the provision of FIA requires facilities that meet any of the conditions specified in 10.1.1, Special Construction charges in Section 10 will apply.

ISSUED: February 27, 2017

EFFECTIVE: April 1, 2017

Gary Kepley  
Director - Regulatory Operations  
New Century, Kansas

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**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Charges and Deposits (Cont'd)

(C) The Telephone Company shall bill FIA services on a current basis for (a) all charges incurred, (b) applicable taxes, and (c) credits due the customer.

- Switched Access (except for the Entrance Facility, Direct-Trunked Transport and Multiplexing elements), Ancillary and Miscellaneous services shall be billed in arrears.
- Special Access, Switched Access Entrance Facility, Direct-Trunked Transport and Multiplexing elements shall be billed in advance except for the charges and credits associated with the initial or final bills. The initial bill will also include charges for the actual period of service up to, but not including, the bill date. The unused portion of the FIA already billed will be credited on the final bill.

The customer will receive its bill in; 1) electronic data transfer, 2) on-line bill image, or 3) paper format. Such bills are due when rendered regardless of the media utilized. Adjustments for the quantities of FIA established or discontinued in any billing period beyond the minimum period in 2.4.2 will be prorated to the number of days based on a 30 day month. The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.

(M)

(M)

(M) Material previously found on this sheet was moved to Sheet 17.1.

ISSUED: February 27, 2017

EFFECTIVE: April 1, 2017

Gary Kepley  
Director - Regulatory Operations  
New Century, Kansas

**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Charges and Deposits (Cont'd)

- (D) All bills to the customer are due 31 days (payment date) after the bill date or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval. In the event the customer does not remit payment in immediately available funds by the payment date, the FIA may be discontinued as specified in 2.1.8. (M)
- (1) If such payment date would cause payment to be due on a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, the second Tuesday in November and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed), payment for such bills will be due from the customer as follows: (T)
- If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.
  - If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday.
- If any portion of the payment is received by the Company after the payment date or if any portion of the payment is received by the Company in funds which are not immediately available to the Company, then a late payment penalty shall be due to the Company. The late payment penalty shall be the portion of the payment not received by the payment date times a late factor. The late factor shall be the lesser of: (C)
- (a) The highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Company, or
  - (b) 0.000407 per day, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Company. (C)

(M) Material moved to this sheet was previously found on Sheet 17.

ISSUED: February 27, 2017

EFFECTIVE: April 1, 2017

Gary Kepley  
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FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

MAY 10 2000

2.4.1 Payment of Charges and Deposits (Cont'd)

(D) (Cont'd)

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(2) In the event of a billing dispute, the customer must submit a documented claim for the disputed amount.

- If the claim is received within 6 months of the payment due date, and the customer has paid the total billed amount, any interest credits due the customer upon resolution of the dispute shall be calculated from the date of overpayment.
- If the claim is received more than 6 months from the payment due date, any interest credits due the customer upon resolution of the dispute shall be calculated from the later of the date the claim was received or the date of overpayment.

A credit will be granted to the customer for both the disputed amount paid and an amount equal to the percentage rate in (1).

The Telephone Company will assess or credit late payment charges on disputed amounts to the customer as follows:

- If resolved in favor of the Telephone Company and the customer has paid the disputed amount on or before the payment due date, no late payment charges will apply.
- If resolved in favor of the Telephone Company and the customer has withheld the disputed amount, any payments withheld pending settlement of the dispute shall be subject to the late payment charge in (1).
- If resolved in favor of the customer and the customer has withheld the disputed amount, the customer shall be credited for each month or portion thereof that the late payment charge in (1) may have been applied. In the event the customer has paid the late payment charge, a credit will be granted to the customer for both the late payment charge paid on disputed amount and an amount equal to the percentage rate in (1).

2.4.2 Minimum Periods

- (A) The minimum periods for which FIA are provided and which rates and charges are applicable are in 3.2.4.
- (B) The minimum periods for which FIA are provided and which rates and charges are applicable for Specialized FIA or Arrangements provided on an Individual Case Basis, as in Section 7 are established with the individual case filing.
- (C) For discontinuances of FIA with a one month minimum period, all applicable charges for the one month period will apply. In instances where the minimum period is greater than one month, however, the charge will be the lesser of the Telephone Company's non-recoverable costs less the net salvage value for the discontinued service or the minimum period charges.
- (D) (Reserved for Future Use)

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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.3 Cancellation of an ASR

Provisions for the cancellation of an ASR are in 3.2.6.

2.4.4 Credit Allowance for FIA Interruptions

(A) General

A FIA is interrupted when it becomes unusable to the customer because of a failure of a component used to furnish FIA under this tariff, or when the service is preempted as a result of invoking NSEP Treatment or when the application of protective controls interrupt all transmission paths as set forth in 4.2.9 following. An interruption period starts when Telephone Company personnel become aware that the FIA is inoperative.

The credit allowance(s) for an interruption or for a series of interruptions will be computed based upon the billing method which applies to the service being credited. In no case will the credit allowance for service interruptions exceed the applicable charges for the billing period during which the interruption occurred.

A credit allowance for any FIA service will apply for the period specified as follows:

- (1) For Special Access services (other than Program Audio and Videoband) and for Switched Access Entrance Facilities, Direct-Trunked Transport and Multiplexing services, a credit allowance will be made for an interruption period of 30 minutes or more. The allowance will be calculated at the rate of 1/1440 of the monthly charge for the portion of the FIA affected, for each 30 minutes or major fraction thereof that the interruption continues. A major fraction is considered to be sixteen minutes or more beyond the 30 minute period. (C)
- (2) For Program Audio and Videoband Special Access services, a credit allowance will be made for an interruption of 30 seconds or more. Two or more such interruptions occurring during a period of 5 consecutive minutes shall be considered as one interruption. The allowance will be calculated as follows:
  - (a) For Program Audio Service provided at monthly rates, the credit will be at the rate of 1/8640 of the monthly service rate.
  - (b) For Program Audio Service provided at daily rates, the credit will be at the rate of 1/288 of the daily rate.
  - (c) For Temporary Videoband Service provided at hourly rates, the credit will be at 1/12 of the hourly rate. (C)

ISSUED: May 1, 2012

EFFECTIVE: July 3, 2012

Gary Kepley  
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FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634

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2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.4 Payment Arrangements and Credit Allowances (Cont'd)

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2.4.4 Credit Allowance for FIA Interruptions (Cont'd)

(A) General (Cont'd)

(3) For Switched Access service, billed using assumed minutes of use, a credit allowance will be made for an interruption of 24 hours or more. The credit allowance will be calculated at 1/30 of the assumed minutes of use charge for each 24 hours or major fraction thereof that the interruption continues. A major fraction is considered to be 13 hours. No credit will be given where Switched Access billing is based on actual usage.

(B) When Credit Allowance Does Not Apply

No credit allowance will be made for:

- (1) Interruptions caused by the negligence of the customer.
- (2) Interruptions of a FIA due to the failure of equipment or systems provided by the customer or others.
- (3) Interruptions of a FIA during any period in which the Telephone Company is not afforded access to the premises where the FIA is terminated.
- (4) Interruptions of a FIA during an agreed upon period when the customer has released a FIA to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of an ASR for a change in the FIA. Should the maintenance, rearrangement, or ASR implementation interruption period extend beyond the agreed upon period, credit allowance will apply.
- (5) Interruptions of a FIA which continue because of the failure of the customer to authorize replacement of any element of Special Construction, as set forth in Section 10 following. The period for which no credit allowance is made begins on the seventh day after the Telephone Company's written notification to the customer of the need for such replacement and ends on the day after receipt of the customer's written authorization for such replacement.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Credit Allowance for FIA Interruptions (Cont'd)**MISSOURI  
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- (6) Periods when the customer elects not to release the FIA for testing and/or repair and continues to use it on an impaired basis.
- (7) (Reserved for Future Use)
- (8) An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.

(C) Use of an Alternative Service Provided by the Telephone Company

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

(D) Temporary Surrender of a FIA

In certain instances, the customer may be requested to surrender a FIA for purposes other than maintenance, testing or activity relating to an ASR. If the customer consents, or in the instance of preemption under NSEP Treatment as set forth in Section 2.1.9, a credit allowance will be granted. The credit allowance will be determined in accordance with 2.4.4(A).

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FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

2.5 Connections

Equipment and systems (i.e., terminal equipment, multiline terminating systems, and communications systems) may be connected with Switched and Special Access furnished by the Telephone Company where such connection or interconnection is made in accordance with the provisions specified in the NECA Technical Reference Publication AS No. 1 and in 2.1 preceding.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.6 Definitions

Certain terms used herein are defined as follows:

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Access Area

The term "Access Area" denotes a specific calling area containing those customers served by one or more Central Offices associated with the various Switched Access provisions offered under this tariff. The size and configuration of the Access Area a customer obtains is dependent upon the Feature Group type and the specific characteristics of the Central Office or Access Tandem office to which the connection is made.

Access Code

The term "Access Code" applies to Switched Access Service. It denotes a uniform seven digit code dialed by an end user to access an Interexchange Carrier's facilities. The seven digit code has the form 101XXXX or the form 950-XXXX.

Access Group

The term "Access Group" denotes a grouping of lines or trunks used to establish a connection between switching systems. Each grouping of lines or trunks is traffic engineered as a unit with each of the individual members of the group having identical characteristics and being interchangeable with any other member of the group.

Access Minutes

The term "Access Minutes" denotes that usage of exchange facilities in intrastate or foreign service for the purpose of calculating chargeable usage. On the originating end of an intrastate or foreign call, usage is measured from the time the originating End User's call is delivered by the Telephone Company to and acknowledged as received by the customer's facilities connected with the originating exchange. On the terminating end of an intrastate or foreign call, usage is measured from the time the call is received by the End User in the terminating exchange. Timing of usage at both originating and terminating ends of an intrastate or foreign call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating end exchanges, as applicable. For the calculation of total minutes, seconds are totaled and converted to minutes before rounding occurs. Remainder seconds greater than 29 are rounded to a minute.

Access Service Request

The term "Access Service Request" (ASR) denotes a document (i.e., order) used by the Telephone Company to process a customer's request for Access Services as offered throughout this tariff.

Access Tandem

The term "Access Tandem" denotes a telephone company switching system that provides a traffic concentration and distribution function for intrastate traffic originating from or terminating at end offices in the access area.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)

MAY 10 2000

Agent

The term "Agent", as used in Section 6 of this tariff, is defined as an individual or entity that SPECTRA COMMUNICATIONS GROUP, LLC acknowledges as controlling decisions pertaining to instrument placement, subscription authority, and access or usage control of Public or Semipublic Pay Telephone Service or, that person or entity duly authorized to act in that capacity by the physical owner of the premises.

MISSOURI  
Public Service CommissionAggregator

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

Alternate Billing Service

The term "Alternate Billing Service (ABS)" denotes the ability of the end user to bill calls to an account not necessarily associated with the originating line, including calling card, collect and third number billing.

Answer/Disconnect Supervision

The term "Answer/Disconnect Supervision" denotes the transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the CDL for terminating calls to a Telephone Company end office as an indication that the called party has answered or disconnected.

Answer Message

The term "Answer Message" denotes an SS7 message sent in the backward direction to indicate that the call has been answered.

Attempt

The term "Attempt" denotes a call in the originating direction from an end user to a CDL which is completed (answered) or not completed (not answered) and a call in the terminating direction from a CDL to a customer which is completed (answered) or not completed (not answered).

Attenuation Distortion

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

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FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.6 Definitions (Cont'd)

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Balance (100-Type) Test Line

The term "Balance (100-Type) Test Line" denotes a standard feature of FGA, FGB, FGC, FGD and 800 Access Service and refers to the end office termination provided for balance and noise testing. The termination provides off-hook supervision to the calling end, and terminates the line or trunk in a resistive and capacitive arrangement which simulates the characteristic impedance of the end office.

Basic Service Element

The term "Basic Service Element (BSE)" denotes an unbundled service option available only with Basic Serving Arrangements.

Basic Serving Arrangement

The term "Basic Serving Arrangement (BSA)" denotes a category of Switched Access Service differentiated by technical characteristics, e.g., line side versus trunk side connection at the Telephone Company's first point of switching.

BHMC

See Busy Hour Minutes of Capacity.

Billed Number Screening

The term "Billed Number Screening (BNS)" denotes the process of utilizing a line information data base to determine billing number acceptance for collect and third number calls and to perform public telephone line number checks to prevent the alternate billing of calls to public coin telephone lines.

Bit

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

Bridging

The term "Bridging" denotes the connection of one or more circuits in parallel with another circuit without interrupting the continuity of the first circuit.

Bridging Wire Center

The term "Bridging Wire Center" denotes the telephone company designated wire center in which bridging is accomplished.

Business Day

The term "Business Day" denotes the times of day that a company is open for business. Generally, in the business community, these are 8:00 or 9:00 a.m. to 5:00 or 6:00 p.m., respectively, with an hour for lunch, Monday through Friday, resulting in a standard forty (40) hour work week.

Busy Hour Minutes of Capacity

The term "Busy Hour Minutes of Capacity" (BHMC) denotes the trunk group usage load consisting of the average usage load for the busy season.

Busy Season

The term "Busy Season" denotes the four consecutive weeks of the calendar year having the highest daily busiest hour traffic load based on a five day week. Normally the five-day week consists of Monday through Friday. Where weekend traffic is greater than weekday traffic, one or both weekend days may be used as a substitute for a weekday as long as a consistent five-day week is maintained for the four consecutive weeks.

FILED

Issued: May 10, 2000

Effective: August 1, 2000

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AUG 01 2000  
00 - 182

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**RECEIVED**

FACILITIES FOR INTRASTATE ACCESS

MAY 10 2000

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

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Byte

A sequence or group of eight bits that represents one character.

C-Conditioning

The term "C-Conditioning" denotes a telephone company special treatment of the transmission path in order to control attenuation and envelope delay distortion.

C-Message Noise

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

C-Notched Noise

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

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.6 Definitions (Cont'd)**MISSOURI  
Public Service Commission**CCS

The term "CCS" denotes a hundred call-seconds which is a standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of lines or trunks.

Call

The term "Call" denotes a communication including an off-hook signal and routing information initiated at the originating location and completed to a terminating location.

Cellular Mobile Carrier (CMC)

The term "Cellular Mobile Carrier (CMC)" denotes a Common Carrier authorized by the Federal Communications Commission to provide cellular mobile radio telecommunications services.

Central Office

The term "Central Office" denotes a telephone company local switching system where telephone company local service subscriber station loops are terminated for purposes of interconnection to each other and to trunks.

Central Office Loop Around Test Line

The term "Central Office Loop Around Test Line" denotes equipment in the Telephone Company's end office which provides a means for making two-way transmission tests for Switched Access services. These transmission tests are normally for the measurement of level and noise tests. This arrangement has two terminations, each reached by means of a separate seven digit number.

Central Office Prefix

The term "Central Office Prefix" denotes the first three digits (NXX) of the telephone number assigned to a telephone company subscriber's local service.

Centralized Automatic Reporting on Trunks (CAROT) Testing

The term "Centralized Automatic Reporting on Trunks (CAROT) Testing" denotes a type of testing which includes the capacity for measuring the 1000 Hz loss, C-message weighted noise, C-notched noise, loss slope, and the provision of a balance termination.

Channelize

The term "Channelize" denotes the process of multiplexing demultiplexing circuits using analog or digital techniques.

Circuit

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

Committed Information Rate (CIR)

The term "Committed Information Rate (CIR)" denotes the maximum information rate at which customer traffic will be admitted to the Frame Relay network without being designated eligible for discard.

Common Channel Signaling System 7 Network (CCS7)

The term "Common Channel Signaling System 7 Network (CCS7)" denotes a dedicated out-of-band signaling network which utilizes Signaling System 7 (SS7) protocol to provide call handling and data base access services.

Issued: May 10, 2000

Effective: August 1, 2000

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**FILED**  
AUG 01 2000  
00-182  
MISSOURI  
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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Common Line

The term "Common Line" denotes a line, trunk, coin line or other facility provided under the Telephone Company General and/or Local Tariffs, terminated on a Central Office switch. A Common Line - Residence is a line or trunk provided under the residence regulations of the Telephone Company General and/or Local Tariffs. A Common Line - Business is a line or trunk provided under the business regulations of the Telephone Company General and/or Local Tariffs. A coin line is a line provided under the public and/or semi-public service regulations of the Telephone Company General and/or Local Tariffs.

Common Trunk Port

The term "Common Trunk Port" denotes the termination of shared access trunks when traffic is routed to an end office through an access tandem, host office or dial tone office.

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Communications System

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

Confirmed ASR

The term "Confirmed ASR" denotes a customer's ASR for a) Switched Access FIA which the Telephone Company has processed with the Engineering Department to confirm for the customer and the Telephone Company the availability of facilities and/or equipment, and b) Special Access FIA for which the Telephone Company confirms to the customer that the established due date can be met. The date the ASR is confirmed, the standard service date interval commences.

Confirming Design Layout Report Date

The term "Confirming Design Layout Report (CDLR) Date" identifies the date that the Telephone Company is scheduled to receive confirmation that the Design Layout Report provided by the Telephone Company for a confirmed ASR is acceptable.

Conventional Signaling

The term "Conventional Signaling" denotes the inter-machine signaling system which has been traditionally used in North America for the purpose of transmitting the called number's address digits from the originating end office to the switching machine which will terminate the call. In this system, all of the dialed digits are received by the originating switching machine, a path is selected, and the sequence of supervisory signals and outpulsed digits is initiated. No overlap outpulsing, ten-digit ANI, ANI information digits, or acknowledgement wink are included in this signaling sequence.

ISSUED: May 1, 2012

EFFECTIVE: July 3, 2012

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FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634

FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Customer

The term "Customer" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or any other entity which subscribes to the services offered under this tariff. For the purposes of this tariff Local Exchange Carriers (LECs) that participate in the Primary Carrier by Toll Center Plan, are included in this definition.

Customer Designated Location

The term "Customer Designated Location" (CDL) denotes a location specified by the customer for the purpose of terminating FIA services. The Telephone Company must have access to the location to perform installation, testing, and maintenance functions. The customer may or may not have access to the location. CDLs include locations such as customer premises, end user premises, customer repeater stations, customer microwave towers, a Telephone Company's first point of switching, some other point where Telephone Company testing can occur, etc. A CDL may be designated by the customer for Switched Access, Special Access, or both in combination.

D-Conditioning

The term "D-Conditioning" denotes a Telephone Company special treatment of the transmission path in order to control C-notched noise and intermodulation distortion.

Daily Busiest Hour

The term "Daily Busiest Hour" denotes the highest usage hour for each day with the reading taken on the clock hour or half hour. The clock hour or half hour selection varies from day to day, depending upon the usage measured. The Daily Busiest Hour is also known as the Bouncing Busy Hour.

Data Transmission (107-Type) Test Line

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

Dedicated Trunk Port

The term "Dedicated Trunk Port" denotes the termination of Feature Group B and D access trunks to an end office when provided as a trunk side arrangement or to the access tandem at the serving wire center side of the switch.

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Material omitted from this page now appears on Original Sheet 29.1.

ISSUED: May 1, 2012

Gary Kepley  
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EFFECTIVE: July 3, 2012

FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634

FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Direct-Trunked Transport

The term "Direct-Trunked Transport" denotes switched access transport from the serving wire center to the end office on circuits dedicated to the use of a single access customer without tandem switching, or from the serving wire center to the access tandem when the transport from the access tandem to the end office is routed on circuits used in common by multiple access customers.

Dual Tone Multifrequency Address Signaling

The term "Dual Tone Multifrequency (DTMF) Address Signaling" denotes a type of signaling that is an optional feature of FGA and BSA-A. It may be utilized when FGA or BSA-A is being used in the terminating direction. An office arranged for signaling would expect to receive address signals from the IC in the form of DTMF format.

Echo Path Loss

The term "Echo Path Loss" denotes the measure of reflected signal at a four-wire interface without regard to the send and receive Transmission Level Point (TLP).

Echo Return Loss

The term "Echo Return Loss" denotes a frequency weighted measure of return loss over the middle of the voiceband (approximately 500 to 2500 Hz) where talker echo is most annoying.

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Certain material found on this page formerly appeared on Original Sheet 29.

ISSUED: May 1, 2012

Gary Kepley  
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EFFECTIVE: July 3, 2012

FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.6 Definitions (Cont'd)**MISSOURI  
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The term "End Office Switch" denotes a Telephone Company local switching system located in a wire center where Telephone Company local service subscriber station loops are terminated for purposes of originating and terminating traffic to or from a customer.

End User

The term "End User" means any customer of an intrastate or foreign telecommunications service that is not a carrier, except that a carrier, other than the Telephone Company, shall be deemed to be an "end user" to the extent that such carrier uses a telecommunications service for administrative purposes, and a person or entity that offers telecommunications services exclusively as a reseller shall be deemed to be an "end user" if all resale transmissions offered by such reseller originate on the premises of such reseller (e.g., hotels, motels and shared tenant services).

Engineering Review

The term "Engineering Review" denotes the examination of an ASR with a customer requested change to determine if a design change is required. It includes, but is not limited to, the review for possible change requirements in equipment, interfaces, circuit configurations, engineering records, and billing.

Entry Switch

See First Point of Switching.

Excess Burst Size [B(e)]

The term "Excess Burst Size [B(e)]" denotes the data rate above Committed Information Rate (CIR) at which customer data will be admitted to the Frame Relay network. All Excess Burst data admitted to the network will be designated discard eligible.

Excess Capacity

The term "Excess Capacity" denotes a quantity of FIA requested by the customer which is greater than that which the Telephone Company would construct to fulfill the customer's ASR.

Exchange

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

Exchange Access Signaling

The term "Exchange Access Signaling" denotes the signaling system used by equal access end offices to transmit originating information and address digits to the customer's premises and includes the means of verifying the receipt of these address digits. Features of this system include overlap outpulsing (in suitably equipped end offices), identification of the type of call, identification of the ten-digit telephone number of the calling party, and acknowledgement wink supervisory signals.

**FILED**AUG 01 2000  
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2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.6 Definitions (Cont'd)

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Exit Message

The term "Exit Message" denotes an SS7 message sent to an end office by the Telephone Company tandem switch to mark the connect time when the Telephone Company's tandem switch sends an Initial Address Message to a customer.

Extended Area Service

The term "Extended Area Service" (EAS) denotes an arrangement whereby a customer in one exchange can call a local number in another exchange that is part of the extended area without paying a toll charge.

Firm Order Confirmation Date

The term "Firm Order Confirmation (FOC) Date" denotes the date that the Telephone Company will provide the schedule of dates for the provisioning activities associated with the customer's request for service.

First Point of Switching

The term "First Point of Switching" denotes either the first telephone company location at which switching occurs on the terminating path of a call proceeding from the CDL to the terminating end office or the last telephone company location at which switching occurs on the originating path of a call proceeding from the originating end office to the CDL.

Four-Wire to Two-Wire Conversion

The term "Four-Wire to Two-Wire Conversion" denotes an arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity such as a central office switch trunk circuit or switching system.

Frame

The term "Frame" denotes a group of data bits, in specific format, with a flag at either end to indicate the beginning and end of the frame. The defined format enables network equipment to recognize the meaning and purpose of specific bits.

Frame Relay Access Line

Provides access to the Frame Relay Network connecting customer facilities at the network interface with a corresponding Frame Relay Port.

Frame Relay Port

The term "Frame Relay Port" denotes, for Frame Relay Service, the physical entry points for access lines and the originating and terminating points for Permanent Virtual Circuits (PVCs). Ports include the electronic equipment used in connecting these service elements to the Frame Relay Network and enable customers to allocate bandwidth to applications, as needed, at customer designated transmission speeds between 56/64 Kbps to 45 Mbps.

Gateway Switch

The switch through which communication passes between public packet switched networks.

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## FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)**MISSOURI  
Public Service Commission**Ground Start Supervisory Signaling

The term "Ground Start Supervisory Signaling" denotes a type of signaling which provides for the application of ground on the tip side at the point of termination (assuming no signaling conversion has been provided by the Telephone Company) as an initial seizure signal before the application of ringing in the originating direction (towards the customer from the end office).

Immediately Available Funds

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

Individual Case Basis

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

Information Service Provider

The term "Information Service Provider" denotes one who offers a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information which may be conveyed via telecommunications, except that such service does not include (1) any use of any such capability for the management, control, or operation of a telecommunications system or the management of a telecommunications service, or (2) the provision of time, weather, and such other similar audio services that are offered by any GTOC.

Initial Address Message (IAM)

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

Installed Cost

The term "Installed Cost" denotes the total cost (estimated or actual) by the Telephone Company to provide facilities for the offered services.

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00 - 182**MISSOURI  
Public Service Commission**



## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.6 Definitions (Cont'd)**MISSOURI  
Public Service Commission**Interexchange Carrier (IC) or Interexchange Common Carrier

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

Intermodulation Distortion

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

Interstate Communications

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

Intrastate Communications

The term "Intrastate Communications" denotes any communications within a state subject to oversight by a state regulatory commission as provided by the laws of the state involved.

Line

The term "Line" denotes a communications path connecting an end office switch with an end user's premises or a CDL for the provision for FGA or BSA-A.

Line Group

The term "Line Group" denotes a grouping of lines which are traffic engineered as a unit for the establishment of connections between end office switches and customers in which all of the communications paths are interchangeable.

Line Side Connection

The term "Line Side Connection" denotes a connection of a transmission path to the line side of an end office system.

Local Access and Transport Area

The term "Local Access and Transport Area" (LATA) denotes a geographic area for the provision and administration of communications service. It encompasses designated Access Areas which are grouped to serve common social, economic, and other purposes.

Local Exchange Carrier (LEC) - The term "Local Exchange Carrier" (LEC) denotes the certificated provider of basic local exchange telephone service.

**FILED**AUG 01 2000  
8 0 - 18 2**MISSOURI  
Public Service Commission**

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.6 Definitions (Cont'd)**MISSOURI  
Public Service Commission**Logical Channel

The term "Logical Channel" denotes a communication channel which allows two-way simultaneous transmission of data packets through the network. No circuit capability is preassigned to a logical channel. Capacity is made available as the data is transmitted. Each virtual connection utilizes one logical channel.

Maximum Burst Rate (MBR)

The term "Maximum Burst Rate (MBR)" denotes the maximum information rate at which customer traffic will be admitted to the Frame Relay network. Traffic rates in excess of MBR will be automatically discarded on ingress to the network. Maximum burst Rate is equal to the sum of the Committed Information Rate (CIR) and Excess Burst Size [B(e)].

MTS

The term "MTS" is an acronym for Message Telecommunications Service which is intrastate long distance service that is generally rates on an individual call basis as charged by the MTS provider to the MTS end user. Address signaling for traffic originating or terminating at the common line of the MTS end user is by means of a seven digit telephone number and, when required, a three digit NPA code.

MTS Access

The term "MTS Access" is an access service provided to customers for the purpose of enabling the provision of MTS. MTS Access is provided by the Telephone Company using a combination of Switched Access Service and Common Lines as offered within this tariff.

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AUG 01 2000

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.6 Definitions (Cont'd)**MISSOURI  
Public Service Commission**Maximum Termination Liability

The term "Maximum Termination Liability" (MTL) denotes the maximum amount of money for which the customer is liable in the event all FIA ordered in a Special Construction case are discontinued before a specified period of time.

Maximum Termination Liability Period

The term "Maximum Termination Liability Period" denotes the length of time the customer is liable for a termination charge in the event specially constructed FIA are terminated. The MTL period is equal to the average account life of the FIA provided.

Mid Link

The term "Mid Link" denotes the Special Transport facilities between Hub Wire Centers where the circuit is bridged and/or where switching devices such as a loop transfer arrangement are located.

Milliwatt (102 Type) Test Line

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

Mobile Telephone Switching Office (MTSO)

The term "Mobile Telephone Switching Office (MTSO)" denotes a Cellular Mobile Carrier (CMC) switching facility that is used to originate or terminate calls on the CMC network, or originate or terminate calls between the CMC and the public switched telephone network.

Multicarrier Access Area

The term "Multicarrier Access Area" denotes an EAS for FGA and BSA-A or an area for FGB and BSA-B where FIA Services are provided by more than one telephone company in which a customer obtains access to an entire EAS, FGB or BSA-B area by obtaining a FGA, FGB, BSA-A or BSA-B access tandem arrangement that connects its switch with the First Point of Switching of the Primary Exchange Carrier.

National Security Emergency Preparedness (NSEP) Services

The term "National Security Emergency Preparedness (NSEP) Services" denotes telecommunications services which are used to maintain a state of readiness or to respond to and manage any event or crisis (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 NSEP posture of the United States.

Net Salvage

The term "Net Salvage" denotes the estimated scrap, sale, or trade-in value, less the estimated cost of removal. Cost of removal includes the costs of demolishing, tearing down, removing, or otherwise disposing of the material and any other applicable costs. Because the cost of removal may exceed salvage, facilities may have negative net salvage.

Network Channel Interface Code

The "Network Channel Interface" code (NCI) is an ordering code that provides an indication of the generic channel type. The NCI code provides the technical characteristics of the interface and describes the physical and electrical characteristics of the special access interface to the customer designated locations.

**FILED**

AUG 01 2000

00-182

Issued: May 10, 2000

Effective: August 1, 2000

**MISSOURI  
Public Service Commission**  
Chief Operating Officer  
Kansas City, Missouri

## FACILITIES FOR INTRASTATE ACCESS

### 2. GENERAL REGULATIONS (Cont'd)

#### 2.6 Definitions (Cont'd)

##### Non-Overlap Outpulsing

The term "Non-Overlap Outpulsing" is the feature of the exchange access signaling system which provides initiation of pulsing to the customer's premises after the calling subscriber has completed dialing an originating call.

##### Nonrecoverable Cost

The term "Nonrecoverable Cost" denotes the cost of specially constructed facilities for which the Telephone Company has no foreseeable use should the customer terminate service.

##### Nonsynchronous Test Line

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

##### Non-Toll Free

**All calls that are not toll free (8YY) as established by the FCC's 8YY Access Charge Reform Order (FCC 20-143) released on October 9, 2020.**

##### North American Numbering Plan

The term "North American Numbering Plan" denotes a three-digit area or Numbering Plan Area (NPA) code and a seven-digit telephone number made up of a three-digit Central Office code (NXX) plus a four-digit station number (XXXX).

##### NSEP Treatment

The term "NSEP Treatment" denotes the provisioning of a telecommunications service before others based on the provisioning priority level assigned by the Executive Office of the President.

##### Off-Hook

The term "Off-Hook" denotes the active condition of Switched Access or a Telephone Company local service line.

##### On-Hook

The term "On-Hook" denotes the idle condition of Switched Access or a Telephone Company local service line.

##### Open Circuit Test Line

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

##### Operator Services Provider

The term "Operator Services Provider" denotes the provider of operator services to which an end user placing an operator assisted call is connected.

##### Operator Services Switching Location (OSSL)

A Telephone Company office where Telephone Company equipment processes Operator Services calls to or from a customer designated location in the same LATA.

##### Operator Services System

The switching equipment, facilities, operator positions and software components utilized for the provision of operator services.

ISSUED: May 14, 2021

EFFECTIVE: July 1, 2021

MO2021-06

Chantel Bosworth  
Director Government Operations  
Monroe, Louisiana

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Missouri Public  
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JI-2021-0200

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2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.6 Definitions (Cont'd)

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Order Interval

The term "Order Interval" denotes the interval between the Scheduled Issue Date and the Service Date.

Originating Direction

The term "Originating Direction" denotes the use of Switched Access for the origination of calls from an end user to a CDL.

Originating Point Code

The term "Originating Point Code (OPC)" denotes the identity assigned to each Operator Service System (OSS) location.

Overlap Outpulsing

The term "Overlap Outpulsing" is the feature of the exchange access signaling system which permits initiation of pulsing to the customer's premises before the calling subscriber has completed dialing an originating call.

Permanent Virtual Circuit (PVC)

The term "Permanent Virtual Circuit (PVC)" denotes a logical channel defined in software, that establishes a path from one customer port to another.

Plant Test Date

The term "Plant Test Date" denotes the date on which installation is completed and the Telephone Company to customer testing can begin.

Point of Termination

The term "Point of Termination" denotes the point of demarcation at a CDL or end user premises at which the Telephone Company's responsibility for the provision of FIA Service ends.

Premises

The term "Premises" denotes a building or buildings on continuous property (except Railroad Right-of-Way, etc.) not separated by a public highway.

Pre-service Testing

The term "Pre-service Testing" denotes tests performed on a FIA to assure standard transmission performance/parameters meet specifications prior to acceptance testing.

Primary Exchange Carrier

The term "Primary Exchange Carrier" (PEC) denotes the telephone company in whose exchange a customer's first point of switching (i.e., dial tone for FGA or BSA-A, an access tandem for FGB or BSA-B) is located.

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AUG 01 2000

00-182 MISSOURI Public Service Commission

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.6 Definitions (Cont'd)**MISSOURI  
Public Service Commission**Primary Toll Carrier (PTC)

The term "Primary Toll Carrier" (PTC) denotes a Local Exchange Carrier that has the responsibility for all intraLATA toll traffic which originates within its toll complex, regardless of the identity of the provider of local exchange service.

Protocol

A set of rules governing the format to be followed when transmitting information between communicating devices.

Public Pay Telephone

The term "Public Pay Telephone" denotes a switched coin line provided under the Public Telephone Service regulations of the Telephone Company General Exchange and/or Local Exchange Tariffs.

Query

The term "Query" denotes a Signaling System 7 (SS7) message requesting specific information from a data base.

Recoverable Cost

The term "Recoverable Cost" denotes the cost of specially constructed facilities for which the Telephone Company has a foreseeable reuse, either in place or elsewhere should the customer terminate service.

Registered Equipment

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

Release Message

The term "Release Message" denotes an SS7 Message sent in either direction to indicate that a specific circuit is being released.

Route Mileage

The term "Route Mileage" denotes the actual Telephone Company provided facility mileage of a transmission circuit.

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AUG 01 2000

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Public Service Commission**

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.6 Definitions (Cont'd)**MISSOURI  
Public Service Commission**Scheduled Issue Date

The term "Scheduled Issue Date" denotes the date the Telephone Company is scheduled to issue the confirmed ASR to all associated work groups.

Secondary Exchange Carrier

The term "Secondary Exchange Carrier" (SEC) denotes the telephone company in whose exchange a customer does not subscribe to FGA, FGB, BSA-A or BSA-B service, but from whose exchange the customer's end users can call the interexchange switch or CDL of an IC in the primary exchange of another telephone company on a toll-free basis.

Semi-Public Pay Telephone

The term "Semi-Public Pay Telephone" denotes a switched coin line provided under the Semi-Public Telephone Service regulations of the Telephone Company General and/or Local Tariffs.

Service Date

The term "Service Date" denotes the date that the FIA is to be placed in service. A confirmed ASR is required to establish a service date.

Seven-Digit Manual Test Line

The term "Seven-Digit Manual Test Line" denotes a set of optional features for all Switched Access which allow the IC to select balance, milliwatt, and synchronous test lines of FGA and BSA-A, by manually dialing a seven-digit number over the associated Switched Access.

Short Circuit Test Line

The term "Short Circuit Test Line" denotes the end office circuit which provides an ac short circuit termination of the trunk or line by means of a capacitor of at least 4 microfarads.

Signaling System 7 (SS7)

The term "Signaling System 7 (SS7)" denotes the layered protocol used for standardized common channel signaling in the United States.

**FILED**

AUG 01 2000

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Public Service Commission**

FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Statistical Multiplexing

The term "Statistical Multiplexing" denotes a technique in which timeslots are dynamically allocated on the basis of need rather than being predetermined. The data is typically transmitted on a first come, first served basis.

Synchronous Test Line

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

Tandem-Switched Transport

The term "Tandem-Switched Transport" denotes switched access transport from the access tandem to an end office subtending that tandem. Tandem-switched transport consists of circuits used in common by multiple access customers from the tandem to the end office.

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Telecommunications Service Priority (TSP) System

The term "Telecommunications Service Priority (TSP) System" or "TSP System" refers to the regulatory, administrative and operational system authorizing and providing for priority treatment (i.e., the provisioning and restoration) of NSEP Services.

Temporary Facilities

The term "Temporary Facilities" denotes facilities used to provide FIA to a customer for less than the minimum service period or less than one month, whichever is longer, or to provide FIA while permanent facilities are being constructed.

Terminating Direction

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

Material omitted from this page now appears on Original Sheet 39.1.

ISSUED: May 1, 2012

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

EFFECTIVE: July 3, 2012

FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634



**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

**Toll Free Code (TFC)**

The term "Toll Free Code" denotes a three-digit Numbering Plan Area (NPA) or Area Code that is specifically assigned by the telecommunications industry for use by Telecommunications Service Providers in the provision of telephone numbers that, unlike traditional telephone numbers and calls, when dialed are toll free to the originating caller. The specific codes assigned and used, or reserved for use, for this purpose are 800, 822, 833, 844, 855, 866, 877, and 888.

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Toll VoIP-PSTN Traffic

The term "Toll VoIP-PSTN Traffic" denotes a customer's interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing format over PSTN facilities, which originates and/or terminates in Internet Protocol (IP) format. "Toll VoIP-PSTN Traffic" originates and/or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premises equipment.

Trunk

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

Trunk Group

The term "Trunk Group" denotes a grouping of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

ISSUED: May 14, 2021

Chantel Bosworth  
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EFFECTIVE: July 1, 2021

MO2021-06

FILED  
Missouri Public  
Service Commission  
JI-2021-0200

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.6 Definitions (Cont'd)**MISSOURI  
Public Service Commission**Trunk Side Connection

The term "Trunk Side Connection" denotes the connection of a transmission path to the trunk side of an end office switch.

V&H Coordinates Method

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

WATS Serving Office

The term "WATS Serving Office" denotes a Telephone Company designated serving wire center where switching, screening and/or recording functions are performed in connection with a Special Access Line used with a Switching Interface as in 4.2.5(V).  
#

Wire Center

The term "Wire Center" denotes a location in which one or more central office switches, and cross connection equipment used for the provision of Telephone Company telecommunications services, are located.

Wire Center Area

The term "Wire Center Area" denotes the geographic area served by a Wire Center through the use of central office switching equipment, cross connection equipment, and subscriber loops.

**FILED**

AUG 01 2000

00 - 182

MISSOURI

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# The use of the terms WATS or WATS-type throughout this tariff is primarily for ordering purposes and is not intended to restrict the use of the customer services when ordering Special Access and Switched Access in combination.

Issued: May 10, 2000

Effective: August 1, 2000

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**2. GENERAL REGULATIONS (Cont'd)

MAY 10 2000

2.7 FIA Services Provided By More Than One Telephone Company

- (A) When Switched Transport or Special Transport service is provided by more than one telephone company, the telephone companies involved will mutually agree upon one of the billing methods based upon the type of access service and the interconnection arrangements between the telephone companies.

The telephone company will notify the customer which billing method will be used. The customer will place the ASR as in 3.3.

## (1) Single Company Billing

The Single Company Billing method may be applied to FGA and BSA-A Switched Access Service.

The telephone company receiving the ASR from the customer, as specified in 3.3(A)(1), will arrange to provide the service, determine the applicable charges and bill the customer for the entire service in accordance with its Access tariff. The airline mileage is determined using the V&H method in the Exchange Carrier Association (ECA) Tariff FCC No. 4. (\*)

## (2) Meet Point Billing:

Meet Point Billing is required when an access service is provided by multiple Telephone Companies for FGB, FGC, FGD, BSA-B, BSA-C and BSA-D Switched Access services and Special Access. It is optional for FGA and BSA-A Switched Access Services.

There are two Meet Point Billing Options -- Single Bill and Multiple Bill. The Telephone Company must notify the customer of:

- the Meet Point Billing Option that will be used,
- the Telephone Company(s) that will render the bill(s),
- the Telephone Company(s) to whom payment(s) should be remitted, and
- the Telephone Company(s) that will provide the bill inquiry function.

The Telephone Company shall provide such notification at the time that an ASR is placed requesting access service. Additionally, the Telephone Company shall provide this notice in writing 30 days in advance of any change.

## (a) Single Bill Option

The Single Bill Option allows the customer to receive one bill from one telephone company or its billing agent for access services.

The Telephone Company(s) that renders the bill to the customer may provide to the customer, cross references to the other Telephone Company(s) service and/or the common circuit identifiers based upon industry standards as contained in the MECAB document. Should a billing dispute arise, the terms and conditions of the Billing Company(s) will apply.

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AUG 01 2000

00-182

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Public Service Commission

(\*) For intraLATA LEC to LEC traffic, percentages of ownership will be determined by the V&H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(a) Single Bill Option (Cont'd)

For usage rated access services the access minutes of use will be compiled by the Initial Billing Company and used by the Initial Billing Company and any subsequent Billing Company(s) for the development of access charges.

- The Initial Billing Company for FGB, FGC, FGD, BSA-B, BSA-C and BSA-D Switched Access services is normally the end user's serving office and for WATS usage the Initial Billing Company is normally the WATS serving office. When the Initial Billing Company is other than the normally designated Telephone Company, the Telephone Company will notify the customer.
- The Subsequent Billing Company(s) is any Telephone Company(s) in whose territory a segment of the Switched Transport Facility is provided and/or where the CDL is located.

The Single Bill option provides three billing alternative, Single Bill/Single Tariff, Single Bill/Pass-Through Billing and Single Bill/Multiple Tariff which are described following:

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(C)

Single Bill/Single Tariff

Each Telephone Company will receive an ASR or a copy of the ASR from the customer as specified in 3.3(A)(2) and arrange to provide the service. The Initial Billing Company will:

- determine the applicable charges and bill in accordance with its tariff;
- include all recurring and nonrecurring rates and charges of its tariff; and
- forward the bill to the customer.

The customer will remit the payment to the Initial Billing Company.

ISSUED: May 1, 2012

EFFECTIVE: July 3, 2012

Gary Kepley  
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Overland Park, Kansas

FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634

FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(a) Single Bill Option (Cont'd)

Single Bill/Pass-Through Billing

Each Telephone Company will receive an ASR or a copy of the ASR from the customer as specified in 3.3(A)(2) and arrange to provide the service.

Each Telephone Company will:

- determine its portion of Switched Transport and/or Special Transport as in 2.7(A)(2)(c);
- determine the applicable charges and bill in accordance with its tariff;
- include all recurring and nonrecurring rates and charges of its tariff; and
- forward the bill to the Initial Billing Company for meet point billed access services.

The Initial Billing Company will:

- apply usage data, when needed, to the bill and calculate the charges;
- identify each involved Telephone Company's charges separately on the bill;
- combine all the bills of the involved Telephone Companies of a meet point billed access service into one access bill;
- forward the bill to the customer; and
- advise the customer how to remit the payment, either directly to each Telephone Company involved in the provision of this meet point billed service; or, as a single payment made to the Initial Billing Company. If payments are to be sent directly to the Initial Billing Company, the Subsequent Billing Company(s) will provide the customer with written authorization for the payment arrangement.

(N)

ISSUED: May 1, 2012

Gary Kepley  
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EFFECTIVE: July 3, 2012

FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634

FACILITIES FOR INTRASTATE ACCESS

(N)

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(a) Single Bill Option (Cont'd)

Single Bill/Multiple Tariff

Each Telephone Company will receive an ASR or a copy of the ASR from the customer as specified in 3.3(A)(2) and arrange to provide the service. The Initial Billing Company will:

- determine each Telephone Company's portion of switched transport and/or special transport as set forth in 2.7(A)(2)(c);
- determine the applicable charges and bill in accordance with each Telephone Company's tariff;
- include all recurring and nonrecurring charges for each involved Telephone Company;
- identify each involved Telephone Company's charges separately on the bill;
- forward the bill to the customer; and
- advise the customer how to remit the payment, either directly to each Telephone Company involved in the provision of this meet point billed service; or, as a single payment made to the Initial Billing Company. If payments are to be sent directly to the Initial Billing Company, the Subsequent Billing Company(s) will provide the customer with written authorization for the payment arrangement.

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ISSUED: May 1, 2012

Gary Kepley  
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EFFECTIVE: July 3, 2012

FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634

**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(b) Multiple Bill Option

The Multiple Bill option allows all Telephone Companies providing service to bill the customer for their portion of a jointly provided access service. Each Telephone Company will:

- determine its portion of the Switched Transport and/or Special Transport as set forth in 2.7(A)(2)(c);
- determine the applicable charges and bill in accordance with its tariff;
- include all recurring and nonrecurring rates and charges of its tariff; and
- forward the bill to the customer.

The customer will remit the payments directly to each Telephone Company.

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ISSUED: May 1, 2017

Gary Kepley  
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EFFECTIVE: July 1, 2017

FILED  
Missouri Public  
Service Commission  
YI-2017-0230

**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges

(D) (N)

Each Telephone Company's portion of the Local Transport and Channel mileage will be developed as follows:

- (1) Determine the appropriate Local Transport or Channel Mileage by computing the number of airline miles between the Telephone Company premises (end office, access tandem or serving wire centers for Switched Access or serving wire centers for Special Access) using the V&H method set forth in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.
- (2) Determine the billing percentage (BP), as set forth in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4 \*, which represents the portion of the service provided by each Telephone Company.
- (3) When Terminating Tandem Switched Transport is provided through a CenturyLink Operating Company (CLOC) ILEC Access Tandem and the Terminating End Office is not owned by any CLOC ILEC or through an ILEC Access Tandem not owned by a CLOC ILEC and the Terminating End Office is owned by a CLOC ILEC, Terminating – Tandem 3rd Party rates are applicable; otherwise, Terminating – Tandem End Office rates are applicable. When originating Tandem Switched Transport is provided, Originating rates are applicable. For Feature Groups A, B, C and D Tandem Switched Transport:
  - multiply the number of originating and terminating access minutes of use routed over the facility times the number of airline miles, as set forth in (a) preceding, times the BP for each Telephone Company, as set forth in (b) preceding, times the Tandem Switched Facility rate;
  - multiply the Tandem Switched Termination rate times the number of originating and terminating access minutes routed over the facility

(\*) For intraLATA LEC to LEC traffic, percentages of ownership will be determined by the V&H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

(D) (N)

ISSUED: May 1, 2017

EFFECTIVE: July 1, 2017

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**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

(D) (N)

(4) For Feature Groups A, B, C and D Tandem Switched Transport: (Cont'd)

The Tandem Switched Termination rate is applied as set forth in 4.2.3 following. The Switched Access Nonrecurring Charges are applied as set forth in 4.2 following. (Note: The BP is not applied to the Switched Access Tandem Switched Termination rate or any Nonrecurring Charge.)

(5) For Feature Groups A, B, C, and D Direct Trunked Transport:

- multiply the number of airline miles, as set forth in (a) preceding, times the BP for each Telephone Company, as set forth in (b) preceding, times the Direct Trunked Facility rate.
- The Direct Trunked Termination rate is applied as set forth in 4.2.3 following. The Switched Access Nonrecurring Charges are applied as set forth in 4.2 following. (Note: The BP is not applied to either the Switched Access Direct Trunked Termination rate or any Nonrecurring Charge.)

(6) For Feature Groups A, B, C, and D:

- The Billing Percentage (BP) is not applicable to the Entrance Facility or Multiplexer.

(7) For Special Access, multiply the number of airline miles, as set forth in (a) preceding, times the BP for each Telephone Company, as set forth in (b) preceding, times the Channel Mileage Facility rate and add the Channel Mileage Termination rate.

The Special Access Channel Mileage Termination rate and nonrecurring charges are applied as set forth in 5.1.1 following. (Note: The BP is not applied to either the Channel Mileage Termination Recurring Rate or any Nonrecurring Charge.)

(D) (N)

ISSUED: May 1, 2017

EFFECTIVE: July 1, 2017

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### FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

- (8) For Directory Assistance Service, multiply the Direct Transport rate times the number of directory assistance calls times the BP for each Telephone Company, as set forth in (b) preceding.
- (9) When three or more Telephone Companies are involved in providing an Access Service, the intermediate Telephone Company(s) will determine the charges as set forth preceding.

Additionally, when a segment of the Tandem Switched Facility, Direct Trunked Facility or Channel Mileage Facility is measured to the intermediate office(s), the Tandem Switched Termination, Direct Trunked Termination or Channel Mileage Termination rates are also applied at the intermediate Telephone Company(s) office(s).

(10) Example 1: Originating Switched Access

(See Diagram 1)

- Feature Group D Switched Access is ordered to End Office.
- Originating End Office and Access Tandem are in the operating territory of a Telephone Company (TC-A).
- Customer Designated Premises is in the operating territory of a Telephone Company (TC-B).
- Assumptions:
  - o TC-A Direct Trunk Transport BP = 40%
  - o TC-B Direct Trunk Transport BP = 60%
  - o Direct Trunked Transport mileage = 26 mi.
  - o Tandem Switched Transport mileage = 23 mi.

ISSUED: May 1, 2017

EFFECTIVE: July 1, 2017

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(N)

(N)

**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

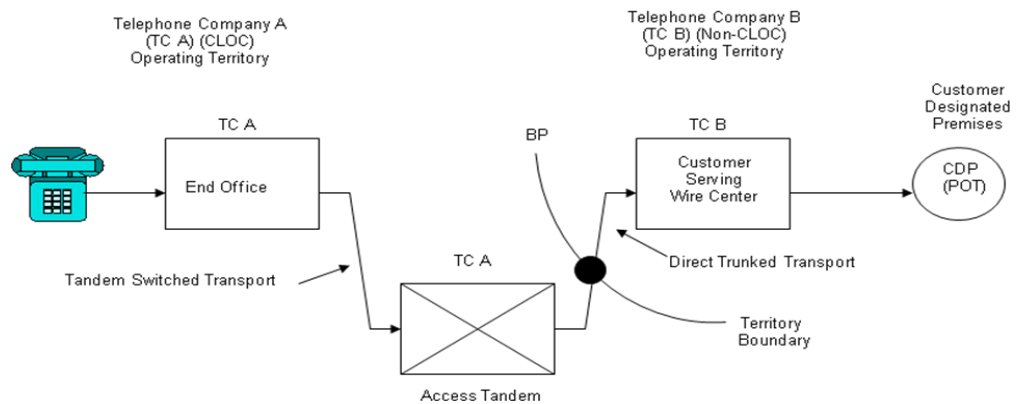
(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

(10) Example 1: Originating Switched Access (Cont'd)

Diagram 1



(N)

(N)

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EFFECTIVE: July 1, 2017

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**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

(10) Example 1: Originating Switched Access (Cont'd)

(See Diagram 1)

Telephone Company A charges are:

End Office charges = 9,000 min. x EO rate

Tandem Switched Facility charge  
= 9,000 min. x 23 mi. x TSF rate

Tandem Switched Termination charge  
= 2 terminations x 9,000 min. x TST rate

Tandem Switching charge  
= 9,000 min x TS rate

Direct Trunked Facility charge  
= 26 miles x DTF rate x 40%

Direct Trunked Termination charge  
= 1 termination x DTT rate

Shared Multiplexing charge  
= 9,000 min x SM rate

(N)

(N)

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**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

(11) Example 2: Terminating Switched Access – Tandem 3<sup>rd</sup> Party  
(See Diagram 2A and 2B)

- Feature Group D Switched Access is ordered to End Office.
- Terminating Access Tandem is owned by CLOC ILEC carrier (TC-A) and End Office is owned by a non-CLOC carrier (TC-B)
- Assumptions:
  - o TC-A Direct Trunk Transport BP = 40% (where applicable Diagram 2A)
  - o TC-B Direct Trunk Transport BP = 60% (where applicable Diagram 2A)
  - o Direct Trunk Transport mileage = 26 mi.
  - o TC-A Tandem Switched Transport BP = 20%
  - o TC-B Tandem Switched Transport BP = 80%
  - o Tandem Switched Transport mileage = 23 mi.

(N)

(N)

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**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

(11) Example 2: Terminating Switched Access – Tandem 3<sup>rd</sup> Party (Cont'd) (See Diagram 2A and 2B)

Diagram 2A

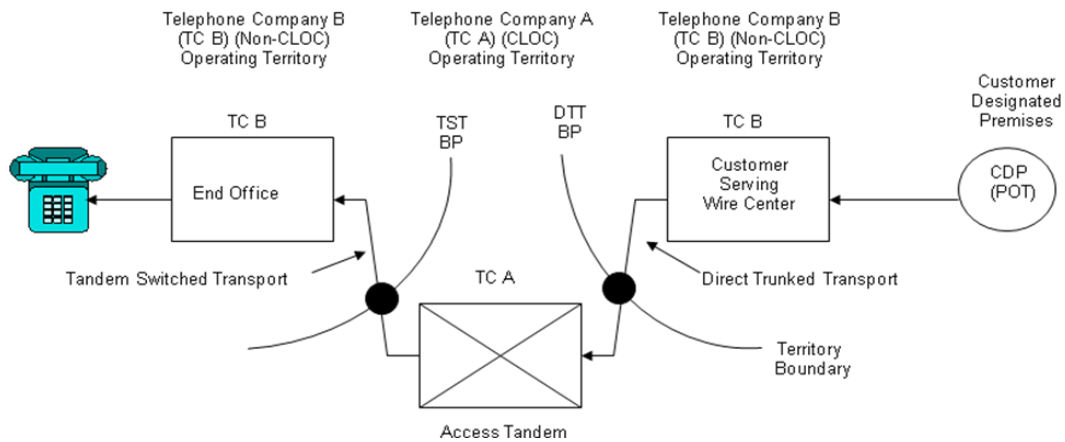
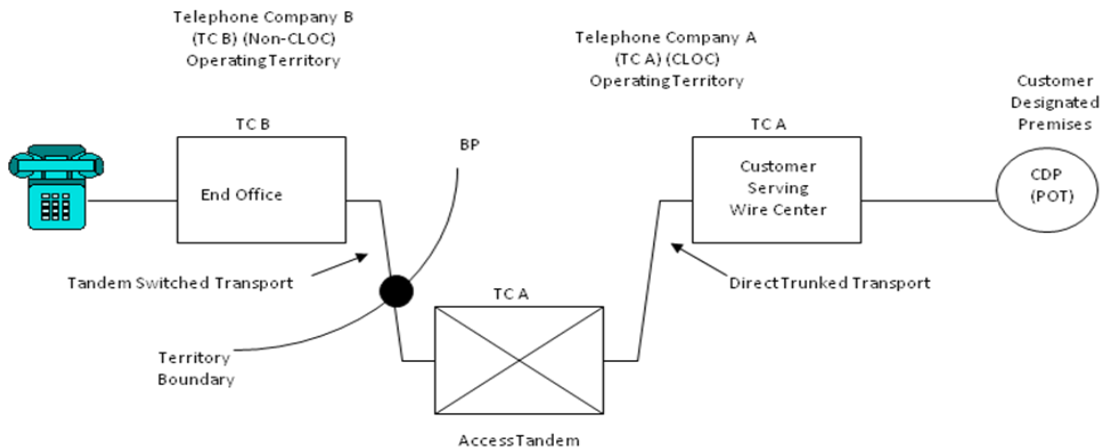


Diagram 2B



BP = Billing Percentage

ISSUED: May 1, 2017

EFFECTIVE: July 1, 2017

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(N)

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**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

(11) Example 2: Terminating Switched Access – Tandem 3<sup>rd</sup> Party  
(Cont'd)

(See Diagram 2A and 2B)

- Example 2 Telephone Company A charges are:

Tandem Switched Facility – 3<sup>rd</sup> Party charge  
= 9,000 min. x 23 mi. x TSF-3<sup>rd</sup> Party rate x 20%

Tandem Switched Termination – 3<sup>rd</sup> Party charge  
= 1 termination x 9,000 min. x TST-3<sup>rd</sup> Party rate

Tandem Switching – 3<sup>rd</sup> Party charge  
= 9,000 min. x TS-3<sup>rd</sup> Party rate

Direct Trunked Facility charge  
2A = 26 miles x DTF rate x 40%  
2B = 26 miles x DTF rate

Direct Trunked Termination charge  
2A = 1 termination x DTT rate  
2B = 2 termination x DTT rate

Shared Multiplexing – 3<sup>rd</sup> Party charge  
= 9,000 min x SM-3<sup>rd</sup> Party rate

(N)

(N)

ISSUED: May 1, 2017

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EFFECTIVE: July 1, 2017

**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

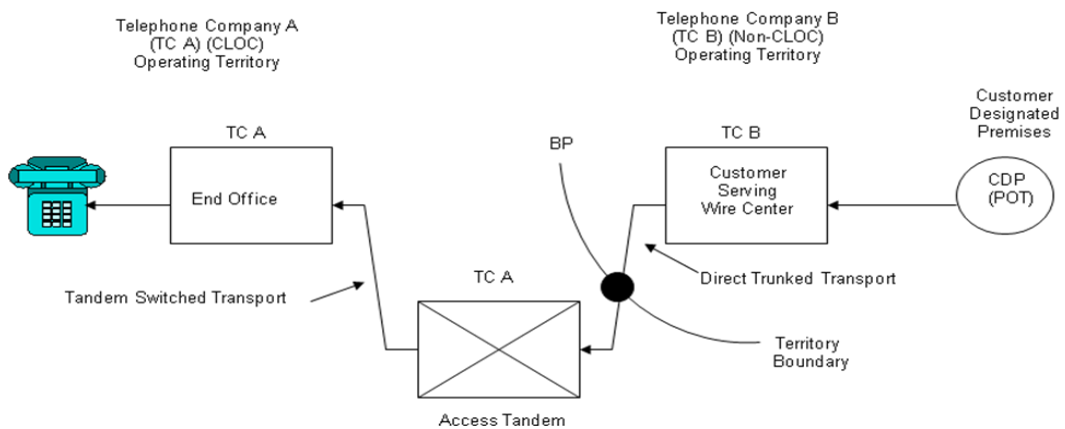
(2) Meet Point Billing (Cont'd)

(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

(12) Example 3: Terminating Switched Access – Tandem End Office  
(See Diagram 3)

- Feature Group D Switched Access is ordered to End Office.
- Terminating End Office and Access Tandem are both owned by a CLOC ILEC (TC-A)
- Assumptions:
  - o TC-A Direct Trunk Transport BP = 40%
  - o TC-B Direct Trunk Transport BP = 60%
  - o Direct Trunk Transport mileage = 26 mi.
  - o Tandem Switched Transport mileage = 23 mi.

Diagram 3



ISSUED: May 1, 2017

EFFECTIVE: July 1, 2017

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**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

(12) Example 3: Terminating Switched Access – Tandem End Office (Cont'd)

(See Diagram 3)

- Telephone Company A charges are:

End Office Charges = 9,000 min. x EO rate

Tandem Switched Facility – End Office charge  
= 9,000 min. x 23 mi. x TSF-End Office rate

Tandem Switched Termination – End Office charge  
= 2 terminations x 9,000 min. x TST-End Office rate

Tandem Switching – End Office charge  
= 9,000 min. x TS-End Office rate

Direct Trunked Facility Charge  
= 26 miles x DTF rate x 40%

Direct Trunked Termination charge  
= 1 termination x DTT rate

Shared Multiplexing – End Office charge  
= 9,000 min x SM-End Office rate

(N)

(N)

ISSUED: May 1, 2017

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EFFECTIVE: July 1, 2017

**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

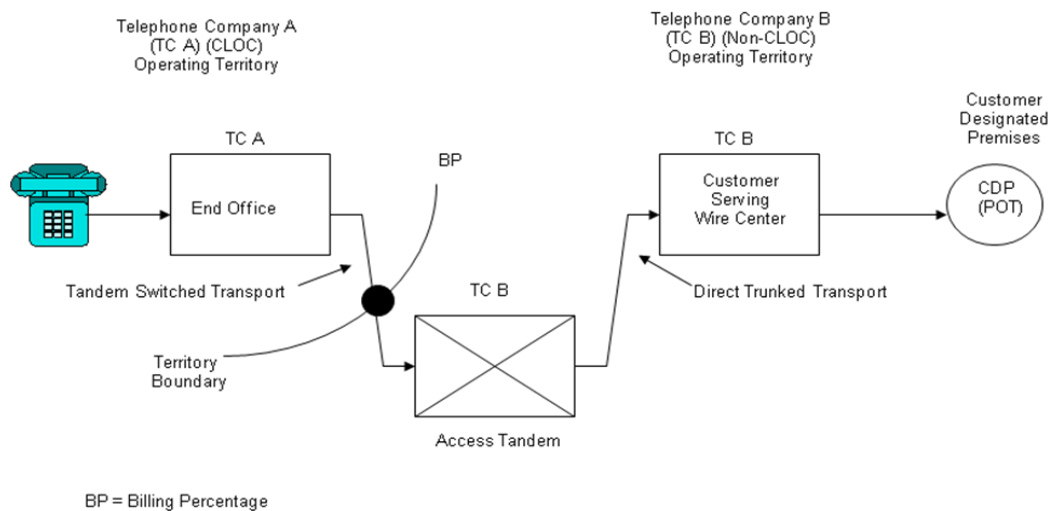
(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

(13) Example 4: Originating Switched Access – CLOC owns only the End Office

(See Diagram 4)

- Feature Group D Switched Access is ordered to End Office
- End Office is owned by CLOC (TC-A)
- Access Tandem is owned by a non-CLOC ILEC (TC-B)
- Assumptions:
  - o Direct Trunk Transport mileage = 26 mi.
  - o TC-A Tandem Switched Transport BP = 80%
  - o TC-B Tandem Switched Transport BP = 20%
  - o Tandem Switched Transport mileage = 23 mi.

Diagram 4



ISSUED: May 1, 2017

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EFFECTIVE: July 1, 2017

(N)

**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

(13) Example 4: Originating Switched Access – CLOC owns only the End Office (Cont'd)

(See Diagram 4)

- Telephone Company A charges are:

End Office charges = 9,000 min. x EO rate

Tandem Switched Facility charge  
= 9,000 min. x 23 mi. x TSF rate x 80%

Tandem Switched Termination charge  
= 1 termination x 9,000 min. x TST rate

(N)

(N)

ISSUED: May 1, 2017

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EFFECTIVE: July 1, 2017

FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

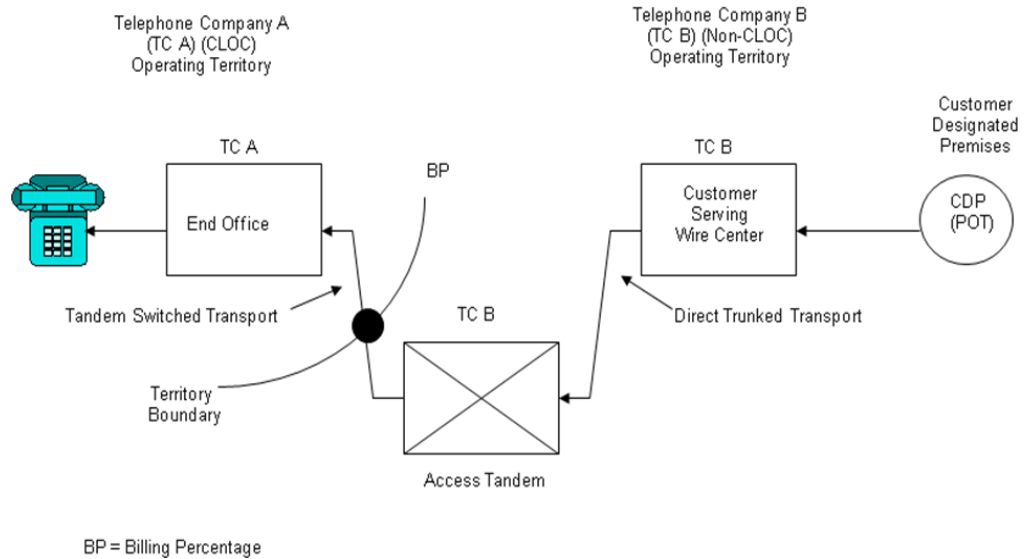
(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

(14) Example 5: Terminating Switched Access – Tandem 3<sup>rd</sup> Party

(See Diagram 5)

- Feature Group D Switched Access is ordered to End Office
- End Office is owned by Telephone Company (CLOC) (TC-A)
- Access Tandem is owned by a non-CLOC ILEC (TC-B)

Diagram 5



(N)

(N)

ISSUED: May 1, 2017

EFFECTIVE: July 1, 2017

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**FACILITIES FOR INTRASTATE ACCESS**

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Determination of Meet Point Billed Local Transport, Direct Transport and Channel Mileage Charges (Cont'd)

(14) Example 5: Terminating Switched Access – Tandem 3<sup>rd</sup> Party  
(Cont'd)

(See Diagram 5)

- Telephone Company A charges are:

End Office charges = 9,000 min. x EO rate

Tandem Switched Facility 3<sup>rd</sup> Party charge  
= 9,000 min. x 23 mi. x TSF-3<sup>rd</sup> Party rate x 80%

Tandem Switched Termination 3<sup>rd</sup> Party charge  
= 1 termination x 9,000 min. x TST-3<sup>rd</sup> Party rate

(N)

(N)

ISSUED: May 1, 2017

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EFFECTIVE: July 1, 2017

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FACILITIES FOR INTRASTATE ACCESS

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3.5	64	<u>Switched Access Minimum Capacity Requirements</u>

ISSUED: May 1, 2012

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EFFECTIVE: July 3, 2012

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TT-2012-0317; YI-2012-0634

FACILITIES FOR INTRASTATE ACCESS

3. ORDERING OPTIONS FOR FIA

3.1 General

This section sets forth the regulations and order related charges for FIA Orders to provide the customer with FIA. These charges are in addition to other applicable charges in other sections of this tariff.

3.1.1 Ordering Conditions

(A) A customer may order any amount of FIA (Switched or Special) of the same interface type, same Feature Group, same BSA or same Special Access between the same locations for installation on the same date on a single FIA ASR. A customer may order the changed use of Switched Access and Special Access over the same high capacity facility however, separate FIA ASRs are required. The methodology for shared use is set forth in 5.6.7.

- ASRs for FGA or BSA-A must be in number of lines required.
- ASRs for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service may be in trunks or Busy Hour Minutes of Capacity (BHMC). For Tandem-Switched Transport, the customer has the option of specifying the number of trunks or Busy Hour Minutes of Capacity (BHMC).

(N)  
(N)

In addition, the ASR must indicate whether the Switched Transport ordered is for Entrance Facilities, Direct-Trunked Transport and/or Tandem-Switched Transport. For Direct-Trunked Transport, and Entrance Facilities the ASR must specify channel type, channel interface, and any options desired. In addition, ASRs for Direct-Trunked Transport must specify Facility Hubs involved. Additional ASR requirements for Switched Access Service are described in 4.2.5(V) and 4.3.2.

(N)  
|  
(N)

(B) The customer shall supply all details necessary to complete an order. The details may include the following: requested service date, customer name, customer designated location, end office, Entrance Facility, type of Switched Access or Special Access, Supplemental Features, End Office Services and Signaling Interface, and originating and terminating capacity required. The customer may also be required to provide end user name and location, end user contact person, and end user premises access information to complete an order for Special Access.

(C)  
(C)

When a customer orders mixed interstate and intrastate Switched Access, the customer is required to provide an estimate of the percent of traffic which will be interstate. If the customer fails to provide this estimate, the order will not be processed until such time as the customer provides this estimate.

When a customer orders mixed-use special access service, the customer must indicate the jurisdiction based on the criteria in Section 5.1.6.

(C) When the Alternate Traffic Routing Optional Arrangement is ordered, more than one CDL will be supplied and the number of trunks or BHMC for FGB, FGC and FGD to each CDL shall be specified.

When the Alternate Traffic Routing Basic Serving Element (BSE) is ordered, more than one CDL will be supplied and the number of trunks or BHMC for BSA-B, BSA-C, and BSA-D to each CDL shall be specified.

(D) The customer shall order SAC Access Service, as described in 4.2.1(E), in the same manner as ordering FGD with the following exceptions. For 500 SAC Access Service or 900 SAC Access Service, customers may request direct connections to only those offices designated by the Telephone Company as 500 SAC Access Service or 900 SAC Access Service screening offices. All 500 NXX or 900 NXX code assignments and administration shall be in accordance with the North American Numbering Plan (NANP). 800 SAC Access Service is offered only in conjunction with the 800 Customer Identification Function as described in 4.2.11 and in conjunction with 800 Data Base Query Service as described in 4.2.19. Customers may request 800 SAC access connections to suitably equipped end offices and access tandem offices. A list of those offices will be provided upon request. All 800 number assignments shall be administered by the Number Administration Service Center (NASC) through the Service Management System (SMS).

500 NXX Codes or 900 NXX Codes to be activated and/or deactivated in conjunction with 500 SAC Access Service or 900 SAC Access Service, must be provided to the Telephone Company at least 30 business days prior to the effective date of the change.

ISSUED: May 1, 2012

EFFECTIVE: July 3, 2012

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TT-2012-0317; YI-2012-0634

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3. ORDERING OPTIONS FOR FIA (Cont'd)

3.1 General (Cont'd)

3.1.1 Ordering Conditions (Cont'd)

(D) (Cont'd)

An ASR is required by the Telephone Company for 500 NXX codes to be activated or deactivated on an access facility level basis. The Subsequent Ordering Charge - Switched Access, as described in 4.5.2(A), will apply. In addition to the Switched Access Ordering Charge, the 500 NXX Translation Charge, as described in Section 4.5.2(N) (8), shall apply to each 500 NXX code activated or deactivated in a Telephone Company switch capable of performing the customer identification function for 500 SAC Access Service. Customer assigned codes for which an ASR has not been received will be blocked.

When SAC Access Service is not terminated over a Special Access Line as in 5.1.1(C) (2), the customer must notify the Telephone Company of all local exchange telephone numbers to which SAC Access Service traffic is designated so that the Telephone Company can balance the end office in accordance with standard Telephone Company engineering practices for heavy volume lines.

(E) To determine if adequate central office facilities (i.e., trunk circuits) for FGD or BSA-D will be available on the conversion date to equal access and to be eligible for the allocation in the following paragraph all customers (including those customers who convert existing FGA, FGB, FGC, BSA-A, BSA-B and BSA-C to FGD or BSA-D) must order FGD or BSA-D 120 days prior to an end office conversion to equal access.

When trunk circuits are not available to meet the demand an allocation of available trunk circuits will be required. The allocation of available facilities is a three step process as described below:

In this example assume nine ICs have ordered BHMCs which necessitate 1,000 FGD trunks where only 800 FGD trunk circuits are available at the conversion date.

Step 1: Provide an initial flat 25% distribution of available trunk circuits to each requesting IC except for incremental requests over existing levels of FGC. (See table in Step 3.)

- 25% x 800 (available facilities) = 200
- 200 = 25
(9-1)

Step 2: Assign all remaining trunk circuits proportionately, working from bottom up until ICs, as a result of the proration, are assigned less facilities than desired. First determine facilities available for apportionment.

- 800 - 175 = 625 (eligible ICs are A, B, C, D, E, F)
- (Desired Facilities )
(Total Desired Facilities ) x Remaining Facilities
(of Remaining Facilities )
- F = 70 / (1000 - 50) x 625 = 46 (assign only 45) (\*\*)
- E = 80 / (1000 - 120) x (625 - 45) = 53

(E receives less facilities than originally ordered, i.e., 53 + 25 = 78)

(\*\*) Will not assign more than desired.



FACILITIES FOR INTRASTATE ACCESS

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.1 General (Cont'd)

3.1.1 Ordering Conditions (Cont'd)

(E) (Cont'd)

Step 3: When an IC receives less facilities than desired, the remainder of ICs are allocated according to the following allocation factor:

$$\frac{\text{Remaining Facilities}}{\text{Total Desired Facilities of Remaining Eligible Ics of Access}} = \frac{625 - 98}{1000 - 200} = \frac{527}{800} = .659$$

- D = 100 x .659 = 66
- C = 200 x .659 = 132
- B = 200 x .659 = 132
- A = 300 x .659 = 197

<u>ICs</u>	<u>Demand Desired (In Trunks)</u>	<u>Resources Available</u>	<u>Step 1 Flat 25% Distribution</u>	<u>Step 2</u>	<u>Step 3</u>	<u>Total Assigned Trunk Circuits</u>
A	300	-	25	-	197	222
B	200	-	25	-	132	157
C(*)	200	-	-0-	-	132	132
D	100	-	25	-	66	91
E	80	-	25	53	-	78
F	70	-	25	45(**)	-	70
G	25	-	25	-	-	25
H	15	-	15(**)	-	-	15
I	10	-	10(**)	-	-	10
Total	1,000	800	175	98	527	800

(\*) Request for additional trunk circuits by an IC with existing FGC or BSA-C

(\*\*) Will not assign more than desired

(F) The provision of Special Access requires the selection of a Terminating Option as defined in 5.3. The provision of Switched Access requires an Entrance Facility as defined in 4.2.3(B). When a customer orders a DS3 SAL or DS3 Switched Entrance Facility, he may specify, on the ASR, if the interface is to be electrical or optical. In the event the customer does not specify an interface preference for DS3, the Telephone Company will provide an electrical interface.

When a customer orders a DS3C SAL, the Telephone Company will provide an optical interface unless service is provided via microwave, in which case an electro-magnetic interface is provided, or unless the customer specifies on the ASR a request for an electrical interface.

(C)

(C)

ISSUED: May 1, 2012

EFFECTIVE: July 3, 2012

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

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**Missouri Public**  
**Service Commission**  
**TT-2012-0317; YI-2012-0634**

FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**

3. ORDERING OPTIONS FOR FIA (Cont'd)

MAY 10 2000

3.1 General (Cont'd)

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3.1.1 Ordering Conditions (Cont'd)

- (G) (Reserved for Future Use)
- (H) (Reserved for Future Use)
- (I) (Reserved for Future Use)
- (J) (Reserved for Future Use)
- (K) (Reserved for Future Use)

**FILED**

AUG 01 2000  
00 18 2

**MISSOURI  
Public Service Commission**

FACILITIES FOR INTRASTATE ACCESS

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.1 General (Cont'd)

3.1.1 Ordering Conditions (Cont'd)

- (L) When ordering Signaling System 7 (SS7) Out of Band Signaling as described in 4.2.5(A)(A), the customer shall provide an ASR specifying a reference to existing CCS7 Access service facilities or reference to a related ASR for CCS7 Access service. The customer's ASR shall also include STP point codes, STP location identifier codes, FGD or BSA-D trunk or 800/888/877 Service Access trunk circuit identification codes, and switch type. When ordering SS7 Out of Band Signaling for FGD or BSA-D, the customer shall specify that all traffic carried by that FGD or BSA-D will be equipped with out of band signaling. The customer shall work cooperatively with the Telephone Company to determine the number of CCS7 Access service connections required to handle the customer's SS7 Out of Band Signaling traffic. (C)
- (M) (Reserved for Future Use)
- (N) When a customer orders Tandem Switch Signaling (TSS), as described in 4.2.5(A)(E) and 4.2.21, to be established with the installation of a new FGD or BSA-D trunk group, 500 SAC Access Service, or 900 SAC Access Service trunk group, the Switched Access Ordering charge, per ASR and the appropriate Service Installation charge will apply for the installation of the FGD or BSA-D or 900 SAC Access services. TSS can only be provided from equal access end offices. (C)  
  
When a customer orders Tandem Switch Signaling to be added to an existing FGD or BSA-D trunk group, 500 SAC Access Service or 900 SAC Access Service trunk group or to a pending ASR, only the Switched Access Ordering charge and the Design Change charge will apply for the addition of the optional arrangement. (N)
- (O) When ordering FGD or BSA-D Switched Access with 950-XXXX Access as described in 4.2.5(T), the customer shall provide an ASR specifying which 950-XXXX access code(s) are to be routed and the FGD or BSA-D Switched Access Service over which the resulting originating 950-XXXX access code calls are to be routed.
- (P) When ordering Carrier Identification Parameter (CIP) as described in 4.2.5(A)(G), the customer shall provide an ASR specifying a reference to existing FGD or BSA-D switched access services or reference to a related ASR for FGD or BSA-D switched access services. The customer' ASR shall specify the information necessary to identify the trunk group to which the CIP is to be added. (N)

3.1.2 Provision of Other Services

- (A) At the option of a customer, Recording and Processing, Additional Labor, Telecommunications Service Priority (TSP), Testing and Special Routing services may be ordered with an ASR at the same time the ASR is accepted by the Telephone Company. Such requests will be considered to be supplemental to the ASR. The rates and charges for these services as set forth in other sections of this tariff will apply in addition to the ordering charges set forth in this section and the rates and charges for the Switched Access or Special Access with which they are associated.
- (B) The items listed in (A) preceding may subsequently be added to the ASR at any time, up to and including the service date established by the ASR. When ordered subsequently, charges for ASR modifications as in 3.2.2 following will apply.

ISSUED: May 1, 2012

EFFECTIVE: July 3, 2012

Gary Kepley  
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FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634

FACILITIES FOR INTRASTATE ACCESS

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.1 General (Cont'd)

3.1.3 Special Construction

The regulations, rates and charges for Special Construction are in Section 10 in addition to the regulations, rates and charges specified in this section.

3.1.4 Tandem Switch Signaling

The regulations, rates and charges for Tandem Switch Signaling in Section 4 and are in addition to the regulations, rates and charges specified in this section.

(N)  
|  
(N)

3.2 Access Service Request

An ASR is used by the Telephone Company to receive orders for the following types of FIA requested by the customer:

- Switched Access as in Section 4
- Special Access as in Section 5, and
- Other Services as in other sections of the tariff.

3.2.1 Service Date Intervals

The time required to provision service is known as the service date interval. Such intervals will be established in accordance with published service date interval guidelines which are available to customers upon request. The service date interval guidelines will apply to ASRs and will specify the quantities of FIA that can be provided on the same service date. The customer may request a service date other than that established pursuant to the service date interval guidelines, and the Telephone Company, where possible, will establish the service date in accordance with such request, subject, however, to other applicable provisions of this tariff.

ISSUED: May 1, 2012

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

EFFECTIVE: July 3, 2012

FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634

FACILITIES FOR INTRASTATE ACCESS

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.2 ASR Modifications

The customer may request a modification of its ASR prior to the service date. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an ASR within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer. If the customer still desires the ASR modification, the Telephone Company will schedule a new service date. All charges for ASR modifications will apply on a per occurrence basis. Where a new ASR may be required the appropriate charges in other sections of this tariff will be applicable.

Any increase in the number of Switched Access lines for FGA or BSA-A; trunks or BHMCs for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service and Special Access circuits will require the issuance of a new ASR for the incremental capacity.

(A) Service Date Change Charge

ASR service dates may be changed, however a Service Date Change Charge will apply for each service date change after the scheduled issue date of the original ASR.

For Switched Access, the new service date may not exceed the original service date by more than 60 calendar days. If the requested service date is more than 60 calendar days after the original service date, the ASR will be canceled by the Telephone Company and cancellation charges in 3.2.6 will apply. The ASR will be reissued with the new service date. (C)  
(C)

For Special Access, except as specified below, the new service date may not exceed the original service date by more than 60 calendar days. If the requested service date is more than 60 calendar days after the original service date, the ASR will be canceled by the Telephone Company. Cancellation charges in 3.2.6 will apply and the ASR will be reissued with the new service date unless the customer indicates that billing for the service is to commence as in 3.2.6(A). (C)  
(C)

With the agreement of the Telephone Company, a new service date may be established that is prior to the original service date and the provisions in (E) will apply in addition to the Service Date Change Charge. The applicable charge is:

Rate  
\$64.95

ISSUED: March 16, 2017

EFFECTIVE: April 18, 2017

Gary Kepley  
Director - Regulatory Operations  
New Century, Kansas

FILED  
Missouri Public  
Service Commission  
JI-2017-0178

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**3. ORDERING OPTIONS FOR FIA (Cont'd)

MAY 10 2000

3.2 Access Service Request (Cont'd)3.2.2 ASR Modifications (Cont'd)**MISSOURI  
Public Service Commission**(B) Partial Cancellation Charge

Any decrease in the number of Switched Access lines for FGA or BSA-A; trunks or BHMCs for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service and Special Access circuits will be treated as a partial cancellation.

A customer may cancel any number of Special Access circuits. For Switched Access Services, the capacity canceled may be subject to the Minimum Capacity Requirements in 3.5.

When a customer partially cancels the service ordered on an ASR, charges will apply as follows:

- (1) Except as specified in 3.2.6(D), when an ASR for Switched Access Service is partially canceled on or after the Scheduled Issue Date, the associated Initial Ordering Charge - Switched Access will apply, plus the Subsequent Ordering Charge - Switched Access in 4.5.2(A)(2) will also apply for the reissuance of a supplement order.
- (2) When an ASR for Special Access Service is partially canceled on or after the Scheduled Issue Date and before the Plant Test Date, the associated Initial Ordering Charge - Special Access will apply, plus the Subsequent Ordering Charge - Special Access in 5.6.1(D) will also apply for the reissuance of a supplement order.

When an ASR for Special Access Service is partially canceled on or after the Plant Test Date, the Initial and Subsequent Ordering Charges will apply, plus the Installation Charge(s) associated with the items canceled.

**FILED**AUG 01 2000  
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Public Service Commission**

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**3. ORDERING OPTIONS FOR FIA (Cont'd)

MAY 10 2000

3.2 Access Service Request (Cont'd)3.2.2 ASR Modifications (Cont'd)**MISSOURI  
Public Service Commission**(C) Discontinuance of Service

A customer may discontinue FIA that is in service at any time. The request for discontinuance of service must be received by the Telephone Company at least two business days prior to the date on which service is to be disconnected and billing discontinued. The request may be verbal or written, however, a verbal request must be followed, within ten days, by written confirmation. The written confirmation serves as a confirmation of the verbal request rather than a request itself. The customer must notify the Telephone Company of a delay or cancellation in the discontinuance request prior to the disconnect date. The Telephone Company, where possible, will establish the disconnect date in accordance with such request. Billing and service will then continue until the new requested disconnect date. If a service is discontinued prior to the expiration of the Minimum Period in 3.2.4, the Minimum Period Charges in 3.2.5, may apply. For Switched Access Service, the capacity discontinued may be subject to the Minimum Capacity Requirements in 3.5.

(D) Design Change Charge

The customer may request a design change to a pending ASR for both Switched and Special Access or request a change to an existing Switched Access Service. A design change is a change which requires engineering review. The regulations, rates and charges for a design change are in Section 4.5.2(A)(2)(b) for Switched Access Service, and Section 5.6.1(D)(3) for Special Access Service, and are in addition to the regulations, rates and charges specified in this section.

(E) Requests for Expedition

A customer may request an expedited service date. When this situation occurs, charges will be applicable as in 6.2. The Telephone Company will provide an estimate of the charges to the customer. The customer must accept the price estimate prior to the Telephone Company's performing the expedite. The actual charges billed to the customer will be no more than 10 percent over the estimate.

3.2.3 Selection of Facilities for Access Service

## (A) (Reserved for Future Use)

## (B) Requests for a specific circuit is not an option of the customer except as provided for under Special Facilities Routing of FIA in Section 9.

**FILED**

AUG 01 2000

00-182

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Public Service Commission**

FACILITIES FOR INTRASTATE ACCESS

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.4 Minimum Period

- (A) The Minimum Period for which Special Access is provided and for which charges are applicable, is one month, except as in B through G.
- (B) The Minimum Period for Miscellaneous Services is in Section 6.
- (C) The Minimum Period for Ancillary Services is in Section 8.
- (D) The Minimum Period for temporary videoband and program audio Special Access is the minimum period for which rates are established in Section 5.7.
- (E) The Minimum Period for FIA provided under Special Construction provisions and for which charges are applicable in Section 10.
- (F) The Minimum Period for FGA, FGB, FGC, BSA-A, BSA-B, BSA-C and SAC Access Service, and also for FGD or BSA-D ordered after the conversion of an end office to equal access, is three months. For the application of the minimum period charges for Switched Access Service FGB, FGC, BSA-B, BSA-C, SAC Access Service, and for FGD or BSA-D ordered after the conversion of an end office to Equal Access, it is assumed the last identical capacity placed in service is the first one discontinued.
- (G) For FGD or BSA-D ordered prior to the conversion of an end office to equal access and (1) canceled prior to the conversion date, a Cancellation Charge in 3.2.6 applies or (2) canceled on or after the equal access conversion date, a Discontinuance Charge in 3.2.7 applies.

3.2.5 Minimum Period Charges

When FIA are discontinued prior to the expiration of the Minimum Period, charges are applicable for the remaining month(s) and/or fraction thereof of the Minimum Period.

The Minimum Period Charge will be determined as follows:

- (A) For Switched Access usage sensitive rate elements, the charge for the minimum period, or fraction thereof, is equal to the applicable rates for the actual or assumed usage for the minimum period or such fraction thereof. For Switched Access flat-rated monthly elements (i.e., Entrance Facility, Direct-Trunked Transport and Multiplexing rates), the charge for the minimum period or fraction thereof is the applicable monthly rates for the service.
- (B) For Special Access, the charge is the applicable monthly rate for the service(s) as in 5.7.
- (C) (Reserved for Future Use)

(C)  
(N)  
|  
(N)

ISSUED: May 1, 2012

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

EFFECTIVE: July 3, 2012

FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634



**FACILITIES FOR INTRASTATE ACCESS**

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.5 Minimum Period Charges (Cont'd)

- (D) For FGD or BSA-D ordered prior to conversion of an end office to equal access, but canceled after the equal access conversion date, a Discontinuance Charge in 3.2.7 applies.
- (E) For part-time or occasional program audio Special Access services, the rates in 5.6.1 and 5.7 will apply.
- (F) For FGA, FGB, BSA-A and BSA-B Type service where measurement equipment is not available and the Assumed Minutes of Use Monthly Surrogate is used, the charge will be the prorated amount on a daily basis, calculated at 1/30 of the applicable rate shown in Section 4.6.7, for each day of the minimum period the facility was in service.

3.2.6 Cancellation of an ASR

- (A) A customer may cancel ordered FIA on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the ASR is to be canceled. The verbal notice must be followed by written confirmation within 10 days.

If a Customer is unable to accept Access Service within 30 calendar days of the latest agreed upon service date, the customer has the choice of the following options:

- The Access Order will be canceled and charges set forth, following, will apply if the service has not been fully provisioned; or
- The Access Order will be completed and billing for the service will commence if the service has been fully provisioned or the customer has indicated that billing for the service should begin.

(C)

(C)

(D)

(D)

ISSUED: March 16, 2017

Gary Kepley  
Director - Regulatory Operations  
New Century, Kansas

EFFECTIVE: April 18, 2017

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**3. ORDERING OPTIONS FOR FIA (Cont'd)

MAY 10 2000

3.2 Access Service Request (Cont'd)3.2.6 Cancellation of an ASR (Cont'd)

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Public Service Commission

- (B) ASR costs are considered to have started when the Telephone Company incurs any cost in connection therewith or in preparation thereof which would not otherwise have been incurred. These costs include but are not limited to preliminary engineering, orders to suppliers, and other similar items of cost. For purposes of determining cancellation charges, the costs are considered to have started the day the Telephone Company is scheduled to issue the confirmed ASR to all associated work groups. For all ASRs this is known as the Scheduled Issue Date. The customer will be notified of the applicable critical date interval on the Firm Order Confirmation (FOC) Date. The cancellation charges will not apply until the customer is notified of such charges.
- (C) When a customer cancels an ASR for the installation of new service, or an ASR to modify existing service, charges will apply as follows:
- (1) Except as specified in (D), when an ASR for Switched Access Service is canceled on or after the Scheduled Issue Date, all nonrecurring charges associated with the Switched Access ASR, will apply as in 4.5.2(A)(2)(a).
  - (2) When an ASR for Special Access Service is canceled on or after the Scheduled Issue Date and before the Plant Test Date, the appropriate Service Ordering Charge will apply as in 5.6.1(D)(1).

When an ASR for Special Access Service is canceled on or after the Plant Test Date, the Initial or Subsequent Ordering Charge and Service Installation Charges will apply as in 5.6.1(D), plus any Installation Charges associated with supplemental features, multiplexing arrangements, DS1, DS3 or temporary video services.

**FILED**AUG 01 2000  
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FACILITIES FOR INTRASTATE ACCESS

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3. ORDERING OPTIONS FOR FIA (Cont'd)

MAY 10 2000

3.2 Access Service Request (Cont'd)

3.2.6 Cancellation of an ASR (Cont'd)

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(C) (Cont'd)

- (3) When a customer chooses to commence billing rather than cancel an ASR for Special Access as in (A), the customer must submit an ASR prior to calendar day 31 from the original service date and request a service date change. The new service date may not exceed the original service date by more than 120 calendar days. Charges in 3.2.2(A) will only apply for each subsequent service date change request after calendar day 31, not to exceed 120 calendar days.

When a customer elects to commence billing, monthly recurring charges will begin accruing at calendar day 31 after the original service date. Upon completion of the ASR, the initial bill for Special Access Service will include these accrued charges and any additional nonrecurring charges in addition to billable charges specified in 2.4.1(C).

If the ASR is not completed within 121 calendar days of the original service date, the ASR will be canceled. Cancellation charges in (C)(2) will apply. In addition, the customer will be billed the accrued monthly recurring charges specified above plus any additional nonrecurring charges applicable for the Special Access Service. These charges will be computed commencing at day 31 after the original service date up to and including the cancellation date, not to exceed 90 days of service (120 days from the original service date). The Telephone Company will not reissue an ASR with a new service date beyond 121 calendar days. It will be the customer's responsibility to submit a new ASR for Special Access Service.

**FILED**

AUG 01 2000  
00-182

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FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**

3. ORDERING OPTIONS FOR FIA (Cont'd)

MAY 10 2000

3.2 Access Service Request (Cont'd)

3.2.6 Cancellation of an ASR (Cont'd)

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(D) For cancellation of an ASR for Switched Access FGD or BSA-D before an end office converts to equal access, cancellation charges will apply if the Telephone Company is notified of the cancellation within a period of 12 months prior to the scheduled service date. Cancellation charges apply to each trunk canceled.

When, due to a shortage of FGD or BSA-D facilities an allocation of FGD or BSA-D facilities is made, cancellation charges apply only to circuits allocated to the customer.

Cancellation charges will accrue to the maximum in equal monthly increments (i.e., maximum cancellation charge divided by 12) beginning twelve months before an end office converts to equal access. Maximum cancellation charges are listed in Section 3.2.8. The charge applied will be the accrued charge in the month during which notice of cancellation is received by the Telephone Company.

Example:

<u>Month During Which Notice Is Received Before Conversion Date</u>	<u>Charge (Per Trunk Canceled)</u>
12	\$ 68.77
11	137.54
10	206.30
9	275.07
8	343.84
7	412.61
6	481.37
5	550.14
4	618.91
3	687.68
2	756.44
1	825.21

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**3. ORDERING OPTIONS FOR FIA (Cont'd)

MAY 10 2000

3.2 Access Service Request (Cont'd)3.2.7 Discontinuance of Switched Access FGD or BSA-D**MISSOURI  
Public Service Commission**

A Discontinuance Charge applies if a customer discontinues FGD or BSA-D service provided at the conversion of an end office to equal access. The Discontinuance Charge applies to each FGD or BSA-D trunk discontinued with one exception. When the FGD or BSA-D service is a result of an upgrade from FGB, FGC, BSA-B, BSA-C or SAC Access Service trunks in service prior to conversion to equal access, the Discontinuance Charge will only apply to the number of FGD or BSA-D trunks being discontinued that are in excess of the number of FGB, FGC, BSA-B, BSA-C or SAC Access Service trunks in service prior to conversion to equal access. However, the customer may still be liable for any Minimum Period charges in 3.2.5 that may be applicable to the FGB, FGC, BSA-B, BSA-C or SAC Access Service trunks that were in service prior to conversion. For purposes of calculating the Discontinuance Charge the Maximum Discontinuance Charge will be amortized in equal monthly increments (i.e., Maximum Discontinuance Charge divided by 12) over a 12 month period beginning on the date the end office converts to equal access. The Maximum Discontinuance Charge is equal to the FGD or BSA-D Maximum Cancellation Charge in 3.2.8. The charge assessed will be the unamortized portion of the Maximum Discontinuance Charge.

Example:

<u>Month During Which Service is Discontinued After Conversion Date</u>	<u>Charge (Per Trunk Discontinued)</u>
1	\$825.21
2	756.44
3	687.68
4	618.91
5	550.14
6	481.37
7	412.61
8	343.84
9	275.07
10	206.30
11	137.54
12	68.77

**FILED**

AUG 01 2000

00 - 182

**MISSOURI  
Public Service Commission**

Issued: May 10, 2000

Effective: August 1, 2000

Kenneth Matzdorff  
Chief Operating Officer  
Kansas City, Missouri

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**3. ORDERING OPTIONS FOR FIA (Cont'd)

MAY 10 2000

3.2 Access Service Request (Cont'd)3.2.8 FGD or BSA-D Maximum Per Trunk Cancellation Charge**MISSOURI  
Public Service Commission**Charge

FGD or BSA-D Maximum Cancellation Charge, Per Trunk

\$825.21

3.3 Access Service Requests For Services Provided By More Than One Telephone Company

- (A) Switched or Special Access Services provided by more than one telephone company are services where one end of the Switched Transport or Special Transport facility is in the operating territory of one telephone company and the other end of the facility is in the operating territory of a different telephone company.

The ordering procedure for this service is in (1) and (2). The telephone company will notify the customer, identifying which ordering procedures will apply.

## (1) Single Company Billing

The telephone company receiving the ASR from the customer will arrange to provide the service and bill the customer as in 2.7(A)(1). The customer will place the ASR with the telephone company as follows:

- (a) For Switched Access Services the customer will place the ASR with the telephone company in whose territory the following is located:

- FGA or BSA-A - dial tone office

When the preceding is not in the same telephone company's territory as the customer designated location (CDL), the customer must supply a copy of the ASR to the telephone company in whose territory the CDL is located.

**FILED**AUG 01 2000  
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FACILITIES FOR INTRASTATE ACCESS

3. ORDERING OPTIONS FOR FIA (Cont'd)

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3.3 Access Service Requests For Services Provided By More Than One Telephone Company

MAY 10 2000

(A) (Cont'd)

(2) Meet Point Billing

MISSOURI Public Service Commission

Each telephone company will provide its portion of the switched transport for Special Transport service within its operating territory to the meet point with the other telephone company(s). The BP will be determined by the telephone companies involved in providing the FIA service and listed in the ECA Tariff FCC No. 4. (\*)

For all Switched Access Services and all Special Access Services the order will be placed with the telephone company as specified in the Ordering and Billing Forum's Multiple Exchange Carrier Ordering and Design (MECOD) guidelines.

(B) When FGA or BSA-A is ordered in a Multicarrier Access Area, the customer must provide a copy of the order to all telephone companies providing the service from the CDL to the dial tone office.

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AUG 01 2000 2

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(\*) For IntraLATA LEC to LEC traffic, percentages of ownership will be determined by the V&H coordinates located in the Missouri PTC Plan IntraLATA Database.

FACILITIES FOR INTRASTATE ACCESS

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3. ORDERING OPTIONS FOR FIA (Cont'd)

MAY 10 2000

3.4 (Reserved for Future Use)

3.5 Switched Access Minimum Capacity Requirements

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Public Service Commission**

3.5.1 When a customer orders Switched Access, it will be provided subject to the minimum capacity provisions in 3.5.2 through 3.5.5.

3.5.2 There is no minimum capacity for Interface Arrangements 1 and 2 in 3.5.5. However, for Interface Arrangements 3 through 10 the minimum capacity is in 3.5.5. A description of Interface Arrangements is found in 4.2.3(B).

3.5.3 (Reserved for Future Use)

3.5.4 For the purpose of administering the minimum capacity provisions, different Switched Access feature groups for the same customer may be grouped together if the facilities provided for all the connections are the same and terminate in the same facilities terminal in the same Telephone Company access tandem or end office.

**FILED**

AUG 01 2000  
00-182

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FACILITIES FOR INTRASTATE ACCESS

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3. ORDERING OPTIONS FOR FIA (Cont'd)

MAY 10 2000

3.5 Switched Access Minimum Capacity Requirements (Cont'd)

**MISSOURI  
Public Service Commission**

3.5.5 The following table provides the total capacity of the interface and the thresholds for minimum ASR requirements. When the customer requests one of the following it is required to order sufficient Lines for FGA or BSA-A, and sufficient trunks or BHMCs for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service to satisfy the minimum capacity. When the customer requests more than one of the same Interface Arrangements, it is required to meet the total minimum capacity of all such Interface Arrangements.

<u>Interface Arrangement</u>	<u>Interface Type</u>	<u>Interface Name</u>	<u>Total Capacity</u> (circuits)	<u>Minimum Capacity</u> (circuits)
1	Voice Frequency	2-Wire	1	NA
2	Voice Frequency	4-Wire	1	NA
3	Analog	Group	12	9
4	Analog	Supergroup	60	42
5	Analog	Mastergroup	600	420
6	Digital	DS1	24	17
7	Digital	DS1C	48	34
8				
9	Digital	DS3	672	471
10	Digital	DS3C	1344	941

**FILED**

AUG 01 2000  
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FACILITIES FOR INTRASTATE ACCESS

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ISSUED: May 1, 2012

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EFFECTIVE: July 3, 2012

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS

4.1 General

Switched Access provides two-point communications paths between the point of termination at a CDL and the points of termination at Telephone Company end user premises within the Access Area. Each path is established through the use of Switched Transport, (Entrance Facilities, Direct-Trunked Transport and/or Tandem Switched Transport) End Office Services, and Common Lines or Special Access Lines. Switched Access provides for the ability to originate calls from an end user's premises to the CDL and to terminate calls from the CDL to an end user's premises. Specific descriptions of Switched Access are in 4.2.

(C)  
(C)

Switched Access services, when used to provide Tandem Switch Signaling (TSS) may be connected to a customer's access tandem via Switched Transport Access services. TSS is available only with FGD, and BSA-D Switched Access, 500 SAC Access and 900 SAC Access services provided from equal access end offices. TSS is provided in multifrequency (MF) address signaling format from equal access end offices. TSS is also provided in SS7 Out of Band signaling format at suitably equipped (Service Switching Point) end offices. TSS is not available from end offices that use alternate technologies to provide equal access capabilities, nor from Telephone Company access tandems.

(N)  
|  
(N)

Switched Access is ordered in either quantities of lines, trunks or in Busy Hour Minutes of Capacity (BHMC). FGA and BSA-A is furnished on a per-line basis, and FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service are furnished on a per-trunk basis in accordance with the capacity ordered in trunks or BHMC.

Quantities of lines, trunks or total BHMC of the circuit group connecting the first point of switching and the CDL are determined at the Telephone Company's first point of switching.

A customer may designate one or more CDLs within the LATA for FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D Switched Access or SAC Access Service, except that in the case of 800 SAC Access Service, customers may request connections only to suitably equipped end offices and access tandem offices as discussed in 3.1.1(D).

The following option will not be applicable to FGC, FGD, BSA-C and BSA-D. When the first point of switching and the CDL are in the same Wire Center Area, transport for FGA, FGB, BSA-A or BSA-B Switched Access Service is rated as in Section 4.2.3. When the Telephone Company's first point of switching and the CDL are served by different Wire Center Areas for FGA, FGB, BSA-A or BSA-B Service, but within the same LATA, the customer will be given an option on how the transport will be rated. In this instance, the customer may opt to have the transport rated as Switched Transport from the wire center serving the existing CDL to the end office(s) originating or terminating the traffic, in 4.2.3(A)(1), or choose to have that portion of the transport between the wire center serving the existing CDL and the selected first point of switching rated as Special Transport. By selecting the Special Transport option, the customer has established a new CDL for Switched Access rating purposes in the selected Access Area. That Transport between the wire center serving the existing CDL and the new CDL is rated as Special Transport, in 5.1.1(B), and Switched Access rates will be applicable from the wire center serving the new CDL to each end office originating or terminating traffic within the selected FGA, FGB, BSA-A or BSA-B Access Area. A Special Access Line charge is also applicable where the customer chooses the Special Transport option as in 5.1.1(C). Switched Transport and Special Transport shall not be combined within the same hunt group arrangement. When the customer requests to change for rating purposes from one type of transport to another (e.g., Special to Switched), the Subsequent Ordering Charge - Switched Access, in 4.6.1(B) or the Subsequent Ordering Charge - Special Access in 5.6.1(D)(1) (b) will apply. The charge for the change depends on the type of transport option being selected by the customer.

When Switched Access is ordered in BHMC, the BHMC must be differentiated by Feature Group type and directionality of traffic as in 4.3.2 in order for the Telephone Company to properly design Switched Access to meet the traffic carrying capacity requirements of the customer.

When a customer plans to use Switched Access in connection with the resale of services of an IC, the provisions for such Switched Access charges are in Section 12.

Switched Access is provided with basic testing as described in 4.2.1, 4.2.2, and 4.2.7. Additional testing is provided as described in 6.6. Testing is provided only on the FIA supplied by the Telephone Company.

ISSUED: May 1, 2012

EFFECTIVE: July 3, 2012

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Shared use between Switched Access and Special Access over high capacity facilities is described in 5.6.7.

Switched Access may be ordered by the customer for mixed intrastate and interstate communications as in 4.3.2 and 4.3.3.

4.2 Description of Switched Access

Switched Access is provided in conjunction with either of two types of access services, bundled Feature Groups or unbundled Basic Serving Arrangements (BSAs). BSAs, described in 4.2.2, are provided in two basic categories differentiated by their technical characteristics and how they connect, line side or trunk side connection, to the Telephone Company's first point of switching. The trunk side BSA is further differentiated into three alternatives based upon how the end user accesses the trunk side BSA, with or without an access code. Feature Group A (FGA) and Basic Serving Arrangement A (BSA-A) are defined as line side connections to the Telephone Company's network. Feature Group B (FGB), Feature Group C (FGC), Feature Group D (FGD), Basic Serving Arrangement Alternative B (BSA-B), Basic Serving Arrangement Alternative C (BSA-C), and Basic Serving Arrangement Alternative D (BSA-D) are defined as trunk side connections to the Telephone Company's network. The use of a line side or trunk side switched access connection is dependent upon the switched access arrangement ordered by the customer. Feature Groups and BSAs are arranged for either originating, terminating, or two-way calling, based on the end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Company exchange service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Company exchange service locations. Two-Way calling permits the delivery of calls in both directions, but not simultaneously.

Switched Access will be provided as both Feature Groups and BSAs to Telephone Company end offices either directly routed or routed via an access tandem, except as set forth following:

- Feature Group and BSA trunk side equivalents (FGB and BSA-B, FGC and BSA-C, and FGD and BSA-D) may not be provided for the same Carrier Identification Code (CIC) and/or Billing Account Number (BAN) at Telephone Company end offices which subtend the same tandem. When a Telephone Company end office subtends multiple tandems, Feature Group and BSA trunk side equivalents may not be provided for the same CIC and/or BAN at any Telephone Company end office which subtends either tandem.
- Feature Group and BSA line side equivalents (FGA and BSA-A) may not be mixed in the same multiline hunt group.

4.2.1 Descriptions of Feature Groups

The Telephone Company, under the ordering provisions in Section 3, at rates and charges as specified in 4.6, will provide Switched Access as follows:

(A) Feature Group A

Feature Group A (FGA), which is available to all customers, provides line-side access to Telephone Company end office switches with an end user access code of NXX-XXXX for the customer's use in originating and terminating communications. FGA is available as Message Telecommunications Service-type or Wide Area Telecommunications Service-type (MTS/WATS-type) access or as Foreign Central Office/Off Network Access Line (FCO/ONAL) open end access, for customer provided intrastate communications capability or connections as an interstate intrastate service.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)**MISSOURI  
Public Service Commission**4.2.1 Descriptions of Feature Groups (Cont'd)(A) Feature Group A (Cont'd)

- (1) FGA is provided at all Telephone Company end office switches and switches customer communications to and from Common Lines, or Special Access Lines, as in 4.2.1(A).

FGA utilizes a two-point electrical communications path between the Interface Arrangement and the Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- (2) FGA is provided as line-side switching through end office switch line equipment. Line-side switching may, at the option of the customer, be provided with ground start supervisory signaling or loop start supervisory signaling.
- (3) The customer shall select the first point of switching, within the selected FGA Access Area.
- (4) FGA is arranged for originating calling only, terminating calling only or two-way calling. The Telephone Company will determine the type of calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different than that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.1 Descriptions of Feature Groups (Cont'd)**MISSOURI  
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- (5) FGA, when being used in the terminating direction, is arranged with dial tone start-dial signaling and dial pulse address signaling. FGA, when being used in the terminating direction, may, at the option of the customer, be arranged for Dual Tone Multifrequency (DTMF) address signaling, subject to availability of equipment in the end office from which FGA is provided. When FGA is provided in a Hunt Group Arrangement or Uniform Call Distribution Arrangement, all FGA will be arranged for the same type of signaling.

No address signaling is provided by the Telephone Company when FGA is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

- (6) FGA, when used in the terminating direction, may be used to access valid NXXs in the FGA Access Area. For FGA, the Access Area is defined as the local calling area of the end office switch from which the FGA is provided. The description of any specific FGA Access Area will be provided to the customer upon request. Access is also provided for Extended FGA terminating calls established on a 1+ basis (i.e., toll) outside the specific FGA Access Area (i.e., local calling area) however inside the LATA. When a FGA customer chooses to terminate toll calls outside the LATA via an Interexchange Carrier's Service (i.e., no screening or blocking performed by customer), the rates and charges in 4.5.2(N)(3)(b) apply. The Telephone Company may, at the customer's request, and depending on the technical capabilities, screen and block such interLATA calls. Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), emergency reporting service (911), local telephone repair (611), information services (e.g., time and temperature) and IC services (by dialing the appropriate digits). The customer will be billed for an operator surcharge as in the Telephone Company General and/or Local Tariffs, for local operator assistance (0-) calls; certain community information service calls; directory assistance (411 and 555-1212) calls; and customer call charges in accordance with other IC tariffs in force when the Telephone Company performs the billing for such customer calls.

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

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Public Service Commission**

4.2.1 Descriptions of Feature Groups (Cont'd)

(A) Feature Group A (Cont'd)

(6) Cont'd

Access to these services may, at the option of the customer, be blocked when the Call Denial on Line or Hunt Group three digit or six digit dial code screening arrangements are provided, subject to the availability of the equipment in the end office from which FGA is provided. Call Denial on Line or Hunt Group is an arrangement which will screen terminating calls except calls to 411, 611, 911, 800, 555-1212, and a set of NXXs selected by the customer, in cooperation with the Telephone Company for each end office switch and route all other calls to reorder tone or recorded announcement.

Three digit dial code screening is an arrangement which will screen terminating calls and allow completion of calls to one or more specific NXXs (or all NXXs) within the Home NPA, or calls to one, two, or three digit service codes (e.g., 0, 411) and route all others to reorder tone or recorded announcement.

Six digit dial code screening is an arrangement which will screen Access Area terminating calls and allow completion of calls to selected NXXs within foreign NPAs and route all other calls in the foreign NPA to reorder tone or recorded announcement.

(7) (Reserved for Future Use)

(8) FGA is provided on a single line basis. FGA may, at the option of the customer, be provided in a Hunt Group Arrangement or a Uniform Call Distribution Arrangement. When FGA is provided with these arrangements, the FGA may also, at the option of the customer, be provided with a Nonhunting Number Arrangement. The Uniform Call Distribution Arrangement and the Nonhunting Number Arrangement are only available from certain Telephone Company end office switches. All FGA in a Hunt Group Arrangement or Uniform Call Distribution Arrangement with the Nonhunting Number Arrangement will be similarly arranged.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)**MISSOURI  
Public Service Commission**4.2.1 Descriptions of Feature Groups (Cont'd)(A) Feature Group A (Cont'd)

- (9) A seven digit telephone number assigned by the Telephone Company is provided for access to FGA in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX. If the customer requests a specific seven digit telephone number that is not currently assigned and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.
- (10) FGA is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), dc continuity and when applicable operational signaling.
- (a) Where Telephone Company equipment is available a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, and milliwatt (102 type) test line.

Additional testing will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGA; or (c) the customer requests testing on a more frequent basis than scheduled for in the Telephone Company's Central Office Maintenance Planning System (COMPS). The Telephone Company will routinely perform maintenance testing from the dial tone end office to the customer's first point of switching.

- (11) (Reserved for Future Use)
- (12) When all FGA for an individual customer (a single line or entire hunt group) is discontinued at an end office, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
- (13) FGA is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGA.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)**MISSOURI  
Public Service Commission**4.2.1 Descriptions of Feature Groups (Cont'd)(B) Feature Group B

Feature Group B (FGB), which is available to all customers, provides trunk-side access to Telephone Company end office switches with an associated uniform 950-XXXX access code for originating and terminating communications for customer provided intrastate communications capability or connection to an interexchange intrastate service.

- (1) FGB, when provided without the use of a Telephone Company access tandem switch (in a directly routed arrangement), is provided at all Telephone Company appropriately equipped electronic end office switches. When provided via Telephone Company appropriately equipped electronic access tandem switches, FGB End Office Services are provided at all Telephone Company subtending end office switches in the terminating direction and at appropriately equipped end offices in the originating direction utilizing the end user access code of 950-XXXX. For those subtending end offices that are not appropriately equipped, access in the originating direction is available by the end user access code of 1+950-XXXX.

FGB utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or a Special Access Line, as in 4.2.1(B), which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- (2) FGB is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with wink start pulsing and answer and disconnect supervisory signaling.
- (3) The Telephone Company will select the trunking arrangement from the end office, within the selected Access Area from which FGB is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement or Rotary Dial Station Signaling, where available, special routing and trunking arrangements may be required.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.1 Descriptions of Feature Groups (Cont'd)**MISSOURI  
Public Service Commission**(B) Feature Group B (Cont'd)

- (4) FGB is arranged for either originating, terminating, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.
- (5) FGB, when being used in the terminating and originating direction, is provided with multifrequency address signaling. At the option of the customer, up to 7 Digits Outpulsing of Access Digits to the customer will be provided in the originating direction by the Telephone Company equipment to the CDL where the FGB terminates. Except for FGB provided with the ANI arrangement or Rotary Dial Station Signaling as in 4.2.5(M), any other address signaling in the originating direction, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

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**MISSOURI  
Public Service Commission**

Issued: May 10, 2000

Effective: August 1, 2000

Kenneth Matzdorff  
Chief Operating Officer  
Kansas City, Missouri

## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

MAY 10 2000

4.2 Description of Switched Access (Cont'd)4.2.1 Description of Feature Groups (Cont'd)**MISSOURI  
Public Service Commission**(B) Feature Group B (Cont'd)

- (6) FGB, when being used in the terminating direction, may be used to access valid NXXs in the FGB Access Area. If the FGB connection is made directly to an end office the Access Area is that of that end office only. If the FGB connection is made to an access tandem the Access Area is that of all end offices subtending that access tandem. The description of any FGB Access Area will be provided to the customer upon request. Access is also available to information services (e.g., time and temperature) and IC services by dialing the appropriate digits and other services when those services can be reached using valid NXX codes. Premium End Office Switching - Bundled (EOSB) rates in 4.5.2(N)(5) and 4.6.3(C) apply to all FGB usage originating or terminating at an equal access end office. When a provider of MTS and WATS subscribes to FGB and FGC at an end office, FGC usage and FGB terminating usage will be subject to premium EOSB rates and FGB originating usage will be subject to nonpremium EOSB rates.
- (7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the FGB arrangement provided.
- (8) The access code for FGB is a uniform access code in the form of 950-XXXX. For end offices not appropriately equipped an IC may instruct their end users to access the FGB by dialing 1+950-XXXX.

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

**MISSOURI  
Public Service Commission**

(B) Feature Group B (Cont'd)

- (9) FGB may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing numbers. ANI is not available if the FGB connection is at an access tandem. The ANI arrangement provides seven digit calling station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no seven digit number will be provided, and an "identification failure" information digit will be provided. ANI will be available using multifrequency signaling provided by the Telephone Company.

Rotary Dial Station Signaling will be made available in certain end offices using dial repeating equipment provided by the Telephone Company. The customer must order Switched Transport arranged to pass the dial repeating signals. FGB is provided in directly routed arrangements where the ANI or Rotary Dial Station Signaling arrangements are provided.

Only calls from end users terminated on the end office switch will be provided with the ANI or Rotary Dial Station Signaling arrangements.

- (10) The Telephone Company will determine the end office ANI protocol for FGB. The Telephone Company makes no guarantee that ANI will be available at all end offices which have access to FGB.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.1 Descriptions of Feature Groups (Cont'd)**MISSOURI  
Public Service Commission**(B) Feature Group B (Cont'd)

(11) FGB is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched noise) and where applicable, dc continuity, signaling and balance testing.

(a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line.

(b) Where Telephone Company equipment is available and the customer is equipped with compatible remote office test lines, FGB will be provided with automatic testing (105 type or equivalent) in the originating direction.

Additional testing charges apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGB; or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS). The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)**MISSOURI  
Public Service Commission**4.2.1 Descriptions of Feature Groups (Cont'd)(B) Feature Group B (Cont'd)

- (12) (Reserved for Future Use)
- (13) When all FGB is discontinued at an end office and/or in an Access Area, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the FGB associated with the number dialed has been disconnected.
- (14) FGB is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the end office, when routed directly, or to the first point of switching, when routed via an access tandem. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGB.
- (15) FGB may at the option of the customer and with the concurrence of the Telephone Company, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.1 Descriptions of Feature Groups (Cont'd)**MISSOURI  
Public Service Commission**(C) Feature Group C

Feature Group C (FGC) provides trunk-side access to Telephone Company end office switches for LEC providers of MTS and WATS for originating and terminating communications. FGC is available in all end offices for LEC to LEC traffic only.

- (1) FGC is provided at all Telephone Company end office switches or Telephone Company designated access tandem switches. FGC is available at an end office switch unless FGD or BSA-D is provided in the same office. When FGD or BSA-D is available, FGC will be discontinued as soon as the conversion to FGD or BSA-D can be arranged.

FGC utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- (2) FGC is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start pulsing signals are provided in all offices where available. In those offices where wink start pulsing signals are not available, delay dial start pulsing signals will be provided.
- (3) The Telephone Company will select the trunking arrangement from the end office within the selected Access Area from which FGC is to be provided. If the customer orders an ANI arrangement or Service Class Routing Arrangement, special routing and trunking arrangements may be required.
- (4) FGC is arranged for either originating calling only, terminating calling only, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of Directional calling to be provided unless the customer requests the option, Customer Specification of Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the trunk group Routing arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.1 Descriptions of Feature Groups (Cont'd)**MISSOURI  
Public Service Commission**(C) Feature Group C (Cont'd)

- (5) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such electromechanical end office switches, the address signaling will be dial pulse or revertive pulse signaling, whichever is available. Dial pulse address signaling may, at the option of the customer, be provided in lieu of multifrequency address signaling if such signaling facilities are available in the end office. Up to twelve digits of the called party number dialed by the customer's end user will be provided by Telephone Company equipment to the CDL where the FGC terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.
- (6) FGC, when being used in the terminating direction, may be used to access NXXs in the FGC Access Area. If the FGC connection is made directly to an end office the Access Area is that of that end office only. If the FGC connection is made to a Telephone Company access tandem the Access Area is that of all end offices subtending that Telephone Company access tandem. The description of any FGC Access Area will be provided to the customer upon request. Access is also available to Directory Assistance and other services (by dialing the appropriate codes) when the services can be reached using valid NXX codes.
- (7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the FGC arrangement provided.
- (8) No access code is required for FGC. In certain locations, due to Central Office equipment limitations, two or three digit access codes may be used. The telephone number dialed by AT&TC's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by AT&TC's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + MN or 011 + CC + NN.
- (9) FGC may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing number. The ANI arrangement provides seven digit station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

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4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

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Public Service Commission

(C) Feature Group C

(9) (Cont'd)

In those cases where an ANI failure has occurred in the end office switch, no seven digit number will be provided and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Telephone Company.

FGC is provided in directly routed arrangements to the end office switch where the ANI arrangement is provided. The Telephone Company will determine the end office ANI protocol for FGC.

Only calls from end users terminated on the end office switch will be provided with the ANI arrangement. ANI is provided from end offices for which Telephone Company recording for end user billing is not provided, or where it is not required, as with 800/888/877 Service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

(10) FGC may, at the option of the customer, be arranged for International Direct Distance Dialing (IDDD) arrangement in the originating direction. End offices or Telephone Company access tandems equipped for IDDD will be designated by the Telephone Company. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.

(11) (Reserved for Future Use)

(12) (Reserved for Future Use)

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

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(C) Feature Group C (Cont'd)

(13) FGC is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.

(a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. The access number shall include: balance (100 type) test line, milliwatt (102 type) test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, nonsynchronous or synchronous test line, loop around test line, short circuit test line and open circuit test line.

(b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), FGC will be provided with automatic testing.

(c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

Additional testing charges will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGC; or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS).

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

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4.2.1 Descriptions of Feature Groups (Cont'd)

(C) Feature Group C (Cont'd)

- (14) FGC may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.
- (15) FGC may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDL based on service prefix (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 888, 877, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel).
- (16) (Reserved for Future Use)
- (17) FGC may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement in all Telephone Company end offices. This arrangement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group to the CDL in order to limit the amount of such traffic that can be completed.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)**MISSOURI  
Public Service Commission**4.2.1 Descriptions of Feature Groups (Cont'd)(C) Feature Group C (Cont'd)

(18) FGC is provided with the following features in the originating direction for operator assistance services. FGC may require the routing by Service Class Routing Arrangement as in 4.2.1(C)(15).

- (a) Operator Assistance-Coin Control Arrangements for Telephone Company end offices where equipment is available - Such arrangements provide coin return control and routing of 0+, 0-, 01+ and 011+ prefixed originating calls to the CDL. The operator services system arrangement for receipt of 0+, 0-, 1+, 01+ and 011+ calls may, at the option of the customer, be provided with the ANI arrangement. The cord board arrangement for receipt of 0-originating calls is not provided with ANI. FGC is provided in a directly routed arrangement where the Operator Assistance-Coin Control arrangement is provided. Only calls from coin station lines terminated on the end office switch where the Operator Assistance-Coin Control Arrangement is provided will be provided to the CDL.
- (b) Operator Assistance-Noncoin Arrangements in all Telephone Company end offices - Such arrangements provide routing of 0+, 0-, 1+, 01+, and 011+ prefixed originating calls to the CDL. This arrangement for receipt of 0+, 0-, 1+, 01+, and 011+ originating calls may, at the option of the customer, be provided with the ANI arrangement.

The cord board arrangement for receipt of 0- originating calls is not provided with ANI. FGC is provided in a directly routed arrangement where the Operator Assistance-Noncoin Arrangement is provided. Only calls from end users terminated on the end office switch where the Operator Assistance-Noncoin Arrangement is provided will be provided to the CDL.

- (c) Operator Assistance - Combined (coin and noncoin) Arrangements in Telephone Company end offices where equipment is available - This arrangement provides the combined features described in (a) and (b).

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

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4.2.1 Descriptions of Feature Groups (Cont'd)

(C) Feature Group C (Cont'd)

(19) FGC is provided with either Type B or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to an access tandem, only Type B is provided; or c) Type B or Type C is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1 when routed directly to an end office. Type B is provided with Interface Arrangements 2 through 10 whether routed directly to an end office or to an access tandem. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGC.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)**MISSOURI  
Public Service Commission**4.2.1 Descriptions of Feature Groups (Cont'd)(D) Feature Group D

Feature Group D (FGD), which is available to all customers, provides trunk-side access to Telephone Company end office switches with an associated 101XXXX access code for providers of MTS/WATS and MTS/WATS-type services for originating and terminating communications for customer provided intrastate communications capability or connections to an interexchange intrastate service.

- (1) FGD is provided at Telephone Company appropriately equipped electronic end office switches.

FGD utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

SS7 Out of Band Signaling for FGD is provided at suitably equipped Telephone Company end office or access tandem switches.

- (2) FGD is provided as trunk-side switching through the use of end office or Telephone Company access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling and wink start pulsing signals except when SS7 Out of Band Signaling is specified.
- (3) The Telephone Company will select the trunking arrangement from the end office, within the selected Access Area from which FGD is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement, Alternate Traffic Routing Arrangement, Service Class Routing Arrangement, Trunk Access Limitation Arrangement, or Operator Assistance Full Feature Arrangement, special routing and trunking arrangements may be required.
- (4) FGD is arranged for either originating calling only, terminating calling only, or two-way calling and based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer orders an Operator Assistance Full Feature Arrangement or requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such arrangements, additional charges on an Individual Case Basis will apply if the trunking arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL. Two-way calling permits either the origination or termination of calls, but not simultaneously.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.1 Descriptions of Feature Groups (Cont'd)**MISSOURI  
Public Service Commission**(D) Feature Group D (Cont'd)

- (5) FGD is provided with multifrequency address signaling or SS7 Out of Band Signaling. Up to twelve digits of the called party number dialed by the end user will be provided by Telephone Company equipment to the CDL where the FGD terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.
- (6) FGD, when being used in the terminating direction, may be used to access valid NXXs in the FGD Access Area. If the FGD connection is made directly to an end office the Access Area is that of that end office only. If the FGD connection is made to a Telephone Company access tandem, the Access Area is all end offices subtending that access tandem that have FGD capabilities. When the customer wants access to all end offices subtending that access tandem (both equal access and non equal access) a single FGD trunk group may be used. Traffic terminating at a non equal access end office using a FGD trunk group will be ordered as FGB or FGC and billed at FGB or FGC rates. Separate trunk groups for the combined use of FGD and FGB or FGD and FGC are not required. The description of any FGD Access Area will be provided to the customer upon request. FGD may also be used in the terminating direction to access information services (e.g., time and temperature) and other services by dialing the appropriate codes when the services can be reached using valid NXX codes.
- (7) A separate trunk group will be established based on directionality (i.e., originating only, terminating only, or two-way traffic) of the FGD arrangement provided.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.1 Descriptions of Feature Groups (Cont'd)**MISSOURI  
Public Service Commission**(D) Feature Group D (Cont'd)

- (8) The access code for FGD is a uniform access code of 101XXXX. No access code is required if the end user's Telephone Company local service is arranged for Primary Interexchange Carrier (PIC) arrangement as in 6.5 to the same customer. The number dialed by the end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by the end users is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN. When the 101XXXX access code is used, FGD also provides for dialing the digit 0 for access to the customer's operator, or the end-of-dialing digit (#) for cut-through access to the CDL. FGD also provides for the dialing of digits 00 for access on a non-DDD basis to the customer's operator when the end user's service is designated to the customer as in 6.5 and 4.2.5(V). A single access code will be the assigned number for all FGD provided to the customer by the Telephone Company.

In addition to the standard 101XXXX access code, the customer has the option to use 950-XXXX as an access code for FGD Switched Access Service. When the customer orders FGD Switched Access Service with 950-XXXX Access as described in 4.2.5(T), FGD switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as FGD switched access calls.

FGD, provided with multifrequency address signaling or SS7 Out of Band Signaling, is arranged to receive address signaling through the use of Dual Tone Multifrequency (DTMF) or dial pulse address signaling from the end user.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.1 Descriptions of Feature Groups (Cont'd)**MISSOURI  
Public Service Commission**(D) Feature Group D (Cont'd)

- (9) FGD may, at the option of the customer, be arranged to provide ANI arrangement to obtain the calling station billing number. The ANI arrangement provides ten digit station billing number information to the CDL. When SS7 Out of Band Signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature as described in 4.2.5(A)(D). In those situations where no billing number is available in the end office switch, as with 4/8 party service, no ten digit number will be provided, only the area code and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no ten digit number will be provided, and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Telephone Company.

Dependent upon the group type, the ANI spill may be forwarded prior to the called number in appropriately equipped end offices. When the ANI spill is sent prior to the called number, ten digits will be forwarded (NPA + NXX-XXXX). When the ANI spill is sent after the called number, the conventional seven digits will be forwarded. The Telephone Company will determine the sequencing and protocol of the ANI spill and called number.

- (10) FGD may, at the option of the customer, be arranged for the International Direct Distance Dialing (IDDD) Arrangement in the originating direction. End offices or Telephone Company access tandem switches which are equipped for IDDD will be designated by the Telephone Company. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.

FGD may also be arranged to forward the international calls of one or more international carriers to the customer. This arrangement requires verification by the Telephone Company that the customer is authorized to forward such calls.

- (11) (Reserved for Future Use)  
(12) (Reserved for Future Use)

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.1 Descriptions of Feature Groups (Cont'd)**MISSOURI  
Public Service Commission**(D) Feature Group D (Cont'd)

- (13) FGD is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.
- (a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Access to test lines by other than seven digits is at the option of the Telephone Company and may vary in availability.
- (b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), FGD will be provided with automatic testing.
- (c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching. Additional testing charges will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGD; or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS).
- (d) When FGD or 800 SAC Access service with SS7 Out of Band Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Bellcore Technical Reference Publication TR-TSV-000905. Successful completion is necessary to receive the SS7 signaling option. To protect the security of the SS7 network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a nondisclosure agreement.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)**MISSOURI  
Public Service Commission**4.2.1 Descriptions of Feature Groups (Cont'd)(D) Feature Group D (Cont'd)

- (14) FGD may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.
- (15) FGD may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDLs based on service prefix code (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 888, 877, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel). Service classes of traffic unable to be served by a customer will be handled at the option of the Telephone Company.
- (16) (Reserved for Future Use)
- (17) FGD will be arranged to accept calls from Telephone Company local service without the 101XXXX uniform access code. Each Telephone Company local service will be marked to identify which 101XXXX code its calls will be directed to for InterLATA Area service.
- (18) FGD may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement. The Trunk Access Limitation Arrangement provides for the routing of designated (e.g., 900 Service class code) originating calls to a specified number of transmission paths in a trunk group.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)**MISSOURI  
Public Service Commission**4.2.1 Descriptions of Feature Groups (Cont'd)(D) Feature Group D (Cont'd)

- (19) FGD may, at the option of the customer, be provided with an Operator Assistance Full Feature Arrangement. This arrangement provides, to the customer operator, the initial coin control function. FGD is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement, in (15). The coin collection and return protocol required by the customer must be compatible with Telephone Company equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Telephone Company. This option is unavailable in conjunction with SS7 Out of Band Signaling.
- (20) FGD is provided with either Type A, Type B, or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to a Telephone Company access tandem, only Type A is provided; c) Type A is provided on the transmission path from the Telephone Company access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1. Type A and Type B are provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGD.
- (21) FGD trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with FGD is Overlap Outpulsing. At the option of the customer, where technically available FGD may be provided with Non-Overlap Outpulsing signaling protocol.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.1 Descriptions of Feature Groups (Cont'd)**MISSOURI  
Public Service Commission**(E) SAC Access Service

Service Access Code (SAC) Access Service is an originating service that is provided via SAC Access Service switched trunk groups, or may be provided in conjunction with FGC or FGD. SAC Access Service may also be provided in conjunction with BSA-C or BSA-D as shown in 4.2.2. When a 1+500-NXX-XXXX or 0+500-NXX-XXXX call is originated by an end user for 500 SAC Access Service, the 500 Customer Identification Function, as described in 4.2.20, determines the customer to which the call is to be routed based on the 500 NXX code dialed. When a 1+800-NXX-XXXX, 1+888-NXX-XXXX or 1+877-NXX-XXXX call is originated by an end user for 800/888/877 SAC Access Service, the 800/888/877 Customer Identification Function as described in 4.2.11 determines the customer to which the 800/888/877 call is routed. When a 1+900-NXX-XXXX call is originated by an end user for 900 SAC Access Service, the 900 Customer Identification Function, as described in 4.2.12, determines the customer to which the call is to be routed based on the 900 NXX code dialed.

- (1) Service Access Code (SAC) Access Service is provided at Telephone Company appropriately equipped end offices or tandem switches.
- (2) Originating SAC Access Service is a trunk side switched service that is available to the customer via SAC Access Service trunk groups. The appropriate Customer Identification Function, in 4.2.11, 4.2.12 and 4.2.20, must be ordered in conjunction with each SAC Access Service trunk group. SAC Access Service traffic at the option of the customer can be carried on the same group with non-SAC Access traffic.
- (3) When a 1+N00-NXX-XXXX or 1+500-NXX-XXXX call is originated by an End User, the Telephone Company will perform the selected Customer Identification Function based upon the dialed digits to determine the disposition of the call. If the call originates from an end office not equipped to provide the Customer Identification Function, the call will be routed to an office where the function is available. Once the Customer Identification Function has been performed, the call will be routed to the customer.
- (4) The manner in which SAC Access Service is provided is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access or not equipped with equal access capabilities). When SAC Access Service is provided from an end office equipped with equal access capabilities, all such service will be provisioned in accordance with the technical characteristics available with FGD or BSA-D except when more than one Telephone Company access tandem is employed in the transport of a SAC Access Service call.

When SAC Access Service is provided from an end office not equipped with equal access capabilities, such service will be provisioned in accordance with the technical characteristics available with FGC, FGD, BSA-C or BSA-D. In either case, when more than one Telephone Company access tandem is employed in the transport of a SAC Access Service call, Standard Transmission characteristics are not guaranteed.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(E) SAC Access Service (Cont'd)

(5) For other than FGC or BSA-C, end offices that lack equal access or the Customer Identification Function capabilities, may only be served via a Telephone Company access tandem over FGD or BSA-D trunks or SAC Access Service trunk groups. For FGC or BSA-C, SAC Access Service can be provided through existing trunk groups or separate FGC or BSA-C trunk groups which handle SAC Access Service. SAC Access Service from a Telephone Company access tandem, with both equal and nonequal access end offices, can be combined on a single FGD or BSA-D trunk group to the CDL. SAC Access Service from a Telephone Company access tandem with non-equal access end offices can be provided on a FGC or a BSA-C trunk group.

(6) 500 SAC Access Services originating from equal access end offices with the 500 Customer Identification Function, described in 4.2.20, may be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 900 SAC Access Service originating from equal access end offices with the 900 Customer Identification Function, described in 4.2.12, may be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 800/888/877 SAC Access Service originating from equal access end offices with the 800/888/877 Customer Identification Function described in 4.2.11 may be provided using exchange access signaling without overlap outpulsing and with ten digit ANI. SAC Access Service originating from equal access end offices without the Customer Identification Function capabilities, or from end offices not having equal access capability, may be provided using conventional signaling. On traffic using conventional signaling, other than FGC or BSA-C, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits.

SAC Access Service may also be provided with SS7 Out of Band Signaling from suitably equipped end office or access tandem switches.

(7) For SAC Access Service traffic originating from equal access end offices with the Customer Identification Function capabilities, FGD parameters as specified in 4.2.1(D) apply or BSA-D parameters as specified in 4.2.2(D) apply.

For SAC Access Service traffic, other than 800/888/877 SAC Access, originating from all other end offices, FGC parameters as specified in 4.2.1(C) apply or BSA-C parameters as specified in 4.2.2(C) apply.

The Entrance Facility interface at the customer's premises, as set forth in 4.2.3 for FGD and BSA-D also apply to SAC Access Service.

(C)

ISSUED: May 1, 2012

EFFECTIVE: July 3, 2012

Gary Kepley  
Director - Regulatory Operations  
Overland Park, Kansas

FILED  
Missouri Public  
Service Commission  
TT-2012-0317; YI-2012-0634

## FACILITIES FOR INTRASTATE ACCESS

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## 4. SWITCHED ACCESS (Cont'd)

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## 4.2 Description of Switched Access (Cont'd)

## 4.2.2 Description of Basic Serving Arrangements (BSAs)

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Public Service Commission**

The Telephone Company, under the ordering provisions in Section 3, at rates and charges specified in 4.6, will provide Lineside, Trunkside and Dedicated Network Access Link (DNAL) Switched Access Basic Serving Arrangements (BSAs) as follows:

(A) BSA-A

Basic Serving Arrangement A (BSA-A), which is available to all customers, provides line-side access to Telephone Company end office switches with an end user access code of NXX-XXXX for the customer's use in originating and terminating communications. BSA-A is available as Message Telecommunications Service-type or Wide Area Telecommunications Service-type (MTS/WATS-type) access or as Foreign Central Office/Off Network Access Line (FCO/ONAL) open end access, for customer provided intrastate communications capability or connection to an interexchange intrastate service.

- (1) BSA-A is provided at all Telephone Company end office switches and switches customer communications to and from Common Lines, or Special Access Lines.

BSA-A utilizes a two-point electrical communications path between the Interface Arrangement and the Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- (2) BSA-A is provided as line-side switching through end office switch line equipment. Line-side switching may, at the option of the customer, be provided with ground start supervisory signaling or loop start supervisory signaling. BSA-A may also be provided with certain Basic Service Elements (BSEs) as shown in 4.2.22.
- (3) The customer shall select the first point of switching, within the selected BSA-A Access Area.
- (4) BSA-A is arranged for originating calling only, terminating calling only or two-way calling. The Telephone Company will determine the type of calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different than that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

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Public Service Commission**

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

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(A) BSA-A (Cont'd)

- (5) BSA-A, when being used in the terminating direction, is arranged with dial tone start-dial signaling and dial pulse address signaling. BSA-A, when being used in the terminating direction, may, at the option of the customer, be arranged for Dual Tone Multifrequency (DTMF) address signaling, subject to availability of equipment in the end office from which BSA-A is provided. When BSA-A is provided in a Hunt Group Arrangement or Uniform Call Distribution Arrangement, as discussed in 4.2.22, all BSA-A will be arranged for the same type of signaling.

No address signaling is provided by the Telephone Company when BSA-A is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

- (6) BSA-A, when used in the terminating direction, may be used to access valid NXXs in the BSA-A Access Area. For BSA-A, the Access Area is defined as the local calling area of the end office switch from which the BSA-A is provided. The description of any specific BSA-A Access Area will be provided to the customer upon request. Access is also provided for Extended BSA-A terminating calls established on a 1+ basis (i.e., toll) outside the specific BSA-A Access Area (i.e., local calling area) however inside the LATA. When a BSA-A customer chooses to terminate toll calls outside the LATA via an Interexchange Carrier's Service (i.e., no screening or blocking performed by customer), the rates and charges in 4.5.2(N)(3) apply. The Telephone Company may, at the customer's request, and depending on the technical capabilities, screen and block such interLATA calls. Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), emergency reporting service (911), local telephone repair (611), information services (e.g., time and temperature) and IC services (by dialing the appropriate digits). The customer will be billed for an operator surcharge as in the Telephone Company General and/or Local Tariffs, for local operator assistance (0-) calls; certain community information service calls; directory assistance (411 and 555-1212) calls; and customer call charges in accordance with other IC tariffs in force when the Telephone Company performs the billing for such customer calls.

Access to these services may, at the option of the customer, be blocked when the Call Denial on Line or Hunt Group three digit or six digit dial code screening arrangements are provided, subject to the availability of the equipment in the end office from which BSA-A is provided. Call Denial on Line or Hunt Group is an arrangement which will screen terminating calls except calls to 411, 611, 911, 800, 555-1212, and a set of NXXs selected by the customer, in cooperation with the Telephone Company for each end office switch and route all other calls to reorder tone or recorded announcement.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd) **MISSOURI Public Service Commission**(A) BSA-A (Cont'd)

## (6) (Cont'd)

Three digit dial code screening is an arrangement which will screen terminating calls and allow completion of calls to one or more specific NXXs (or all NXXs) within the Home NPA, or calls to one, two, or three digit service codes (e.g., 0, 411) and route all others to reorder tone or recorded announcement.

Six digit dial code screening is an arrangement which will screen Access Area terminating calls and allow completion of calls to selected NXXs within foreign NPAs and route all other calls in the foreign NPA to reorder tone or recorded announcement.

- (7) BSA-A is provided on a single line basis. When BSA-A is provided in a Hunt Group Arrangement or a Uniform Call Distribution Arrangement, the BSA-A may also, at the option of the customer, be provided with a Nonhunting Number Arrangement. The Uniform Call Distribution Arrangement and the Nonhunting Number Arrangement are only available from certain Telephone Company end office switches. All BSA-A in a Hunt Group Arrangement or Uniform Call Distribution Arrangement with the Nonhunting Number Arrangement will be similarly arranged.
- (8) A seven digit telephone number assigned by the Telephone Company is provided for access to BSA-A in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX. If the customer requests a specific seven digit telephone number that is not currently assigned and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.
- (9) BSA-A is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), dc continuity and when applicable operational signaling.

Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, and milliwatt (102 type) test line.

Additional testing will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-A; or (c) the customer requests testing on a more frequent basis than scheduled for in the Telephone Company's Central Office Maintenance Planning System (COMPS). The Telephone Company will routinely perform maintenance testing from the dial tone end office to the customer's first point of switching.

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)

**MISSOURI  
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(A) BSA-A (Cont'd)

(10) When all BSA-A for an individual customer (a single line or entire hunt group) is discontinued at an end office, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(11) BSA-A is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangement 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-A.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)**MISSOURI  
Public Service Commission**(B) BSA-B

Basic Serving Arrangement B (BSA-B), which is available to all customers, provides trunk-side access to Telephone Company end office switches with an associated uniform 950-XXXX access code for originating and terminating communications for customer provided intrastate communications capability or connection to an interexchange intrastate service.

- (1) BSA-B, when provided without the use of a Telephone Company access tandem switch (in a directly routed arrangement), is provided at all Telephone Company appropriately equipped electronic end office switches. When provided via Telephone Company appropriately equipped electronic access tandem switches, BSA-B End Office Services are provided at all Telephone Company subtending end office switches in the terminating direction and at appropriately equipped end offices in the originating direction utilizing the end user access code of 950-XXXX. For those subtending end offices that are not appropriately equipped, access in the originating direction is available by the end user access code of 1+950-XXXX.

BSA-B utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or a Special Access Line, which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- (2) BSA-B is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with wink start pulsing and answer and disconnect supervisory signaling. BSA-B may also be provided with certain Basic Service Elements (BSEs) as shown in 4.2.22.
- (3) The Telephone Company will select the trunking arrangement from the end office within the selected Access Area from which BSA-B is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement, as shown in 4.2.22, or Rotary Dial Station Signaling, as shown in 4.2.5(M), special routing and trunking arrangements may be required.

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## FACILITIES FOR INTRASTATE ACCESS

**RECEIVED**4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)**MISSOURI  
Public Service Commission**(B) BSA-B (Cont'd)

- (4) BSA-B is arranged for either originating, terminating, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.
- (5) BSA-B, when being used in the terminating and originating direction, is provided with multifrequency address signaling. At the option of the customer, up to 7 Digits Outpulsing of Access Digits to the customer will be provided in the originating direction by the Telephone Company equipment to the CDL where the BSA-B terminates. Except for BSA-B provided with the ANI arrangement or Rotary Dial Station Signaling, any other address signaling in the originating direction, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.
- (6) BSA-B, when being used in the terminating direction, may be used to access valid NXXs in the BSA-B Access Area. If the BSA-B connection is made directly to an end office, the Access Area is that of that end office only. If the BSA-B connection is made to an access tandem, the Access Area is that of all end offices subtending that access tandem. The description of any BSA-B Access Area will be provided to the customer upon request. Access is also available to information services (e.g., time and temperature) and IC services by dialing the appropriate digits and other services when those services can be reached using valid NXX codes. Premium End Office Switching - Unbundled (EOSU) rates in 4.5.2(N)(5) and 4.6.3(C) apply to all BSA-B usage originating or terminating at an equal access end office. When a provider of MTS and WATS subscribes to BSA-B and BSA-C at an end office, BSA-C usage and BSA-B terminating usage will be subject to premium EOSU rates and BSA-B originating usage will be subject to nonpremium EOSU rates.

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## FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)4.2 Description of Switched Access (Cont'd)4.2.2 Description of Basic Serving Arrangements (BSAs) (Cont'd)**MISSOURI  
Public Service Commission**(B) BSA-B (Cont'd)

- (7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-B arrangement provided.
- (8) The access code for BSA-B is a uniform access code in the form of 950-XXXX. For end offices not appropriately equipped an IC may instruct their end users to access the BSA-B by dialing 1+950-XXXX.
- (9) BSA-B may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing numbers. ANI is not available if the BSA-B connection is at a Telephone Company access tandem. The ANI arrangement provides seven digit calling station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no seven digit number will be provided, and an "identification failure" information digit will be provided. ANI will be available using multifrequency signaling provided by the Telephone Company.

Rotary Dial Station Signaling will be made available in certain end offices using dial repeating equipment provided by the Telephone Company. The customer must order Switched Transport arranged to pass the dial repeating signals. BSA-B is provided in directly routed arrangements where the ANI or Rotary Dial Station Signaling arrangements are provided.

Only calls from end users terminated on the end office switch will be provided with the ANI or Rotary Dial Station Signaling arrangements.

- (10) The Telephone Company will determine the end office ANI protocol for BSA-B. The Telephone Company makes no guarantee that ANI will be available at all end offices which have access to BSA-B.

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