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FACILITIES FOR INTRASTATE ACCESS

ADOPTION NOTICE

Effective December 8, 2022 CenturyTel of Missouri, LLC. d/b/a CenturyLink received Secretary of State authorization for a corporate name change to Brightspeed of Missouri, LLC. Effective February 16, 2023 Brightspeed of 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 CenturyTel of Missouri, LLC. d/b/a CenturyLink prior to February 16, 2023.

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Gary Kepley
Director - Regulatory Operations

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Director - Regulatory Operations
Overland Park, Kansas

1. <u>APPLICATION OF TARIFF</u> (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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Chantel Mosby
Director, Tariffs and Compliance
Monroe, Louisiana

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Jeffrey Glover Vice President External Relations Monroe, Louisiana Effective: September 1, 2002
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Director - Regulatory Operations
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Director - Regulatory Operations
Overland Park, Kansas

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P.S.C. MO. No. 2 Title Sheet (N) 1st Revised Title Sheet 1 Cancels Original Title Sheet 1

FACILITIES FOR INTRASTATE ACCESS

Regulations, Rates and Charges Applicable to

Facilities for Intrastate Access, Ancillary and Miscellaneous Services

provided by

CenturyTel of Missouri, 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

2nd Revised Sheet 1 Cancels 1st Revised Sheet 1

CONCURRING CARRIERS

CenturyTel of Central Missouri

(C)

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

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Original Sheet 1.1

(M)

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

dBrnCO - 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

January 18, 2012

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Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

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

GTOC - Operating Telephone Companies of GTE Corporation

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)

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

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

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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

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

TFC - Toll Free Code

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

ISSUED: May 1, 2013 EFFECTIVE: July 2, 2013

(N)

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FACILITIES FOR INTRASTATE ACCESS

REFERENCE TO OTHER TARIFFS

RECTO JUL 15 2002

Whenever reference is made in this tariff to other tariffs of Century Tel of Missouri, LLC., the reference is to the tariffs in force as of the effective date of this tariff to other tariffs of Century Tel of Missouri, LLC., the reference is to the tariffs in force as of the effective date of this tariff to other tariffs of Century Tel of Missouri, LLC. and successive issues thereot.

REFERENCE TO TECHNICAL PUBLICATIONS

- NECA Technical Reference Publication AS No. 1 Issued March, 1984; entire issue (1) Addendum - Issued March, 1987
- 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 (2)
- (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;
- (2) GTE Service Corporation Telephone Operations - Traffic Grade of Service Standards, Issued April, 1985; entire issue
- 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
- Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines -(4)
- NCS Manual 3-1-1 "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual", dated July 9, 1990. (6)
- (6) NCS Handbook 3-1-2 "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook", idated July 9, 1990.

REFERENCE TO NECA TARIFFS

NECA Tariff FCC No. 4 (1)

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

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RECD JUL 15 2002

APPLICATION OF TARIFF

1.1 This tariff contains regulations, rates and charges applicable to Carrier Commen Vine Switcht recression and Special Access or, in combination, as Facilities for Intrastate Access, hereinafter referred to as FIA, provided by CenturyTel of Missouri, 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 CenturyTel of Missouri, LLC

Alton Ashland Augusta Ava Belle Bland Blue Eve Bourban Bradleyville Branson Branson West Buffalo Cabool Cape Fair Cassville Caulfield Cedar Creek Centralia Chamois Clark Columbia Conway Crane Cross Timbers Cuba Dardenne/Lake St Louis Defiance Dora Elkland

Foristell Forsyth Gainesville Galena Hallsville Hawk Point Hermann Hermitage High Hill Highlandville Holstein Hurley Jamestown **Jenkins** Jonesburg Kimberling City Koshkonong Leasburg Louisburg Mansfield Mano Marshfield Marthasville Morrison Moscow Mills Mount Sterling Mtn. View New Melle Niangua O'Fallon Old Monroe Ozark Pittsburg

Preston Protem Reeds Spring Rocheport Rockaway Beach Safe St. James St. Peters Seymour Shell Knob Sparta Sturgeon Summersville Thayer Theodosia Thomasville Troy Truxton Urbana Vichy Warrenton Washburn Wasola Wentzville West Plains Wheatland Willow Springs

Winfield

Wooldridge

Wright City

Prairie Home

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Exeter

Foley

Fordland

Effective: September 1, 2002

Jeffrey Glover Vice President External Relations Monroe, Louisiana

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1. APPLICATION OF TARIFF (Cont'd)

REC'D JUL 15 2002

- 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-Hythe Commission, 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)
- The regulations and rates contained in Section 5, Special Access, apply to Intrastate InterLATA facilities only. Regulations and rates for dedicated Intrastate IntraLATA facilities are in P.S.C. Mo. No. 5, Private Line Service Tariff.

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REC'D JUL 15 2002

2. GENERAL REGULATIONS

2.1 <u>Undertaking of the Telephone Company</u>

Service Commission

2.1.1 <u>Scope</u>

- (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 <u>Limitations</u>

- (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 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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2. REGULATIONS (Cont'd)

Service Commission

- 2.1 <u>Undertaking of the Telephone Company</u> (Cont'd)
 - 2.1.2 <u>Limitations</u> (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 hamiless 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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GENERAL REGULATIONS (Contd)

Service Commission

2.1 <u>Undertaking of the Telephone Company</u> (Cont'd)

2.1.3 <u>Liability</u> (Cont'd)

- (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.

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2. GENERAL REGULATIONS (Cont'd)

2.1 <u>Undertaking of the Telephone Company</u> (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 <u>Discontinuance and Refusal of FIA</u>

- (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.
- (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
Monroe, Louisiana

Missouri Public

REC'D JUL 15 2002

GENERAL REGULATIONS (Cont'd)

2.1 <u>Undertaking of the Telephone Company</u> (Cont'd)

Service Commission

2.1.9 <u>Preemption of FIA</u>

In certain instances, i.e., when spare facilities and/or equipment 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 <u>Limitation of Use of Metallic Facilities</u>

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.

Missouri Public

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Vice President External Relations Monroe, Louisiana

Jeffrey Glover

Missouri Public

REC'D JUL 15 2002

GENERAL REGULATIONS (Cont'd)

Service Commission

- 2.2 <u>Use</u>
 - 2.2.1 (Reserved for Future Use)
 - 2.2.2 <u>Interference or Impairment</u>
 - (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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Jeffrey Glover Vice President External Relations Monroe, Louisiana

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Missouri Public

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2. GENERAL REGULATIONS (Contd)

2.3 Obligation of the Customer

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 tiable 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 <u>Theft</u>

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 <u>Availability for Testing</u>

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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Service Commission

2. <u>GENERAL REGULATIONS</u> (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)

(M) Material moved to Original Sheet 15.1.

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January 18, 2012

EFFECTIVE: January 18, 2011

Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

Original Sheet 15.1

FACILITIES FOR INTRASTATE ACCESS

2. <u>GENERAL REGULATIONS</u> (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.

ISSUED: December 19, 2011

January 18, 2012

EFFECTIVE: January 18, 2011
Gary Kepley

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.

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 VolP Usage factor, originating VoIP-PSTN Traffic will be compensated as follows:

- 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.

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

ISSUED: June 13, 2012

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2. <u>GENERAL REGULATIONS</u> (Cont'd)

- 2.3 Obligation of the Customer (Cont'd)
 - 2.3.13 Identification and Rating of VoIP-PSTN Traffic (Cont'd)
 - VoIP-PSTN Traffic and associated facilities identified in accordance with this (B) (M) (C) tariff section will be billed at rates equal to the Telephone Company's applicable tariffed interstate switched access rate as specified in Sections 15 and 16 when applicable based on the schedule shown above. (C) Calculation and Application of Percent VoIP Usage Factors The Telephone Company will determine the number of VoIP-PSTN Traffic (T)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) (2) The Telephone Company will use state average data and the customer (N) provided Facility PVU to determine the monthly recurring credit for terminating VoIP-PSTN Traffic. (N) (M1) (T) (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. (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.

- (M) Material moved from Original Sheet 15.2 of this section.
- (M1) Material moved from Original Sheet 15.3 of this section.

(M1)

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FACILITIES FOR INTRASTATE ACCESS

2. <u>GENERAL REGULATIONS</u> (Cont'd)

- 2.3 Obligation of the Customer (Cont'd)
- 2.3.13 Identification and Rating of VoIP-PSTN Traffic (Cont'd) (T) (C) Calculation and Application of Percent VolP Usage Factors (Cont'd) (M) (5) The customer will calculate and furnish to the Telephone Company a Facility (N) 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) (6)The customer shall not modify their reported PIU factor to account for VoIP-(T) PSTN traffic. (7) The customer provided originating PVU, the terminating PVU and the Facility (T) 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. (8)The customer shall retain the call detail, work papers and information used to (T) develop the PVU factors for a minimum of one year. (9)If the customer does not furnish the Telephone Company with a PVU factor, (T) the Telephone Company will utilize a PVU equal to zero.

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

ISSUED: June 13, 2012 EFFECTIVE: July 13, 2012

Original Sheet 15.4

FACILITIES FOR INTRASTATE ACCESS

2. <u>GENERAL REGULATIONS</u> (Cont'd)

(N)

2.3 Obligation of the Customer (Cont'd)

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

(D) <u>Initial Implementation of PVU Factors</u>

- (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

ISSUED: December 19, 2011

(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)

January 18, 2012

EFFECTIVE: January 18, 2011

2.	<u>GENERAL</u>	REGUL	ATIONS	(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.
 - (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.
 - (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)

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(T)

2. GENERAL REGULATIONS (Cont'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.

A deposit may not exceed the actual or estimated rates and charges for the FIA for a two month period. The fact that a deposit has been made in no way relieves the customer from complying with the Telephone Company's regulations as to the prompt payment of bills.

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)(a) or (D)(2)(b), whichever is lower.

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 credited 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.

(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.

(C)

(C)

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17-01A Garv Keplev

EFFECTIVE: April 1, 2017

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

- 2.4 Payment Arrangements and Credit Allowances (Cont'd)
 - 2.4.1 Payment of Charges and Deposits (Cont'd)
 - The Telephone Company shall bill FIA services on a current basis for (a) all (C) 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) paper format, 2) electronic data transfer, or 3) on-line bill image. 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) Material previously found on this sheet moved to Original Sheet 17.1.

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17-01A

Director, Regulatory Operations New Century, Kansas

Gary Kepley

EFFECTIVE: April 1, 2017

(M)

2. <u>GENERAL REGULATIONS</u> (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 (M) 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.
 - (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:
 - 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:

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

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Gary Kepley Director, Regulatory Operations New Century, Kansas

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Missouri Public

GENERAL REGULATIONS (Cont'd)

REC'D JUL 15 2002

2.4 Payment Arrangements and Credit Allowances (Cont'd)

Service Commission

2.4.1 Payment of Charges and Deposits (Cont'd)

- (D) (Cont'd)
 - (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
 peyments withheld pending settlement of the dispute shall be subject to the fate 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 treen 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 Eing.
- (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 of the minimum period charges.
- (D) (Reserved for Future Use)

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Service Commission

ISSUED: May 1, 2012

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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.
- (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.

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2. GENERAL REGULATIONS (Cont'd)

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2,4 Payment Arrangements and Credit Allowances (Cont'd)

Service Commission

2.4.4 Credit Allowance for FIA Interruptions (Cont'd)

- General (Cont'd) (A)
 - For Switched Access service, billed using assumed minutes of use, a credit allowance will be (3) 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.

When Credit Allowance Does Not Apply (B)

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
- (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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2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

Service Commission

2.4.4 <u>Credit Allowance for FIA Interruptions</u> (Cont'd)

- (B) When Credit Allowance Does Not Apply (Cont'd)
 - (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 determined in accordance with 2.4.4(A).

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GENERAL REGULATIONS (Cont'd)

Service Commission

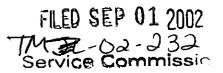
2.5 <u>Connections</u>

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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GENERAL REGULATIONS (Cont'd)

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2.6 <u>Definitions</u>

Certain terms used herein are defined as follows:

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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GENERAL REGULATIONS (Cont'd)

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2.6 <u>Definitions</u> (Cont'd)

Agent

The term "Agent", as used in Section 6 of this tariff, is defined as that person or entity that CenturyTel of Missouri, 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.

Aggregator

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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GENERAL REGULATIONS (Contd)

2.6 <u>Definitions</u> (Confd)

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.

<u>Bit</u>

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 accompaished.

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.

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GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

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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GENERAL REGULATIONS (Cont'd)

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2.6 <u>Definitions</u> (Cont'd)

<u>CCS</u>

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.

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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

(N)

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.

| (N)

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.

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2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (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.

Overland Park, Kansas

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

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Gary Kepley

Director - Regulatory Operations

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Original Sheet 29.1

FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (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.

(N)

Dual Tone Multifrequency Address Signaling

(M)

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.

(M)

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

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Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

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2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

End Office Switch

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 disignated discard eligible.

Excess Capacity

The term "Excess Capacity" denotes a quantity of FIA requested by the customer which is greater than that which the Telephono 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), estaticished by the Telophone Company for the administration of communications service in a specified area which usually embraces a city, town or vizage 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.

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2. GENERAL REGULATIONS (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

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 schedula 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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