ADOPTION NOTICE

Access Service

Fidelity Telephone LLC d/b/a Sparklight hereby adopts, ratifies, and makes its own, in every respect as if the same had been originally filed by it, P.S.C. MO No. 6 –Access Service tariff heretofore filed with the Missouri Public Service Commission by Fidelity Telephone Company.

Issued: September 18, 2024 Effective: October 1, 2024

Issued by: Tariff Administrator

210 E. Earll Drive Phoenix, AZ 85012

TARIFF MoPSC No. 6 1st Revised Title Page Cancels Original Title Page

ACCESS SERVICE AND FACILITIES

REGULATIONS, RATES AND CHARGES

Missouri Public Service Commission

RECD DEC 01 1998

Applying to the provision of Access Service Facilities for Connection to Intrastate Communications Facilities for Intrastate Customers within the operating territories of the

FIDELITY TELEPHONE COMPANY¹

in the State of Missouri as provided herein.

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

Missouri Public Sorvice Commission 9 8 **- 4 4 4** FILED DEC 3 1 1998

Issued: December 1, 1998

Issuing Officer:
John Davis
64 North Clark
Sullivan, Missouri 63080

Effective: December 31, 1998

^{1.} Effective December 31, 1998, Bourbeuse Telephone Company and Fidelity Telephone Company merged, with Fidelity Telephone Company becoming the surviving corporation. Accordingly, this tariff applies to intrastate access services provided in all exchanges served by Fidelity Telephone Company, including the exchange previously served by Bourbeuse Telephone Company.

P.S.C. MO. NO. 6 8th Revised Page 1 Cancels 7th Revised Page 1

ACCESS SERVICE

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(D) (D)

Issued: May 2, 2012

Dave Beier Vice President – Regulatory 64 N. Clark Sullivan, MO 63080 Effective: July 1, 2012 July 3, 2012

P.S.C. MO, NO, 6 8th Revised Page 1.1 Cancels 7th Revised Page 1.1

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July 3, 2012

P.S.C. MO. NO. 6 1st Revised Page 1.2 Cancels Original Page 1.2

ACCESS SERVICE

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(D) (D)

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July 3, 2012

TARIFF MoPSC No. 6

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Missouri Public Service Commission

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Terry E. Troughton, Vice Pres. 64 N. Clark Sullivan, MO 63080

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64 North Clark
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July 3, 2012

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Sullivan, Missouri 63080

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President Effective Date: July 22, 1999 64 North Clark Sullivan, Missouri 63080 FIDELITY TELEPHONE COMPANY and BOURBEUSE TELEPHONE COMPANY

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EXPLANATION OF SYMBOLS

(C) - To signify a changed regulation

(B) - To signify a discontinued rate or regulation

(I) - To signify an increase

(N) - To signify a new rate or regulation

(R) - To signify a reduction

(S) - To signify a reissued matter

{T} - To signify a change in text, but no change in rate or regulation

EXPLANATION OF ABBREVIATIONS

ac - alternating current

ANI - Automatic Number Identification

AULP - Annual Underutilization Liability Per Pair

AP - Program Audio

AT&T - American Telephone and Telegraph

CCSA - Common Control Switching Arrangement(s)
CLLI - Common Language Location Identification

CNCC - Eustomer Network Control Center

Cont'd - Continued

CSACC - Customer Service Administration Control Center

DA - Digital Data Access

db - decibel

dBrnCo - Decibel Reference Noise C-Message Weighted O

dc - direct current

EPSCS - Enhanced Private Switched Communications' Service

ESS - Electronic Switching System

ESSX - Electronic Switching System Exchange

f - frequency

F.C.C - Federal Communications Commission

FX - Foreign Exchange HC - High Capacity

Hz - Hertz

IC - Intrastate Customer
ICB - Individual Case Basis
ILP - Initial Liability Period

Kbps - Kilobits per second

kHz - Kilchertz

LATA - Local Access and Transport Area

LDMTS - Long Distance Message Telecommunications Service

BHMC - Busy Hour Minutes of Capacity

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EXPLANATION OF ABBREVIATIONS

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- milliamperes Ħа

- Hegabits per second Mbps

MHz - Megahertz

NO PSC - Missouri Public Service Commission

MOU - Minutes of Use

HRC - Monthly Recurring Charge

HTL - Maximum Termination Liability

NB - Narrowband

NPA - Numbering Plan Area NRC - Nonrecurring Charge - Non-Traffic Sensitive HTS

NXX - Three Digit Central Office Code

PBX - Private Branch Exchange PCM - Pulse Code Modulation - Private Line Ringdown PLR

REDC - Regional Bell Operating Company

RC - Rate Category - root-mean-square r a s

SSN - Switched Service Network

- Serving Wire Center SMC

TES - Telephone Exchange Service(s)

- Television TV ٧G - Voice Grade

V & H - Vertical & Horizontal

- Wideband Analog HA

- Wide Area Telecommunications Service(s) WATS

- Wire Center Horizontal MXH MCV - Wire Center Vertical ЯD - Wideband Digital

REFERENCE TO OTHER TARIFFS

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

FIDELITY TELEPHONE COMPANY and BOURBEUSE TELEPHONE COMPANY

TARIFF MoPSC ND. 6 Original Page 13.1

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ACCESS SERVICE AND FACILITIES

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REFERENCE TO TECHNICAL PUBLICATIONS

MISSUUKI Service Commission

The following technical publications are referenced in Milisio Service Commission be obtained from the United States Printing Office, Superintendent of Documents, Washington, D.C. 20402.

REA transmissions objectives Section 415, Issue No., 4, May 1973.

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FIDELITY TELEPHONE COMPANY and BOURBEUSE TELEPHONE COMPANY

TARIFF MOPSC NO. 6 1st Revised Page 14 Cancels Original Page RECEIVED

ACCESS SERVICE AND FACILITIES

MAY 2 1988

1. APPLICATION OF TARIFF

MISSOURI

- This tariff contains regulations, rates and charges applicable vice Commission 1.1 to the provision of Switched Access Services, Special Access Services, Carrier Common Line, and other miscellaneous services and facilities, hereinafter referred to collectively as service(s), or facility(s), provided by the Fidelity Telephone Company and the Bourbeuse Telephone Company, hereinafter referred to as the Telephone Company, to customers.
- (N) 1.2 Local Exchange Carriers (LEC's) subject to this tariff are also subject to terms and conditions of the Conceptual Framework, Missouri Intrastate, IntraLATA Primary Carrier By Toll Center Plan filed in Case No. TO-84-222 et al., as modified and approved by the Missouri Public Service Commission. (N)

FILED

JUL 1 1983 84-222 stal.
Public Service Commission

Issued: 5/2/88

Issuing Officer:

Effective: 7/1/88

Terry E. Troughton, Vice Pres.

64 N. Clark

Sullivan, MO 63080

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Public Service Commune to

2. GENERAL RESULATIONS

2.1 Undertaking of the Telephone Company

2.1.1 <u>Scope</u>

- (A) The Telephone Company shall be responsible only for the installation, operation and maintenance of its facilities. The Telephone Company shall be responsible only for the installation, operation and maintenance of the services which it provides.
- (B) The Telephone Company will, for maintenance purposes, test its facilities only to the extent necessary to detect and/or clear troubles.
- (C) Services and facilities are provided 24 hours daily, seven days per week, except as set forth in other applicable services following for temporary suspension of service.

2.1.2 Limitations

- (A) The customer may not assign or transfer the use of facilities provided under this tariff without the prior written notification to the Telephone Company, provided the assignee or transferee assumes all outstanding indebtedness for such services. The Telephone Company will require an appropriate deposit of the assignee.
- (B) The use and restoration of services shall be in accordance with part 64, Subpart D, Appendix A, of the Federal Communications Commission's Rules and Regulations, which specifies the priority system for such activities.



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2. GENERAL REGULATIONS

OCT 10 1988

2.1 Undertaking of the Telephone Company

MISSOURI Public Sarrica Co......

2.1.2 <u>Limitations</u>(Cont'd)

(E) Subject to compliance with the rules mentioned in (B) preceding, services and facilities offered herein will be provided to customers on a first come first served basis.

2.1.3 Liability

- (A) The Telephone Company's liability, if any, for its willful misconduct is not limited by this tariff. With respect to any other claim or suit, by a customer or by any others, for damages associated with the installation, provision, termination, maintenance, repair or restoration of service, and subject to the provisions of (B) through (G) following, the Telephone Company's liability except as set forth in 8.1.3. following, if any, shall not exceed an amount equal to the proportionate charge for the service for the period during which the service 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 Service 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) The Telephone Company is not liable for damages to the customer's premises resulting from the furnishing of a service or facility including the installation and removal of equipment and associated wiring.
- (D) The Telephone Company shall be indemnified, defended and held harmless by the end user against any claim, loss or damage arising from the end user's use of services and facilities, offered under this tariff, involving:

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2. SENERAL REGULATIONS

2.1 Undertaking of the Telephone Company

2.1.3 Liability(Cont'd)

(D) (Cont'd)

- (1) Claims for libel, slander, invasion or privacy, or infringement of copyright arising from the end user's own communications;
- (2) Claims for patent infringement arising from the end user's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;
- (3) All other claims arising out of any act or omission of the end user in the course of using services provided pursuant to this tariff.
- (E) The Telephone Company shall be indemnified, defended and held harmless by the IC against any claim, loss or damage arising from the IC's use of services and facilities offered under this tariff involving;
 - Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the IC's own communications;
 - (2) Claims for patent infringement arising from the IC's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;
 - (3) All other claims arising out of any act or omission of the IC in the course of using services provided pursuant to this tariff.

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JAN 1 1987

Public Service Commission

Issued: November 3, 1986

Issuing Officer:

Effective: January 1, 1987

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2. GENERAL REGULATIONS

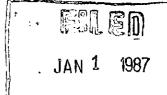
2.1 Undertaking of the Telephone Company

2.1.3 Liability (Cont'd)

- (F) The Telephone Company does not guarantee or make any warranty with respect to its services 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 such customer's use of services or facilities so provided.
- (6) The Telephone Company's failure to provide or maintain services and facilities 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 Credit Allowance for a Service Interruption as set forth in 2.4.4 following.

2.1.4 Provision of Service and Facilities

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



2. GENERAL REGULATIONS

2.1 Undertaking of the Telephone Company

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OCT 10 1988

2.1.5 <u>Installation and Termination of Services and Facilities</u>

The services provided under this tariff (A) will include any content and entrance cable or drop wiring to that point where provision is made for termination of the Telephone Company's outside distribution network facilities at a suitable location at a customer-designated premises and (B) will be installed by the Telephone Company to such Point of Termination. Wire required within a building to extend Access Service facilities will be provided, at the customer's request, on a time sensitive charge basis.

2.1.6 Maintenance of Services and Facilities

The services and facilities 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 facilities 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.

2.1.7 Changes and Substitutions

Except as provided for equipment and systems subject to F.C.C. Part 68 regulations at 47 C.F.R.\$ 68.110b the Telephone Company may, where such action is reasonably required in the operation of its business, (A) substitute, change or rearrange any facilities used in providing service under this tariff, including but not limited to, (1) substitution of different metallic facilities, (2) substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities and (3) substitution of metallic facilities for carrier or derived facilities used to provide other than metallic facilities, (B) change minimum protection criteria, (C) change operating or maintenance characteristics of facilities or (D) change operation or procedures of the Telephone Company. In case of any such substitution, change or rearrangement, the transmission parameters will be within the range of existing facilities. 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 of the facility, the Telephone Company will provide reasonable. notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required byΔthe chappe in operating characteristics. The Telephone Company will work cooperatively with the customer to determine reasonable notification Public Service Commission. procedures.

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2. <u>GENERAL REGULATIONS</u>

2.1 Undertaking of the Telephone Company

2.1.8 Discontinuance and Refusal of Services

(A) Unless the provisions of 2.2.2(B) following apply, if the customer fails to comply with 2.1.6 preceding or 2.2.3, 2.3.1, 2.3.6, 2.3.7 or 2.4 following, including any payments to be made by it on the dates and times herein specified, the Telephone Company may, on thirty (30) days written notice by Certified U.S. Mail to the person designated by the customer to receive such notices of noncompliance, refuse additional applications for service and/or refuse to complete any pending orders for service by the non-complying customer at any time thereafter.

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

(B) Unless the provisions of 2.2.2(B) following apply, if the customer fails to comply with 2.1.6 preceding or 2.2.3, 2.3.1, 2.3.6, 2.3.7 or 2.4 following, including any payments to be made by it on the dates and times herein specified, the Telephone Company may, on thirty (30) days written notice by Certified U.S. Mail to the person designated by the customer to receive such notices of non-compliance, discontinue the provision of the services involved at any time thereafter. In the case of such discontinuance, all applicable charges, including termination charges, shall become due. If the Telephone Company does not discontinue the provision of the services involved on the date specified in thirty (30) days notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to discontinue the provision of the services to the non-complying customer without further notice.

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FIDELITY TELEPHONE COMPANY and BOURBEUSE TELEPHONE COMPANY

TARIFF MOPSC NO. 6 1st Revised Page 20 Cancels Original Page 20

ACCESS SERVICE AND FACILITIES

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2. GENERAL REGULATIONS

MAY 2 1988

2.1 Undertaking of the Telephone Company

MISSOURI

(N)

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Public Service Commission

2.1.9 Points of Interconnection

The Telephone Company will not change Primary Toll Carrier/Secondary Carrier points of interconnection with another LEC without the mutual agreement of both LEC's, unless ordered by the Commission.

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JUL 1 1988 84-222et al. Public Service Commission

Issued: 5/2/88

Issuing Officer: Terry E. Troughton, Vice Pres. 64 N. Clark Sullivan, MO 63080 Effective: 7/1/88

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2. GENERAL REGULATIONS

OCT 1 0 1986

2.1 Undertaking of the Telephone Company

MISSOURI
Public Service Counties on

2.1.10 Notification of Service-Affecting Activities

The Telephone Company will work in cooperation with the customer relative to individual service-affecting activities. Activities that do not affect specific individual customer service do not require notification.

2.1.11 Coordination with Respect to Network Contingencies

The Telephone Company intends to work cooperatively with the customer to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

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2. GENERAL REGULATIONS

2.2 Use

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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 facilities utilized to provide " " services under this tariff shall not interfere with or impair service over any facilities of the Telephone Company, its affiliated companies, or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public.
- (B) Except as provided for equipment or systems subject to the F.C.C. Part 68 rules in 47 C.F.R. \$ 68.108 if such characteristics or methods of operation are not in accordance with (A) preceding, the Telephone Company will, where practicable, notify the customer that temporary discontinuance of the use of a service may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Telephone Company's right to temporarily discontinue forthwith the use of a service if such action is reasonable under the circumstances. In case of such temporary discontinuance, the customer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, credit allowance for service interruptions as set forth in 2.4.4 following is not applicable.

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2. GENERAL RESULATIONS

2.2 <u>Use</u> (Cont'd)

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2.2.3 Unlawful Use

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The service provided under this tariff shall not be used Santa not in unlawful purpose.

2.3 Obligations of the Customer

2.3.1 Damages and/or Theft

The customer shall reimburse the Telephone Company for damages to and/or theft of Telephone Company facilities utilized to provide services 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 reimbursements for damages and/or theft, cooperate with the customer in prosecuting a claim against the person causing such damage and/or theft and the customer shall be subrogated to the right of recovery by the Telephone Company for the damages and/or theft to the extent of such payment.

2.3.2 Reserved for Future Use

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 services under this tariff at the points of termination of such services. The selection of ac or dc power shall be mutually agreed to by the customer and the 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, testing, repairing or removing Telephone Company Services.

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2. GENERAL REGULATIONS

2.3 Obligations of the Customer

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- 2.3.4 Reserved for Future Use
- 2.3.5 Reserved for Future Use
- 2.3.6 Availability for Testing

The services and facilities 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 services 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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2. GENERAL REGULATIONS

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2.3 <u>Obligations of the Customer</u>

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2.3.7 Balance

All signals for transmission over the facilities provided under this tariff shall be delivered by the customer, balanced to ground except for ground start, duplex (DX) and 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 preceding, the customer shall be solely responsible, at its own expense, for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations or procedures of the Telephone Company, minimum protection criteria or operating or maintenance characteristics of the facilities.

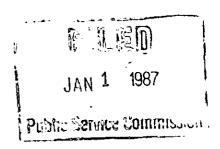
2.3.9 Reference to The Telephone Company

The customer shall not represent that the Telephone Company jointly participates in the customer's services.

2.3.10 Reserved for Future Use

2.3,11 Claims and Demands for Damages

(A) With respect to claims of patent infringement made by third persons, the customer shall defend, indemnify, protect and save harmless the Telephone Company from and against all claims arising out of the combining with, or use in connection with, the services provided under this tariff, any circuit, apparatus, system or method provided by the customer.



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2. GENERAL RESULATIONS

2.3 Obligations of the Customer

2.3.11 Claims and Demands for Damages (Cont'd)

(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 services, 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 services 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 if such suits, claims or demands are based on the tortious conduct of the customer, its officers, agents, or employees.

2.3.12 Reserved for Future Use

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ACCESS SERVICE AND FACILITIES

2. GENERAL REGULATIONS (Cont'd)

2.3.13 Coordination With Respect to Network Contingencies

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.

2.3.14 Jurisdictional Report Requirements

(A) Jurisdictional Reports

(1) When a customer orders switched access service for both intrastate and interstate use, the projected interstate percentage of use and intrastate percentage of use must be provided to the Telephone Company.

a. When the Telephone Company receives sufficient call detail to permit it to determine the jurisdiction of some or all originating and terminating access minutes of use, the Telephone Company will use that call detail to render bills for those minutes of use and will not use PIU factor(s) described in (2), below, to determine the jurisdiction of those minutes of use.

When the Telephone Company receives insufficient call detail to determine the jurisdiction of some or all originating and terminating access minutes of use, the Telephone Company will apply the PIU factor(s) provided by the customer or developed by the Telephone Company as set forth in (2) below, only to those minutes of use for which the Telephone Company does not have sufficient call detail.

- b. For all flat rated Switched Access Services, the Telephone Company will apply the PIU factor(s) as provided by the customer or developed by the Telephone Company as set forth in (2), below, each month until the customer provides an update to its PIU factor(s) as described in (2), below.
- (2) Effective on the first of January, April, July and October of each year the customer shall update the interstate and intrastate jurisdictional report. The customer shall forward to the Telephone Company, to be received no later than 15 days after the first of each such month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for intrastate use. The revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. No prorating or back billing will be done based on the report.

If the eustomer does not supply the reports, the Telephone Company will assume the percentages to be the same as those provided in the last quarterly report. For those eases on which a quarterly report has never been received from the customer, the Telephone Company will assume the percentages to be the same as those provided in the order for services as set forth in (1) preceding.

(3) Where the customer utilizes FGA Switched Access Service for calls between a Primary Exchange Carrier within the same Extended Area Service calling area, and/or FGB Switched Access Service for calls between a Primary Exchange Carrier's access tandem and subtending Secondary Exchange Carrier, where the Primary and Secondary Exchange Carriers are not the same Telephone Company, a copy of the revised report will be provided by the customer to each Secondary Exchange Carrier.

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Dave Beier, Vice President - Regulatory 64 N. Clark Sullivan, MO 63080

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TT-2012-0317; YI-2012-0680

July 3, 2012

TARIFF MoPSC NO. 6 1st Revised Page 28 Replaces Original Page 28

2. GENERAL REGULATIONS

2.3 Obligations of the Customer

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- 2.3.14 <u>Jurisdictional Report Requirements</u>
 - (A) Jurisdictional Reports (Cont'd)

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(4) Statistical Sampling

The reports required in (2) above should be based on actual total customer usage data if at all feasible. If that data is not reasonably available, the reports may be based on either statistically valid samples derived by the customer, or on samples from sampling techniques agreed to by the Telephone Company. The allowable statistical parameters associated with the percentages produced from statistical sampling are a 95% confidence level and a +/- five (5) percent precision.

- (5) If the reports in (4) above are not provided, then the following assumptions apply:
 - a. Missouri WATS will be apportioned 53% to Interlata and 47% to Intralata when the customer does not provide actual usage.
 - b. FGA usage will be assigned to Intrastate when the customer does not provide actual usage.
 - c. FGB usage will be assigned to Intrastate when the customer does not provide actual usage.
 - d. FGC usage will be assigned to the appropriate jurisdiction by actual usage.
 - e. FGA & FGB usage when delivered to the Telephone Company over a common trunk group that FGC traffic also is delivered over must be reported by the exchange carrier at the first point of switching to the Telephone Company.
- (6) The Telephone Company retains the right to employ monitoring equipment for the purpose of verification of IXC PIU reporting. The Telephone Company shall treat such information as proprietary in nature and shall maintain its confidentiality.

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Issuing Officer:

Effective: August 21, 1987

Terry E. Troughton, Vice President 64 N. Clark

Sullivan, Missouri 63080

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To -84-223
Public Service Commission

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ACCESS SERVICE AND FACILITIES

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2. GENERAL REGULATIONS (Cont'd)

2.3 Obligations of the Customer (Cont'd)

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2.3.14 Jurisdictional Report Requirements (Cont'd) Public Service Commission

(B) Maintenance of Customer Records

The customer shall maintain and retain for a minimum of one year, complete, detailed and accurate records, workpapers and backup documentation in form and substance to evidence the percentage data provided to the Telephone Company as set forth in (A) preceding. All of the records, workpapers and backup documentation, including the sampling techniques and traffic data underlying samples, if used, shall be made available during normal business hours, at a location named in the report, upon reasonable request by the Telehone Company is order to permit a review by a Telephone Company auditor, an outside auditor under contract to the Telephone Company, or an auditor of a federal or state regulatory commission. The Telephone Company may in its discretion accept the results of a third-party audit submitted by the IXC in lieu of performing its own audit.

2.3.15 Determination of Mixed Interstate and Intrastate Access Service

When mixed interstate and intrastate, intraLATA and interLATA charges (i.e., nonrecurring, monthly and/or usage) including optional features charges, will be prorated between the jurisdictions. The percentage provided in the reports as set forth in 2.3.14(A) preceding, will serve as the basis for prorating the charges. The percentage of Access Service to be charged to the intrastate jurisdictions is applied in the following manner:

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(A) For monthly and nonrecurring chargeable rate elements, multiply the percentages of intrastate use times the quantity of chargeable elements times the stated tariff rate per element.

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Issuing Officer:

Effective: 7/PILED

Terry E. Troughton, Vice Pres. 64 N. Clark Sullivan, MO 63080

JUL 1 1988 84-222 et al. Public Service Commission

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

2.3 Obligations of the Customer (Cont'd)

2.3.15 <u>Determination of Intrastate Charges for Mixed Interstate and Intrastate Access Service</u> (Cont'd)

(B) For usage sensitive (i.e., access minutes and calls) chargeable rate elements, multiply the percentages of intrastate use time actual use (i.e., measured or Telephone Company assumed average use) times the stated tariff rate.

The intrastate percentage will change as revised usage reports are submitted and set forth in 2.3.14 preceding.

2.3.16 <u>Identification and Rating of Intrastate Toll VoIP-PSTN Traffic</u>

VoIP-PSTN Traffic is defined as traffic exchanged between a 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 of Intrastate Toll VoIP-PSTN Traffic that is required to be compensated at interstate access rates, unless the parties have agreed otherwise, by the FCC in its Report and Order in WC Dockets Nos. 10-90, etc., FCC Release No 11-161 (November 18, 2011) (FCC Order), as it may hereafter be amended, clarified or otherwise changed or abrogated by the FCC or a court or a regulatory body of competent jurisdiction. Specifically, this section establishes the method of separating Toll VoIP-PSTN Traffic from the customer's traditional intrastate access traffic, so that Toll VoIP-PSTN Traffic can be billed in accordance with the FCC Order.

Toll VoIP Traffic identified in accordance with the following tariff sections will be billed at rates equal to the Company's applicable tariffed interstate switched access rates.

In the event the FCC Order's requirement that intrastate Toll VoIP-PSTN traffic be billed at interstate rates is reversed by a final order of a court of competent jurisdiction, the Company reserves the right to revise its billings to the customer at intrastate access rates back to January 1, 2012.

- (A) Calculation and Application of Percent-VoIP-Usage Factors
 - (1) The Company will determine the number of Intrastate Toll VoIP-PSTN Traffic minutes of use (MOU) to which interstate rates will be applied by applying an originating PVU factor to the total intrastate access MOU originated by a Company end user and delivered to the Customer and by applying a terminating PVU factor to the total intrastate access MOU terminated by the Customer to the Company.
 - (2) The Customer will calculate and furnish to the Company, along with supporting documentation, an originating PVU factor representing the whole number percentage of the Customer's total originating intrastate access MOU that the Customer receives from the Company and that is terminated in IP format and that would otherwise be billed by the Company as intrastate originating access MOU.
- ¹A terminating PVU factor will not be necessary as long as the Company's intrastate terminating switched access rates are at parity with its interstate terminating switched access rates. (T)

Issued: May 30, 2014 Issuing Officer: Effective: July 1, 2014

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2. General Regulations (Cont'd)

Issued: May 30, 2014

2.3 Obligations of the Customer (Cont'd)

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2.3.16	Ide	ntification and Rating of Intrastate Toll VoIP-PSTN Traffic (Cont'd)			
(A) Cal	Calculation and Application of Percent-VoIP-Usage Factors (Cont'd)			
	(3)	The customer will calculate and furnish to the Company, along with supporting documenting, a terminating PVU factor representing the whole number percentage of the customer's total terminating intrastate access MOU that the customer exchanges with the Company that is sent to the Company and which originated in IP format and that would otherwise be billed by the Company as intrastate access MOU. ¹			
	(4)	At the present time, the Company does not terminate calls to or originate calls from its customers in IP format. At such time as the Company terminates calls to or originate calls from its customers in IP format, it will calculate PVU factors to apply, in conjunction with a customer's terminating and originating PVU factors, to develop the appropriate terminating and originating PVU factors to apply to the customer's terminating and originating intrastate Toll VoIP-PSTN Traffic.	(".		
	(5)	The customer shall not modify its reported PIU factors to account for Toll VoIP-PSTN Traffic.	(7.		
	(6)	The customer provided terminating and originating PVU factors shall be based on relevant and verifiable information such as the number of the customer's retail VoIP subscriptions in the state (e.g. as reported on the FCC Form 477), traffic studies, actual call detail or other relevant and verifiable information which will be provided to the Company upon request. All source detail must be provided along with any summaries.	(T (T		
	(7)	The customer shall retain the call detail, work papers, and information used to develop the PVU factors for a minimum of one year.	T)		
	(8)	If the customer does not furnish the Company with a PVU factors, the Company will utilize a PVU equal to zero.	(T)		
	(9)	If the customer does not supply sufficient supporting documentation, the Company will not accept or apply a customer supplied terminating and originating PVU greater than the applicable State percentage as identified in Paragraph 963 of the FCC Order.	(T		
(B)) Init	ial Implementation of PVU Factors	(7.		
	(1)	If the originating PVU factor cannot be implemented in the Company's billing for Toll VoIP-PSTN traffic delivered on and after July 1, 2014, once the factor can be implemented the Company will adjust the customer's bills retroactive to July 1, 2014, provided that the customer provides the PVU factor to the Company prior to August 15, 2014. Otherwise, the Company will set the initial PVU factor as specified in (A)(8).	T) (T)		
	(2)	In making retroactive adjustments to bills for the originating PVU, the Company may choose to provide credits based on a quarterly basis or such other billing interval as is reasonable in the circumstances.	T)		
_		factor will not be necessary as long as the Company's intrastate terminating switched	(T)		
access rates are	at pai	rity with its interstate terminating switched access rates.	(T		

Effective: July 1, 2014

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ACCESS SERVICE AND FACILITIES

2.	General Regulations	(Cont'd)

Issued: May 30, 2014

- 2.3 <u>Obligations of the Customer</u> (Cont'd)
 - 2.3.16 Identification and Rating of Intrastate Toll VoIP-PSTN Traffic (Cont'd)
 - (C) PVU Factor Updates

The customer may update the terminating and originating PVU factors quarterly using the method set forth in (A) (2) and (A) (3), preceding. If the customer chooses to submit such update, it shall forward to the Company, no later than 15 days after the first day 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 bill date of each such month and shall serve as the basis for subsequent monthly billing until superseded by new PVU factors. No prorating or back billing will be done on the updated PVU factors. ¹

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

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- (2) The Company may dispute the Customer's PVU factor based upon relevant and verifiable information, including, but not limited to, the following:
 - A review of the requested data and information provided by the customer.
 - The Company's reasonable review of other market information, FCC reports on VoIP lines, such as FCC Form 477 or state level results based on the FCC Local Competition Report or other relevant data.
 - 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 Company agree to establish a revised PVU factor, the Company will begin using the revised PVU factor with the next bill period.

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¹A terminating PVU factor will not be necessary as long as the Company's intrastate terminating switched access rates are at parity with its interstate terminating switched access rates.

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Effective: July 1, 2014

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ACCESS SERVICE AND FACILITIES

2. <u>General Regulations</u> (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.16 <u>Identification and Rating of Intrastate Toll VoIP-PSTN Traffic</u> (Cont'd)

(D) PVU Factor Verification (Cont'd)

- (4) If the dispute is unresolved, the Company may initiate an audit. The 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.
 - In the event that the customer fails to provide adequate records to enable the Company or an independent auditor to conduct an audit verifying the customer's PVU factor, the Company will bill the usage for all contested periods using the most recent undisputed PVU factor reported by the customer. These PVU factor will remain in effect until the audit can be completed.
 - During the audit, the most recent undisputed PVU factor from the previous reporting period will be used by the Company. (T)
 - The Company will adjust the customer's PVU factor based on the results of the audit and implement the revised PVU in the next billing period or quarterly report date, whichever is first. The revised PVU factor will apply for the next two quarters before a new factor can be submitted by the customer.
 - If the audit supports the customer's PVU factor, the usage for the contested periods will be adjusted to reflect the customer's audited PVU factor. (T)

(E) Rate Categories

Issued: May 30, 2014

(1) End Office

The End Office rate category establishes the charges related to the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching and Information Surcharge rate elements.

2. <u>General Regulations</u> (Cont'd)

- 2.3 Obligations of the Customer (Cont'd)
 - 2.3.16 Identification and Rating of Intrastate Toll VoIP-PSTN Traffic (Cont'd)
 - (E) Rate Categories (Cont'd)
 - (1) End Office (Cont'd)
 - (a) Local Switching

The Local Switching rate element establishes the charges related to the use of end office switching equipment, the termination in the end office of end user lines, the terminations of calls at Telephone Company Intercept Operators or recordings, the STP costs, and the SS7 signaling function between the end office and the Signaling Transfer Point.

(b) Information Surcharge

Information Surcharge rates are assessed to a customer based on the total number of access minutes.

(2) Billing of Transport for Toll VoIP-PSTN Traffic

The Toll VoIP-PSTN Traffic Tandem Switched Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission circuit equipment, between the end point of interoffice circuits. The Toll VoIP-PSTN Traffic Tandem Switched Facility rate is applied on a per access minute per mile basis for all terminating and originating minutes of use routed over the facility.

The Toll VoIP-PSTN Traffic Tandem Switched Termination rate recovers a portion of the costs of the circuit equipment necessary for the termination of each end of each measured segment of the Toll VoIP-PSTN Traffic Tandem Switched Facility. The Toll VoIP-PSTN traffic Tandem Switched Termination rate is applied on a per access minute basis (for all terminating and originating minutes of use routed over the facility) at each end of each measured segment of the Toll VoIP-PSTN Traffic Tandem Switched Facility (e.g. at the end office, Feature group A dial tone office, host office and the access tandem). When the Toll VoIP-PSTN Traffic Tandem Switched Facility mileage is zero, neither the Toll VoIP-PSTN Traffic Tandem Switched Facility rate nor the Toll VoIP-PSTN Traffic Tandem Switched Termination rate will apply.

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Issuing Officer:

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64 North Clark

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2. <u>General Regulations</u> (Cont'd)

2.4 Payment Arrangements and Credit Allowances

2.4.1. Payment of Rates, Charges and Deposits

- (A) The Telephone Company will, in order to safeguard its interests, only 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 a service 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 to a customer which is a successor of a company which has established credit and has no history of late payments to the Telephone Company. Such deposit may not exceed the actual or estimated rates and charges for the service 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 deposit is terminated, the amount of the deposit will be credited to the account when the customer has established credit or after the customer has established a one-year prompt payment record at any time prior to other termination of the provision of the service to the customer. In case of a cash deposit, for the period the deposit is interest at the rate of 1% per month. The rate will be computed as simple interest 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) The Telephone Company shall bill on a current basis all charges incurred by and credits due to the customer under this tariff attributable to services established or discontinued during the preceding billing period. In addition, the Telephone Company shall bill in advance charges for all services to be provided during the ensuing billing period except for services billed under this tariff to the Federal Government. Charges associated with service usage for flat rate charges which are transitional surrogates for usage which will be billed in arrears. Such bills are due when rendered. Adjustments for the quantities of services established or discontinued in any billing period beyond the minimum period set forth for services in other sections of this tariff will be prorated to the number of days or major fraction of days based on a 30-day month. The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.
- (C) All commercial account bills are due when rendered and are considered past due fifteen (15) days after the bill date. If the bill is not paid by this time, a delinquent notice will be sent to the customer.
 - (1) If the entire amount billed, excluding any amount disputed by the customer, is not received by the Telephone Company within thirty (30) days after the bill date, an additional charge equal to 1.0% of the unpaid balance will be applied for each month or portion thereof that an outstanding balance remains.
 - (2) In the event that a billing dispute concerning any charges billed to the customer by the Telephone Company is resolved in favor of the Telephone Company, any payments withheld pending settlement of the dispute shall be subject to the late payment penalty set forth in (1) preceding. If the customer disputes the bill on or before the payment date, and pays the undisputed amount on or before the payment date, any late payment charge

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Issued: February 22, 2012

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Issuing Officer: Dave Beier, Vice President - Regulatory 64 North Clark Sullivan, Missouri 63080

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2. GENERAL REGULATIONS

2.4 Payment Arrangements and Credit Allowances

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

- (C) (Cont'd)
 - (2) (Cont'd)

for the disputed amount will not start until 10 days after the payment date. If the billing dispute is resolved in favor of the customer, no late payment penalty will apply to the disputed amount. In addition, if the customer disputes the billed amount and pays the total amount (i.e., the nondisputed amount and the disputed amount) on or before the payment date and the billing dispute is resolved in the favor of the customer, the customer will receive a credit for a disputed amount penalty from the Telephone Company if the billing dispute is not resolved within 10 working days following the payment date or the date the customer furnished to the Telephone Company documentation to support its claim plus 10 working days, whichever date is the later date. The disputed amount penalty shall be the disputed amount resolved in the customer's favor times a penalty factor. The penalty factor is as set forth in (1) preceding.

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ACCESS SERVICE AND FACILITIES

2. GENERAL REGULATIONS

2.4 Payment Arrangements and Credit Allowances

2.4.2 Minimum Periods

The minimum periods for which services and facilities are provided, and for which rates and charges are applicable is one month, except for those services set forth in $\theta.2.1(E)(2)$, following.

The minimum period for which service is provided and for which rates and charges are applicable for a Specialized Service or Arrangement provided on an individual case basis, and as set forth in 12. following, is one month unless a different minimum period is established with the individual case filing.

When a service is discontinued prior to the expiration of the minimum period, charges are applicable, whether the service is used or not, as follows: (A) When a service with a one month minimum period, a one month charge will apply at the rate level in effect at the time the service is discontinued, or (B) When a service with a minimum period greater than one month is discontinued prior to the expiration of the minimum period, the applicable charge will be the lesser of (1) the Telephone Company's total nonrecoverable costs less the net salvage value for the discontinued service or (2) the total monthly charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period.

2.4.3 Cancellation of an Order for Service

Provisions for the cancellation of an order for service are set forth in other applicable sections of this tariff.

2.4.4 Credit Allowance for Service Interruptions

(A) Ge<u>neral</u>

A service is interrupted when it becomes unuseable to the customer because of a failure of a facility component used to

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ACCESS SERVICE AND FACILITIES

2. GENERAL REGULATIONS

2.4 Payment Arrangements and Credit Allowances

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2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(A) General (Cont'd)

furnish service under this tariff. An interruption period starts when the Telephone Company becomes aware of the inoperative service, and ends when the service is operative.

For calculating credit allowances, each month is considered to have 30 days, and 720 hours. Credit allowances will be calculated at the rate of 1/720 of the monthly charge for each hour the service is inoperative in excess of the minimum period as set forth in (E) following.

> JAN 1 Public Service Commission

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ACCESS SERVICE AND FACILITIES

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2. GENERAL REGULATIONS

2.4 Payment Arrangements and Credit Allowances

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(B) When 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 service due to the failure of equipment or systems provided by the customer.
- (3) Interruptions of a facility during any period in which the Telephone Company is not afforded access to the premises where the facility is terminated.
- (4) Interruptions of a service which continue because of the failure of the customer to authorize replacement of any element of special construction. The period for which no credit allowance is made begins on the seventh day after the customer receives the Telephone Company's written notification of the need for such replacement and ends on the day after receipt of the customer's written authorization for such replacement.
- (5) Periods when the customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.
- (6) An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.

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2. GENERAL REGULATIONS

2.4 Payment Arrangements and Credit Allowances

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(C) Use of An Alternative Facility Provided by the Telephone Company

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

(D) Temporary Surrender of a Service

In certain instances, the customer may be requested to surrender a service for purposes other than maintenance, testing or activity relating to a service order. If the customer consents, a credit allowance will be granted, based on the length of time in one hour increments of the Telephone Company Tariffed amounts for the facility involved.

(E) When a Credit Applies

When a service or facility is inoperative, allowance for the period of interruption, if not due to the negligence of the customer, shall be as follows:

- (1) For service offerings that must operate at a time certain program audios and video, full credit for the time of inoperation will be allowed.
- (2) For service offerings that provide dedicated facilities, credit per hour in excess of two hours of inoperation will be allowed.
- (3) For service offerings that provide common facilities, credit per hour in excess of twenty-four hours of inoperation will be allowed.

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2. GENERAL REGULATIONS

2.4 Payment Arrangements and Credit Allowances

2.4.5 Access Services Provided By More Than One Telephone Company

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When an Access Service is provided by more than one Telephone Company, the Telephone Companies involved will mutually agree upon one of the billing methods described in (A) or (B) following based upon the interconnection arrangements between the Telephone Companies. The Single Company Billing method will only be used where technical limitations prohibit interconnection billing.

The Telephone Company will notify the customer which of the billing methods will be used. The customer will place the order for the service as set forth in 5.9 dependent upon the billing method. The Telephone Company receiving the order or copy of the order from the customer will be responsible for billing the customer.

(A) Single Company Billing:

(1) The Telephone Company receiving the order from the customer will arrange to provide the service, determine the applicable charges and bill the customer for the entire service in accordance with its Access Services tariff.

(B) Multiple Company (Interconnection Point) Billing:

(1) Each Telephone Company receiving an order or copy of the order from the customer will determine the applicable charges for the portion of the service it provides and bill in accordance with its Access Services tariff as follows:

(a) For Switched Access

- (i) Each Telephone Company's portion of the Local Transport, will be developed as follows:
 - a. Determine the appropriate Local Transport Mileage by computing the number of airline miles between the Telephone Company premises (end office, access tandem or serving wire centers) for Switched Access using the V&H method set forth respectively in 6.5.12 following.
 - b. 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.

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2. GENERAL REGULATIONS (Cont'd)

- 2.4 Payment Arrangements and Credit Allowances (Cont'd)
 - 2.4.5 Access Services Provided By More Than One Telephone Company (Cont'd)
- (B) Multiple Company (Interconnection Point) Billing: (Cont'd)
 - (c) For Feature Groups A, B, C and D Tandem Switched Transport
 - -multiplying 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;
 - -multiplying the Tandem Switched Termination rate times the number of originating and terminating access minutes routed over the facility.
 - -When a tandem office is located within the operating territory of a Telephone Company participating in NECA's Traffic Sensitive Pool, multiply the Tandem switching rate times the number of originating and terminating access minutes that are switched at the tandem.
 - -The Tandem Switched Termination rate is applied as set forth in 6.1(A) (3) (c) following. The Switched Access Nonrecurring Charges are applied as set forth in 6.5.1(c) following. (Note: The BP is not applied to the Switched Access Tandem Switched Termination rate or any Nonrecurring Charge.)
 - (d) 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 Directed Trunked Facility rate.
 - -The Direct Trunked Termination rate is applied as set forth in 6.1 (A) (2) following. The Switched Access Nonrecurring Charges are applied as set forth in 6.5.1(c) following. (Note: The BP is not applied to either the Switched Access Direct Trunked Termination rate or any Nonrecurring Charge.)
 - -When the Entrance Facility and/or Multiplexing equipment is located within the operating territory of the Telephone Company, the Entrance Facility and/or Multiplexing charge will apply.

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2. GENERAL REGULATIONS (Cont'd)

- 2.4 Payment Arrangements and Credit Allowances (Cont'd)
 - 2.4.5 Access Services Provided By More Than One Telephone Company (Cont'd)
 - (B) Multiple Company (Interconnection Point) Billing: (Cont'd)
 - (a) For Switched Access (Cont'd)

(i)(d) (Cont'd)

- -The Billing Percentage (BP) is not applicable to the Entrance Facility and Multiplexer charges.
- (ii) For intraLATA LEC to LEC traffic V&H coordinates and billing percentages will be determined from the Missouri PTC Plan IntraLATA Data Base.
- (b) For Special Access:
 - (i) Determine the appropriate Channel Mileage by computing the number of airline miles between the Telephone Company servicing wire centers using the V&H method set forth in 7.3.5.
 - (ii) Determine the billing percentage (BP), as set forth in EXCHANGE CARRIER ASSOCIATION TARIFF WIRE CENTER & INTERCONNECTION INFORMATION, which represents the portion of the service provided by each Telephone Company, except as indicated in (iv) below.
 - (iii) Multiply the number of airlines miles, as set forth in (i) preceding, times the BP for each Telephone Company, as set forth in (ii) preceding, times the Channel Mileage Facility rate. Add the Channel Mileage Termination rate.
 - (iv) For intraLATA LEC to LEC traffic, V&H coordinates and billing percentages will be determined form the Missouri PTC Plan IntraLATA Data Base.

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ACCESS SERVICE AND FACILITIES

2. GENERAL REGULATIONS

2.5 Definitions

Certain terms used herein are defined as follows:

Access Code

The term "Access Code" denotes a uniform four or seven digit code assigned by the Telephone Company to an individual customer. The four digit code has the form 10XX and the seven digit code has the form 950-10XX.

<u>Access Minutes</u>

The term "Access Minutes" denotes that usage of exchange facilities in intrastate for the purpose of calculating chargeable usage. On the originating end of an intrastate call usage is measured from the time the originating End User's call is delivered by the Telephone Company to the customer's facilities connected with the originating exchange. On the terminating end of an intrastate 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 call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating end exchange, as applicable.

Access Tandem

The term "Access Tandem" denotes a Telephone Company switching system that provides a concentration and distribution function for intrastate traffic originating from or terminating to an end office serving a customer terminal location.

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ACCESS SERVICE AND FACILITIES

2. GENERAL REGULATIONS

2.5 <u>Definitions</u>

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 customer point of termination as an indication that the called party has answered or disconnected.

Attenuation Distortion

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

Balance (100 Type) Test Line

The term "Balance (100 Type) Test Line" denotes an arrangement in an end office which provides for balance and noise testing.

Base Rate Area

The term "Base Rate Area" refers to a section usually compromised of the urban portion of a local exchange in which local exchange service is provided on a flat rate basis without mileage charges applicable. The area outside the Base Rate Area is generally referred to as the rural area and either has party line service as a flat rate offering or urban single party service with an additive for mileage outside the urban area.

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2. GENERAL REGULATIONS

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2.5 Definitions

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Bit

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

Business Day

The term "Business Day" denotes the time of day that the Telephone Company is open for business. Business hours are 8:00 A.M. to 5:00 P.M., 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 customer specified maximum amount of Switched Access Service and/or Directory Assistance Service access minutes the customer expects to be handled in an end office switch during any hour between 8:00 a.m. and 11:00 p.m. weekdays for the Feature Group and/or Directory Assistance Service ordered. This customer furnished BHMC quantity is the input data the Telephone Company uses to determine the number of transmission paths for the Feature Group and/or Directory Assistance Service ordered.

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2. GENERAL REGULATIONS

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2.5 Definitions

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Call

The term "Call" denotes a customer attempt for which the complete address code (e.g., 0-, 911, or 10 digits) is provided to the service dial tone office.

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 servers (e.g., trunks).

Central Office

The term "Central Office" denotes a local Telephone Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks.

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2. GENERAL REGULATIONS

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2.5 Definitions

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Centralized Automatic Reporting on Trunks (CARDT) Testing

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The term "Centralized Automatic Reporting on Trunks (CARDT)-Testing denotes a type of testing which includes the capacity for measuring operational and transmission parameters.

Central Office Code

The term "Central Office Code" denotes the first three digits (NXX) of the 7 digit telephone number assigned to a customer's Telephone Exchange Service.

Channel(s)

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

Channel Service Unit

The term "Channel Service Unit" denotes equipment which performs one or more of the following functions: termination of a digital facility, regeneration of digital signals, detection and/or correction of signal format errors and remote loop back.

<u>Channelize</u>

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

Coin Station

The term "Coin Station" denotes a location where Telephone Company equipment is provided in a public or semi-public place where Telephone Company customers can originate telephonic communications and pay the applicable charges by inserting coins into the equipment.

Common Line

The term "Common Line" denotes a line, trunk, pay telephone line or other facility provided under the general and/or local exchange service taciffs of the Telephone Company, terminated on a central office, switch

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ACCESS SERVICE AND FACILITIES

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2. GENERAL REGULATIONS

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2.5 <u>Definitions</u>

MO. PUBLIC SERVICE COMM

<u>Common Line</u> (Cont'd)

A common line-residence is a line or trunk provided under the residence regulations of the general and/or local exchange service tariffs. A common line-business is a line provided under the business regulations of the general and/or local exchange service tariffs.

Common Channel Signaling (CCS)

The term "Common Channel Signaling" (CCS) denotes a high speed packet switched communications network which is separate (out of band) from the public packet switched and message networks. Its purpose is to carry addressed signaling messages for individual trunk circuits and/or database related services between Signaling Points in the CCS network.

Common Channel Signaling Access Capability (CCSAC)

The term "Common Channel Signaling Access Capability" denotes the connection between the customer's point of presence and the Signal Transfer Point (STP) designated by the Telephone Company for the transport of signaling information.

Communications System

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

Customer(s)

The term "Customer(s)" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services offered under this tariff, including both Interexchange Carriers (ICs) and End Users.

Decibel (db)

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

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2. GENERAL REGULATIONS

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2.5 <u>Definitions</u>

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<u>Detail Billing</u>

The term "Detail Billing" denotes the listing of each message and/or rate element for which charges to a customer are due on a bill prepared by the Telephone Company.

<u>Directory Assistance (Intrastate)</u>

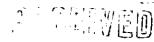
The term "Directory Assistance" denotes the provision of telephone numbers by a Telephone Company operator when the operator location is accessed by an End User by dialing (NPA) 555-1212.

Dual Tone Multifrequency Address Signaling

The term "Dual Tone Multifrequency Address Signaling" denotes a type of signaling that is an optional feature of Switched Access Feature Group A. It may be utilized when Feature Group A is being used in the terminating direction (from the point of termination with the customer to the local exchange end office). An office arranged for Dual Tone Multifrequency Signaling would expect to receive signals from the customer in the form of Dual Tone Multifrequency signals.

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2. GENERAL REGULATIONS

2.5 Definitions

Echo Return Loss

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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.

Effective 2-Wire

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

Effective 4-Wire

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

End Office Switch

The term "End Office Switch" denotes a local Telephone Company switching system when Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks.

End User

"End User" means any customer of an intrastate telecommunications service that is not a carrier.

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2.5 <u>Definitions</u>

MO. PUBLIC SERVICE COMM.

End User Premises

The term "End User Premises" denotes a building or portion(s) of a building occupied by a single End User either as place of business or residence. The End user's adjacent buildings and the building's on the same continuous property, not separated by a public thoroughfare, are also considered the End User's premises.

Entry Switch

See First Point of Switching.

Expected Measured Loss (EML)

The term "Expected Measured Loss" denotes a calculated loss which specifies the end-to-end 1004-Hz transducer loss on a terminated test connection between two readily accessible manual or remote test points.

Exchanges

The term "Exchange" denotes a unit 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.

Exit Message

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

First Come - First Served

The term "First Come - First Served" denotes a procedure followed when (\dot{N}) Access Service is ordered, the first order received will be the first order processed.

First Point of Switching

The term "First Point of Switching" denotes the first Telephone Company location at which switching occurs on the terminating path of a call proceeding from the customer premises to the terminating end office and, at the same time, the last Telephone Company location at which switching occurs on the originating path of a call proceeding from the originating end office to the customer premises.

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2. GENERAL REGULATIONS

2.5 <u>Definitions</u>

Grandfathered

The term "Grandfathered" denotes station or switching equipment directly connected to the facilities utilized to provide services under the provisions of this tariff, and which are considered grandfathered under Part 68 of the FCC Rules and Regulations.

Individual Case Basis (ICB)

The term "Individual Case Basis" denotes a condition in which 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.

Interconnection Point

The V and H coordinate as determined in EXCHANGE CARRIERS ASSOCIATION TARIFF - WIRE CENTER & INTERCONNECTION INFORMATION of a point where facilities of the Telephone Company meets facilities of a connecting exchange telephone company.

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Interexchange Customer(s) (IC)

Denotes any interexchange carrier (facility based on reseller) engaged for hire, which subscribes to the services offered under this Tariff to provide intrastate telecommunications services for its own use of for the use of its End Users. For purpose of this tariff, Primary Toll Carriers are also included in this definition.

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2. GENERAL REGULATIONS

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2.5 <u>Definitions</u>

MO. PUBLIC SERVICE COMM.

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<u>Intrastate Service Arrangement (In-Wats)</u>

The term "Intrastate Service Agreement" (In-Wats) denotes an arrangement provided pursuant to intrastate tariffs, contracts or service arrangement whereby the subscriber who obtains the arrangement permits others to make calls to the telephone number assigned to the arrangement without charge.

<u>Intrastate Communications</u>

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 Side Connection

The term "Line Side Connection" denotes a connection of a transmission path to the line side of a local exchange switching system.

Local Access and Transport Area (LATA)

The term "Local Access and Transport Area" denotes a geographic area established by the Bell Operating Companies, AT&T and the Department of Justice for the Administration of communications service. It encompasses designated exchanges, which are grouped to serve common social, economic and other purposes and in no way involves independent telephone companies in any of the restraints of the modified final judgment between the Department of Justice and AT&T.

Local Exchange Area

The term "Local Exchange Area" denotes the geographical area which the Telephone Company's provide exchange carrier service.

Local Exchange Carrier (LEC)

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

Local Tandem Switch

The term "Local Tandem Switch" denotes a local Telephone Company switching unit by which local or access telephonic communications are switched to and from an End Office Switch.

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2. GENERAL REGULATIONS

<u>Definitions</u>

MO. PUBLIC SERVICE COMM

<u>Loop Around Test Line</u>

The term "Loop Around Test Line" denotes an arrangement utilizing a (S) telephone company central office to provide a means to make certain two-way transmission tests on a manual basis. This arrangement has two central office terminations, each reached by means of separate telephone numbers and does not require any specific customer premises equipment. Equipment subject to this test arrangement is at the discretion of the customer.

Message

The term "Message" denotes a "call" as defined preceding.

Milliwatt (102 Type) Test Line

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

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 (CO) code plus a four-digit station number.

Off-hoof

The term "Off-hook" denotes the active condition of Switched Access or a Telephone Exchange service line.

On-hook

The term "On-hook" denotes the idle condition of Switched Access or a Telephone Exchange Service line.

Originating Direction

The term "Originating Direction" denotes the use of access service for the origination of calls from a customer's premises.

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ACCESS SERVICE AND FACILITIES

GENERAL REGULATIONS (Continued)

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2.5 <u>Definitions</u> (Continued)

MISSOURI Public Service Commission

Pay Telephone

The term "Pay Telephone" denotes Telephone Company-provided instruments and related facilities that are available to the general public for public convenience and necessity, including public and semi-public telephone.

Premises

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

Point of Termination

The point of demarcation within a LATA at which the Telephone Company's responsibility for the Provision of Access Service ends.

Primary Toll Carrier

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The following telephone companies are the Primary Toll Carriers, (all of which are Local Exchange Carriers) for intraLATA service under the Missouri Primary Carrier by Toll Center Plan filed with and as subsequently modified by the Commission: Fidelity, Contel, GTE North, Southwestern Bell and United Telephone.

Rate Center

The term "Rate Center" denotes a wire center or wire centers which have a common V&H coordinate for purposes of establishing air line mileage distances to another wire center having a different V&H coordinate.

Reseller

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The term "Reseller" denotes any individual, partnership, association, joint-stock company, trust or corporation engaged for hire to provide intrastate, interstate and/or foreign communications by means of reselling services of other carriers.

Return Loss

The term "Return Loss" denotes a measure of the similarity between the two impedances at the junction of two transmission paths. The higher the return loss, the higher the similarity.

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2. GENERAL REGULATIONS

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2.5 <u>Definitions</u>

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Release Message

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

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Registered Equipment

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

Secondary Carrier (SC)

The term "Secondary Carrier" denotes a LEC that does not function as a toll carrier, is compensated for those services provided to PTC's, does not establish toll rates or retain toll revenues and bills end users for intraLATA toll calls at the rates the respective PTC sets.

Service Switching Point (SSP)

A Service Switching Point denotes an end office or tandem which, in addition to having SS7 and SP capabilities, is also equipped to query centralized data bases.

Semi-Public Coin Service

The term "Semi-Public Coin Service" denotes a form of individual line (N) business exchange service designed for a combination of customer and public use at locations more or less public in character.

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Public Service Commission

2. <u>General Regulations (Cont'd)</u>

2.5 Definitions

Signaling Point (SP)

The term "Signaling Point (SP)" denotes an SS7 network interface element capable of originating and terminating SS7 trunk signaling messages.

Signaling Point of Interface (SPOI)

The term "Signaling Point of Interface" (SPOI) denotes the interface point between the Telephone Company and its Access customers for purposes of exchanging SS7 Signaling messages for CCS services.

Signaling System Seven (SS7)

The term "Signaling System Seven (SS7)" denotes the layered protocol used for standardized Common Channel Signaling in the United States.

Signaling Transfer Point (STP)

The term "Signaling Transfer Point" (STP) denotes a packet switch providing CCS Network Access that performs CCS message routing and screening.

Telephone Company

The term "Telephone Company" for purposes of this tariff is the Fidelity Telephone Company or the Bourbeuse Telephone Company.

Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from a customer premises location to an End User Premises.

Toll VoIP-PSTN Traffic

Issued: February 22, 2012

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.

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2. GENERAL REGULATIONS

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2.5 <u>Definitions</u>

Trunk

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

Trunk Group

The term "Trunk Group" denotes a set 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.

Trunk Side Connection

The term "Trunk Side Connection" denotes the connection of a transmission path to the trunk side of a local exchange switching system.

Two-Wire to Four-Wire Conversion

The term "Two-Wire to Four-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 (e.g., at central office switch).

V and H Coordinates Method

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

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 the closed-end of WATS or WATS-type services.

Wire Center

The term "Wire Center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services: Take located.

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

2.5 <u>Definitions</u> – Additional Definitions

800 Data Base Access Service

The term "800 Data Base Access Service" denotes a service which uses a data base system to identify 800 access customers on a 10-digit basis. For purposes of administering the rules and regulations set forth in this tariff regarding the provision of 800 Database Access Service shall include the following service access codes 800, 888, 877, 866, 855, 844, 833, and 822.

Direct-Trunked Transport

The term "Direct-Trunked Transport" denotes transport from the serving wire center to the end office or from the serving wire center to the access tandem on circuits dedicated to the use of a single eustomer.

Entrance Facility

The term "Entrance Facility" denotes a Switched Access Service dedicated Local Transport facility between the customer's serving wire center and the customer designated premises.

Feature Group D

Trunk side access to Telephone Company end office switches with an associated uniform 10XXX access code for the customer's use in originating and terminating communications.

Host Central Office

An electronic switching system which provides call processing capabilities for one or more Remote Switching Modules or Remote Switching Systems.

Local Number Portability (LPN)

The term "Local Number Portability (LNP)" denotes the ability to an end user of local exchange telecommunications service to retain an existing telephone number without impairment of quality, reliability, or convenience when switching from one local exchange telecommunications carrier to another.

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

2.5 <u>Definitions - Additional Definitions (Cont'd)</u>

Location Routing Number (LRN)

The term "Location Routing Number (LRN)" denotes a unique NPA-NXX-XXXX that serves a routing number associated with a central office switch that has subscribers that have transferred their telephone numbers from one local exchange telecommunications carrier to another.

N-1 Carrier

The term "N-1 Carrier" denotes the telecommunications carrier, prior to the terminating carrier, responsible for querying an LNP database to determine the routing of a call for a number portable NXX code.

Network Control Signaling

The transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denomination, coin collect and coin return tones) to control the operation of the telecommunications system.

Remote Switching Modules and/or Remote Switching Systems

Small, remotely controlled electronic end office switches which obtain their call processing capability from an ESS-type Host SwitchingOffice. The Remote Switching Modules and/or Remote Switching Systems cannot accommodate direct trunks to an IC.

Service Access Code

The term "Service Access Code" denotes a 3 digit code in the NPA format which is used as the first three digits of a 10 digit address and which is assigned for special network uses. Certain Service Access Codes have been allocated in the North American Numbering Plan to identify generic services or to provide access capability. Examples of Service Access Codes include the 800 and 900 codes.

Serving Wire Center

The wire center from which the customer designated premises would normally obtain dial tone from the Telephone Company.

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

2.5 <u>Definitions – Additional Definitions (Cont'd)</u>

Subtending End Office of an Access Tandem

An end office that has final trunk group routing through that tandem.

Synchronous Test Line

An arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

Tandem Switched Transport

The term "Tandem Switched Transport" denotes transport from the tandem to the end office that is switched at a tandem.

Uniform Service Order Code

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

Wireless Switching Center

The term "Wireless Switching Center" (WSC) denotes a Wireless Service Provider (WSP) switching system that is used to terminate wireless stations for purposes of interconnection to each other and to trunks interfacing with the public switched network.

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3. CARRIER COMMON LINE ACCESS SERVICE

OCT 1 0 1986

The Telephone Company will provide Carrier Common Line Access Services(SSCIA)
(Carrier Common Line Access) to customers.

Public Services Common Line Access)

3.1 General Description

Carrier Common Line Access provides for the use of Telephone Company common lines by customers for access to end users to furnish Intrastate communications.

Carrier Common Line Access is provided where the customer obtains Telephone Company Switched Access Service under this tariff.

In addition, a Special Access Surcharge as set forth in 7.3 following will apply to intrastate special access service provided by the Telephone Company to a customer.

3.2 <u>Limitations</u>

- (A) A telephone number is not provided with Carrier Common Line Access.
- (B) Detail billing is not provided for Carrier Common Line Access.
- (C) Directory listings are not included in the rates and charges for Carrier Common Line Access.
- (D) Intercept arrangements are not included in the rates and charges for Carrier Common Line Access.

3.3 Undertaking of the Telephone Company

- (A) Where the customer is provided with Switched Access Service under other sections of this tariff, the Telephone Company will provide the use of Telephone Company common lines by a customer for access to end users at rates and charges as set forth in 3.8 following.
- (B) The Switched Access Service provided by the Telephone Company includes the Switched Access Service provided for both interstate and intrastate communications and the Carrier Common Line Access rates and charges as set forth in 3.8 following apply in accordance with the regulations as set forth in 3.7 following.

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ACCESS SERVICE AND FACILITIES

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3. Carrier Common Line Access Service (Cont'd)

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3.3 Undertaking of the Telephone Company (Cont'd)

- (C) When the IC is provided pay telephone access as set forth MISSOURI following, the Telephone Company will collect sent to the Service Commission pay telephone stations and will remit monies to the IC as set forth in 3.6 following. The Tele, Company will provide message call detail format and bill periods used to determine the monies upon request from the IC.
- 3.4 Obligations of the Customer
- (A) The Switched Access Service associated with Carrier Common Line Access shall be ordered by the customer under other sections of this tariff.
- (B) The customer facilities of ordering customer shall provide the necessary on-hook and off-hook supervision.
- (C) When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the customer for the intrastate jurisdictions will be determined as set forth in 3.7(A) following.

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- (D) Where FGA, FGB or FGC end office switching is provided with or without Telephone Company recording and the IC records (directly or contractually) minutes of use which will be used to determine Carrier Common Line Access Charges (i.e., FGA or FGB originating or terminating minutes of use, FGC operator and TSPS calls such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit card, third number and/or other like calls), the IC shall furnish such minutes of use detail to the Telephone Company in a timely manner. If the IC does not furnish the data to the Telephone Company, the IC shall identify all Switched Access Service which could carry such calls in order for the billing entity to accumulate the minutes of use through the use of special Telephone Company measuring and recording equipment.
- (E) Where pay telephone access is provided too the IC and the IC wishes to receive the monies it is due for the monies collected by the Telephone Company from coin pay telephone stations, the IC shall furnish to the Telephone Company, the IC message call detail for the sent-paid (coin) pay telephone calls in accordance with the Telephone company collection schedule. The IC message call detail furnished shall be in a standard format established by the Telephone Company.

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3. Carrier Common Line Access Service

3.4 Obligations of the Customer

(E) Cont'd

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If no message call detail is received from the IC for each bill period established by the Telephone Company, the Telephone Company will assume there were no IC sent-paid (coin) pay telephones calls for the period.

3.5 Payment Arrangements

(A) The Telephone Company will bill the Carrier Common Line Access in accordance with previous arrangements and conditions in 2.4.1 (B) and (C) preceding.

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3. Carrier Common Line Access Service

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3.6 Payment of Coin Sent-Paid Monies

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The Telephone Company will collect the monies from coin—pay—telephone—stations and will determine and remit amounts due to an IC which is provided Operator Trunk-Coin or Combined Coin and Non-Coin for sent-paid pay telephone access.

(A) Bill Period Coin Revenue

The Telephone Company will establish a collection schedule for each coin pay telephone station and will collect the monies from the coin pay stations based on this collection schedule.

(B) Total IC Coin Revenue

The intrastate Total IC Coin Revenue will be determined by the Telephone Company based on the customer message call detail received from the customer for each bill period and the IC's schedule of charges for sent-paid coin calls.

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3. Carrier Common Line Access Service

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3.6 Payment of Coin Sent-Paid Monies (Cont'd)

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(C) Recourse Adjustments

For each coin record month, the Telephone Company will subtract from the Total IC Coin Revenue an amount for coin station shortages. Coin station shortages are amounts resulting from unauthorized calling at coin pay telephone stations, use of unauthorized coins (i.e., foreign coins, slugs and improper use of U.S. pennies), unauthorized removal of coins from coin pay telephone stations and coin refunds beyond the Telephone Company's control. Such amount for coin station shortages will be developed by the Telephone Company by multiplying the Total IC Coin Revenue for each coin record month by a shortage factor. Such amount will be rounded to the nearest penny. The shortage factor will be determined by dividing the yearly total coin shortage amount by the yearly total coin revenue amount (i.e. total coin revenue equals the coin revenue due under exchange tariffs, state toll tariffs, and interstate toll tariffs). The total coin shortage amount and the total revenue amount will be determined by the Telephone Company through an annual special study.

(D) Payment of Net IC coin Revenue

The Telephone Company will determine the Net IC Coin Revenue for each coin record month by subtracting from the Total IC Coin Revenue determined as set forth in (B) preceding the amount for coin station shortages determined as set forth in (C) preceding. The payment date will be determined by adding 45 days to the coin record month, the Telephone Company will remit payment to the IC for the Net IC Coin Revenue.

(E) Audit Provisions

Upon reasonable written notice by the customer to the Telephone Company, the customer shall have the right through its authorized representative to examine and audit, during normal business hours and at reasonable intervals as determined by the Telephone Company, all such records and accounts as may under recognized accounting practices contain information bearing upon the determination of the amount payable to the customer. Adjustment shall be made for the proper party to compensate for any errors or omissions disclosed by such examination or audit.

JAN 1 1987

- 3. CARRIER COMMON LINE ACCESS SERVICE (Cont'd)
 - 3.6 Payment of Coin Sent-Paid Monies (Cont'd)
 - (E) Audit Provision

All information received or reviewed by the customer or its authorized Representative is to be considered confidential and is not to be distributed, provided or disclosed in any form to anyone not involved in the audit, nor is such information to be used for any other purpose.

3.7 Rate Regulations

- (A) The CCL Charges will be billed to each Switched Access Service provided under this tariff in accordance with the regulations as set forth in (C) and (D) following except as set forth in (B) following.
- (B) When the customer reports interstate and intrastate use of Switched Access Service, the Carrier Common Line Access charges will be billed only for the intrastate Switched Access Service access minutes based on the data reported by the customer, as set forth in 2.3.14 preceding. The intrastate Switched Access Service access minutes will be used to determine the Carrier Common Line Charges as set forth in (3.8) following.
- (C) The terminating Access in 3.8 following per minute charge(s) apply to all terminating access minutes of use.
- (D) The originating Access in 3.8 following per minute charge(s) apply to all originating access minutes of use.

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3.8 Rates and Charges

(A) Intrastate Carrier Common Line Access:

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Access rate per minute

-Terminating

-Originating

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ACCESS SERVICE AND FACILITIES

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5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE

OCT 1 0 1986

5.1 <u>General</u>

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This section sets forth the regulations and order related charges for Access Orders for Switched and Special Access Services. These charges are in addition to other applicable charges as set forth in other sections of this tariff.

5.1.1 Ordering Conditions

A customer may order any number of services of the same type and between the same premises on a single Access Order. All details for services for a particular order must be identified except for those for multipoint service.

The customer shall provide all information necessary for the Telephone Company to provide and bill for the requested service. In addition to the order information required in 5.2 following, the customer must also provide:

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

Orders for Feature Group A Switched Access Service shall be in lines.

5.1.2 Provision of Other Services

(A) Testing Service, Additional Engineering, Additional Labor, Restoration Priority and Special Facilities Routing may be ordered with an Access Order or as set forth in (B) following as additional features at the time the order is accepted by the Telephone Company.

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- 5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont. d) 1993
 - 5.1.2 Provision of other Services (Cont'd) MO. PUBLIC SERVICE COMM
 - (A) (Cont'd)

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 Access Service with which they are associated.

(B) With the agreement of the Telephone Company, the items listed in (A) preceding may subsequently be added to the order at any time, up to and including the service date for the Access Service. When added subsequently, charges for order modifications as set forth in 13. following will apply when an engineering review is required.

5.1.3 Special Construction

The regulations, rates and charges for special construction are set forth in General Services and/or Exchange Tariffs of the Telephone Company.

5.2 Access Order

An Access Order is used by the Telephone Company to provide to a customer Access Service as follows:

- Switched Access Services as set froth in 6. following,
- Special Access Services as set forth in 7. following, or
- Other Services as set forth in 5.1.2 preceding.

When placing an order for Access Service, the customer must provide, at a minimum, the following information:

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ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont'd) 5.

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5.2 Access Order (Cont'd)

(A) Feature Group A Switched Access Service

The number of lines and the first point of switching (i.e., (1) dial tone office).

(2) The customer shall specify whether the off-hook supervisory signalling is provided by the customer's equipment before the called party answers, or is forwarded by the customer's equipment when the called party answers.

The customer shall specify which lines are to be arranged (3) in multiline hunt group arrangements and which are to be provided as single lines.

(B) Feature Group B Switched Access Service

(1) The number of Trunks.

(2) The end office when direct routing to the end office is desired, except when FGB is provided through a centralized equal access arrangement.

(3) The access tandem switch when routing is desired via an

access tandem switch.

(4) The trunks that are to be arranged in trunk group arrangements or provided as single trunks for terminating only access minutes.

(C) Feature Group C and Feature Group D Switched Access Service

The Telephone Company end office where services is (1) requested or the access tandem switch for non MTS/WATS providers.

(2) The number and type of busy hour minutes of capacity (BHMC) requested by Feature Group from the customer designated premises to the end office.

The customer designated premises where service is (3) requested.

(4) Any Customer Identification Function for 800 Access Service

options requested.

When Feature Group C or D Switched Access Service is (5) ordered with the Interim NXX Transition optional feature, the initial order for the Interim 800 Transition optional feature shall specify the NXX code(s) to be translated within the entire LATA or Market Area. The initial and subsequent orders to add, change, or delete 800 Nix bedes shall be placed separately or in combination with orders to change Feature Group C or D Switched Access MINC. # 1995

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5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont'd)

5.2 Access Order (Cont'd)

- (C) Feature Group C and Feature Group D Switched Access Service (Cont'd)
 - (5) (Cont'd) Customer assigned NSS codes which have not been ordered will be blocked.
 - (6) Customers other than AT&T may, at their option, order FGD by specifying the number of trunks desired between customer designated premises and an entry switch. When ordering by tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project further facility requirements.
 - (7) Normally, Direct Trunked Transport of originating 800 series calls from an end office is available only from Service Switching Point (SSP) equipped end offices. However, certain SSP equipped end offices cannot accommodate the direct trunking of the 800 series (other than the 800 service access code) service access code. These end offices are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4. Additionally, certain non-SSP equipped end offices can accommodate direct trunking of originating 800 series calls. These end offices are also identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4.
 - (8) When ordering Switched Access service, the customer must specify the directionality of the service and whether the service is to be provided as (1) Direct Trunked Transport from the serving wire center to the end office or (2) Direct Trunked Transport from the serving wire center to a tandem which connects with Tandem Switched Transport from the tandem to the end office. When all or a portion of service is ordered as Direct Trunked Transport, the customer must specify the type and quantity of Direct Trunked Transport facility (e.g., Voice Grade or High Capacity DS1 or DS3), and the hubs or ADM equipped wire centers involved.

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5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont'd)

- 5.2 Access Order (Cont'd)
- (C) Feature Group C and Feature Group D Switched Access Service (Cont'd)
 - (9) Except as provided for the in Section 6.1.3(A)(1), following, the Customer must also specify the type of Entrance Facility to be used for Switched Access (e.g., Voice Grade, High Capacity or Synchronous Optical Channel). For High Capacity or Synchronous Optical Channel Entrance Facilities, the customer must specify the facility assignment and the channel assignment for each trunk.
 - (10) Direct Trunked Transport is available at all tandems and at all end offices except those end offices identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. as not having the capability to provide Direct Trunked Transport. Direct Trunked Transport is not available: (1) from end offices that provide equal access through a Centralized Equal Access arrangement, or (2) from end offices that lack recording or measurement capability.
 - (11) When the customer has both Tandem Switched Transport and Direct Trunked Transport at the same end office, the customer will be provided Alternate Traffic Routing.

(D) SS7 Optional Feature

When Feature Group C or D is ordered with the SS7 optional feature, in addition to information listed in Section 5.2(C), preceding, the customer shall specify a reference to existing signaling connections or reference a related SS7 signaling connection order. When ordering SS7 signaling, the customer shall provide the Signaling Transfer Point codes, location identifier codes and circuit identifier codes. In addition, the customer shall work cooperatively with the Telephone Company to determine the number of SS7 signaling connections required to handle its signaling traffic.

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ACCESS SERVICE AND FACILITIES

5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (Cont'd)

5.2 Access Order (Cont'd)

(E) Special Access Services (Cont'd)

- (1) The type of service requested (Metallic, Voice Grade, etc.)
- (2) The customer designated premises or hubs involved.
- (3) The channel interface, technical specification package.
- (4) When requesting Special Access Service, the customer must certify that the traffic consists of more than ten percent interstate traffic.
- (5) Where the special Access Service is exempt from the Special Access Surcharge set forth in 7. Following the customer shall furnish the order the certification as set forth in 7. Follow.
- (6) Special Access Service may be ordered for connection with FGA, FGB, FGC or FGD Switched Access Service at Telephone Company designated WATS Serving Offices (WSOs) for the provision of WATS or WATS-type Services and may be ordered separately by a customer other than the customer which orders the FGA, GFB, FGC or FGD Switched Access Service. For the Special Access Service the customer shall specify the customer designated premises at which the Special Access Service terminates, the type of line (i.e., two-wire or four-wire), the type of calling (i.e., originating, terminating, or two way) and the type of Supervisory Signaling.

When the optional screening, switching and/or recording functions are not provided at the customer serving wire center, Channel Mileage, as set forth in 7.2.1 following, must be ordered between that wire center and the nearest WSO where the screening, switching and/or recording functions can be provided.

5.3 <u>Traffic Engineering Responsibilities</u>

(A) Determination of Busy Hour Minutes of Capacity (BHMC)

The BHMC is determined in the following manner. For each work day (i.e., 8am to 11pm, Monday thru Friday, excluding national holidays), the eustomer shall determine the highest number of minutes of use for a single hour (e.g. 55 minutes in the 10-11 AM hour). The highest number of minutes of use (MOU) per hour is determined by totaling both originating and terminating MOU for days is the BHMC. The 20 consecutive days will be determined by totaling the 20 consecutive days with the largest <OU in a 12 month period. This computation shall be performed for each end office the customer wishes to serve. These determinations thus establish the BHMC for each end office.

(M) Material previously appearing on Page 54.1 now appears on this sheet.

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5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE (CONTUR)

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- 5.3 Traffic Engineering Responsibilities (Cont'd) NO PUBLIC SERVICE COMMY:
 - (A) <u>Determination of Busy Hour Minutes of Capacity (BHMC)</u>

Where the Special Access Service is subject to the surcharge, as set forth in 7.4.3 following and the customer does not use the Special Access Service as described and desires an exemption from the surcharge it shall furnish with the order the certification as set forth in 7.3.2(B) following.

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(B) <u>Determination of SS7 Signaling Connections</u>

For Feature Group C or Feature Group D with SS7 Signaling, the customer shall work cooperatively with the Telephone Company or its agent for CCSAC interconnection to determine the number of signaling connections required to handle its signaling traffic.

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5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE

5.2 Access Order

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5.2.1 Access Order Service Date Intervals

To the extent the Access Service can be made available with where reasonable effort and can be reasonably included in the Telephone Company's work schedule, the Telephone Company will provide the Access Service in accordance with the customer's requested interval.

5.2.2 Access Order Modifications

The customer may request a modification of its Access Order 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 order 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 Access Order modification, the Telephone Company will schedule a new service date. All charges for Access Order modifications will apply on an individual case basis and must be agreed to by both parties.

An increase in the number of Special Access Service channels or Switched Access Service busy hour minutes of capacity will be treated as a new Access Order (for the increased amount only).

If order modifications are necessary to satisfy the transmission performance for a Special Access Service ordered by a customer, these changes will be made without order modification charges being incurred by the customer.

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5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE

5.2 Access Order

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5.2.3 Cancellation of an Access Order

- (A) Installation of Switched or Special Access Service facilities is considered to have started when the Telephone Company incurs-anycost in connection therewith or in preparation thereof which would not otherwise have been incurred.
- (B) Where the customer cancels an Access Order prior to the start of installation of access facilities, no charges shall apply.
- (C) Where installation of access facilities has been started prior to the cancellation, the charges specified in (1) or (2) following, whichever is lower, shall apply.
 - A charge equal to the costs incurred in such installation, less estimated net salvage. Such charge is determined as detailed in (D) following.
 - (2) The charge for the minimum period of Switched or Special Access Service ordered by the customer.
- (D) Charges applicable as specified in (C) (1) preceding include the nonrecoverable cost of equipment and material ordered, provided or used, plus the nonrecoverable cost of installation and removal including the costs of engineering, labor, supervision, transportation, rights-of-way and other associated costs.



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5. ORDERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE

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5.2 Access Order

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5.2 Access Orders

5.2.4 Selection of Facilities for Access Orders

When there are facilities in the activated state for its use, a customer may request a specific channel or transmission path be used to provide the Switched or Special Access Service requested in an Access Order. The Telephone Company will make a reasonable effort-to-accompodate the customer's request.

5.2.5 Minique Period

The minimum period for which Access Service is provided and for which charges are applicable, is one month. For the application of minimum period charges for Switched Access Service FGB and FGC, it is assumed that the last identical capacity placed in service is the first one discontinued.

5.2.6 Minious Period Charges

When Access Service is discontinued prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. A disconnect constitutes facilities being returned to inventory.

The Minimum Period Charge will be determined as follows:

(A) For Switched Access Service, the charge for each remaining month and/or fraction thereof is equal to the applicable minimum aonthly charge for the service as set forth in 6.5.4 following.

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5. ORBERING OPTIONS FOR SWITCHED AND SPECIAL ACCESS SERVICE

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5.2 Access Order

5.2.6 Minimum Period Charges (Cont'd)

(B) For Special Access Service, the charge for each remaining month and fraction thereof is the applicable monthly rates for the service as set forth in 7.3 following.

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TARIFF MoPSC NO. 6 Original Pages 60 through 72

ACCESS SERVICE AND FACILITIES

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6. <u>SWITCHED ACCESS SERVICE</u>

6.1 General

Switched Access Service includes access arrangements in end offices to enable switching and transport between offices to points of interconnection. The service is available to customers for their use in furnishing services to end users by providing a two-point electrical communications path between the interconnection point and the end users premises. Switched Access Service is obtained by ordering capacity and/or facilities from the Telephone Company.

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Switched Access arrangements available are designated as FGA, FGB, FGC and FGD. FGA provides line side connection, FGB, FGC, and FGD provide trunk side connection. FGA, FGB, FGC and FGD are available in end offices to enable originating or terminating communications by the customer.

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Rate elements applicable for local switching are set forth in 6.6.3 following. Local Transport rates are set forth in 6.6.2 following.

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Issued: September 13, 2004 Effective: October 13, 2004

6. <u>SWITCHED ACCESS SERVICE</u>

6.1 General

6.1.1 Feature Group Arrangements

(A) Manner of Provision

Switched Access is furnished in busy hour minutes of capacity(BHMCs). FGA Access is furnished on a per-line basis. FGB, FGC and FGD Access are furnished on a BHMC basis.

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BHMCs are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement.

Differentiation of traffic among BHMC types is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are two major BHMC categories identified as: Originating and Terminating. Originating BHMCs represent access capacity for carrying traffic from the end user to the Interconnection Point of the customer; Terminating BHMCs represent access capacity for carrying traffic from the Interconnection Point of the customer to the end user. When ordering capacity for FGB, FGC and FGD Access, the customer must at a minimum specify such access capacity in terms of Originating BHMCs and/or Terminating BHMCs.

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6.1.2 Reserved for Future Use

6.1.3 Rate Categories

There are three rate categories which apply to Switched Access Service:

- Local Transport (described in 6.1.3(A) following
- End Office (described in Sections 3. preceding)
- Common Line (described in Sections 3. preceding)

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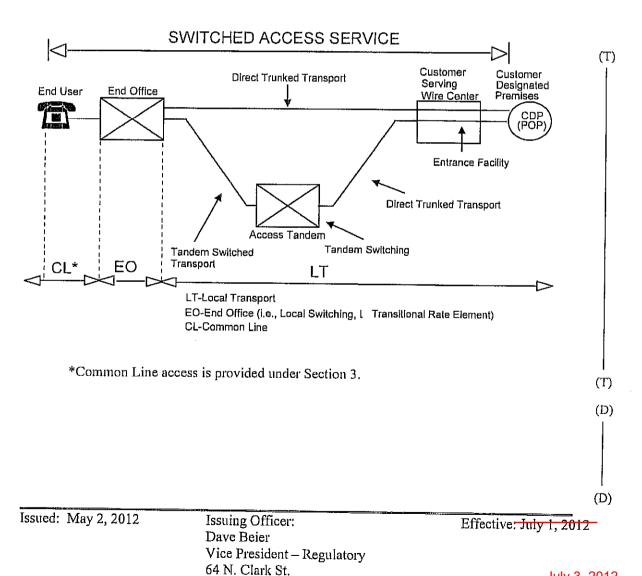
Access Service and Facilities

6. Switched Access Service

6.1 General

6.1.3 Rate Categories (Cont'd)

The Feature Groups offered by the Telephone Company are described in Section 6.2. Premium rates apply for all Feature Group C or Feature Group D Switched Access connections on an access minutes basis only to providers of MTS and WATS. Originating FGC access is available to all customers when used to provide the interim 800 Customer Identification optional feature. Access minutes are determines as described in Section 6.5.8. The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.



Sullivan, MO 63080

6. SWITCHED ACCESS SERVICE

6.1 General

6.1.3 Rate Categories (Cont'd)

(A) Local Transport

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The Local Transport rate category establishes the charges related to the transmission and tandem switching facilities between the customer designated premises and the end office switch(es), which may be a Remote Switching Module(s) or WATS Serving Office, where the customer's traffic is switched to originate or terminate the customer's communications. Mileage measurement rules are set forth in Section 6.5.12, following and in this section.

If the customer utilizes the facilities of another connecting exchange carrier to access the Telephone Company end office switch for the provision of switched access service, the Local Transport charge will provide facilities between the end office switch and the interconnection point with the connecting exchange carrier.

If the Telephone Company utilizes the facilities of another connecting exchange carrier to transmit calls under the provisions of this tariff (i.e. FGA LATA wide access), the Local Transport charge provides transmission facilities between the IC terminal location and the end office switch(es) where the IC's traffic is switched to originate or terminate its communication.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer's designated premises) and in the terminating direction (from the customer's designated premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any type of plant capable of the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 HZ. The customer must specify the choice of facilities (i.e., Voice Grade 2 or 4 wire, High Capacity DS1 or DS3 to be used in the provision of the Direct Trunked Transport or Entrance Facility. High Capacity DS3 are only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

The Telephone Company will work cooperatively with the customer to develop routing and other local transport arrangements. Rates for Local Transport are set forth in 6.6.2.

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6. SWITCHED ACCESS SERVICE

6.1 General

6.1.3 Rate Categories (Cont'd)

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(A) <u>Local Transport</u> (Cont'd)

The customer must specify when ordering (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, (2) the type of Direct Trunked Transport and whether it will overflow to Tandem Switched Transport when service is directly routed to an end office, (3) the type of Entrance Facility, where applicable, (4) the directionality of the service, and (5) when multiplexing is required, the hub(s) at which the multiplexing will be provided.

When the customer has both Tandem Switched Transport and Direct Trunked Transport at the same end office, the customer will be provided Alternate Traffic Routing.

Direct Trunked Transport is available at all tandems and at all end offices except those end offices identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, as not having the capability to provide Direct Trunked Transport. Direct Trunked Transport is not available: (1) from end offices that provide equal access through a Centralized Equal Access arrangement, or (2) from end offices that lack recording or measurement capability.

Local Transport is provided at the rates and charges set forth in 6.6.2 following. The application of these rates with respect to individual Feature Groups is as set forth in 6.5.1 following. When more than one

Telephone Company is involved in providing the Switched Access Service, the Local Transport rates are applied as set forth in 2.4.5 preceding.

The Local Transport Rate Category includes four classifications of rate elements: (1) Entrance Facility, (2) Direct Trunked Transport, (3) Tandem Switched Transport, and (4) Multiplexing.

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6. SWITCHED ACCESS SERVICE

6.1 General

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(1) Entrance Facility

The Entrance Facility recovers a portion of the costs associated with a communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Entrance Facility is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the customer designated premises and the type of signaling capability, if any,

Three types of Entrance Facility are available:

- Voice Grade 2 or 4 wire –
- an analog channel with an approximate bandwidth of 300 to 3000 Hz;
 High Capacity DS1 –
 an isochronous serial digital channel with a rate of 1.544 Mbps;
- High Capacity DS3 an isochronous serial digital channel with a rate of 44.736 Mbps;

The minimum period for which a High Capacity DS3 Channel Entrance Facility is provided is twelve months.

One charge applies for each Entrance Facility that is terminated at a customer designated premises. This charge specified in Section 6.6.2, following, will apply even if the customer designated premises and the serving wire center are collocated in a Telephone Company building, except as provided for below.

A customer's Local Transport may be connected to the Entrance Facility of another customer, providing the other customer submits a Letter of Authorization for this connection and assumes full responsibility for the cost of the Entrance Facility.

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6. SWITCHED ACCESS SERVICE

6.1 General

6.1.3 Rate Categories (Cont'd)

(A) <u>Local Transport</u> (Cont'd)

(2) <u>Direct Trunked Transport</u>

The Direct Trunked Transport rate elements recover a portion of the cost associated with a communications path or circuits dedicated to the use of a single customer between:

- the serving wire center and an end office,
- the serving wire center and a tandem,

Direct Trunked Transport is available at all tandems and to all end offices except those end offices identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION as not having the capability to provide Direct Trunked Transport.

Direct Trunked Transport is not available: (1) from end offices that provide equal access through a Centralized Equal Access arrangement, or (2) from end offices that lack recording or measurement capability.

Three types of Direct Trunked Transport are available:

- Voice Grade 2 or 4 wire
 - an analog channel with an approximate bandwidth of 300 to 3000 Hz;
- High Capacity DS1
 - an isochronous serial digital channel with a rate of 1.544 Mbps;
- High Capacity DS3
 - an isochronous serial digital channel with a rate of 44.736 Mbps;

High Capacity DS3 Direct Trunked Transport can not be terminated at end offices that are not identified as hub offices that provide DS3 to DS1 multiplexing.

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6. SWITCHED ACCESS SERVICE

6.1 General

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) <u>Direct Trunked Transport</u>

Additionally, DS1 Direct Trunked Transport can not be terminated at end offices that are not identified as hub offices that provide DS1 to Voice Grade multiplexing or are not electronic end offices.

Offices that provide multiplexing and add/drop multiplexing functions are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

Direct Trunked Transport rates consist of a Direct Trunked Facility rate specified in Section 6.6.2, following, which is applied on a per mile basis and a Direct Trunked Termination rate which is applied at each end of each measured segment of the Direct Trunked Facility (e.g., at the end office, tandem, hub, ADM equipped wire center, and serving wire center). When the Direct Trunked Facility mileage is zero, neither the Direct Trunked Facility rate nor the Direct Trunked Termination rate will apply.

The Direct Trunked Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits.

The Direct Trunked Termination rate specified in Section 6.6.2, following, recovers a portion of the costs of the circuit equipment that is necessary for the termination of each end of the Direct Trunked Facility.

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6. SWITCHED ACCESS SERVICE

6.1 General

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(3) Tandem Switched Transport

The Tandem Switched Transport rate elements recover a portion of the costs associated with a communications path between a tandem and an end office on circuits that are switched at a tandem switch.

Tandem Switched Transport rates consist of a Tandem Switching rate, a Tandem Switched Facility rate, and a Tandem Switched Termination rate.

In those instances where an SSP equipped end office is capable of handling 800 traffic on a direct trunked basis but incapable of handling 800 series (other than the 800 service access code) traffic on a direct trunked basis, a full credit will be provided for tandem switched transport charges associated with FGC and FGD service for 800 traffic delivered at the tandem. This results in all 800 series traffic being rated as direct trunked transport regardless of whether the SSP equipped end office is capable of handling 800 series (other than the 800 service access code) traffic on a direct trunked basis. Those SSP equipped end offices that cannot accommodate direct trunking of originating 800 series (other than the 800 service access code) traffic are identified in NECA TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

(a) The Tandem Switching rate recovers a portion of the costs of switching traffic through an access tandem. The Tandem Switching rate specified in 6.6.2 following is applied on a per access minute per tandem basis for all originating and all terminating minutes of use switched at the tandem. Tandem locations are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

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6. SWITCHED ACCESS SERVICE

6.1 General

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

- (3) Tandem Switched Transport (Cont'd)
 - (b) The Tandem Switched Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission circuit equipment, between the end points of interoffice circuits. The Tandem Switched Facility rate specified in 6.6.2 following is applied on a per access minute per mile basis for all originating and terminating minutes of use routed over the facility.
 - (c) The Tandem Switched Termination rate recovers a portion of the costs of circuit equipment necessary for the termination of each end of each measured segment of the Tandem Switched Facility. The Tandem Switched Termination rate specified in 6.6.2 following is applied on a per access minute basis (for all originating and terminating minutes of use routed over the facility) at each end of each measured segment of Tandem Switched Facility (e.g., at the end office, Feature Group A dial tone office, host office and the access tandem). When the Tandem Switched Facility mileage is zero, neither the Tandem Switched Facility rate nor the Tandem Switched Termination rate will apply.

(4) Multiplexing

Multiplexing provides an arrangement for converting a single, higher capacity or bandwidth circuit to several lower capacity or bandwidth circuits.

When a derived channel is itself multiplexed to derive additional channels with a lesser capacity, this is referred to as cascade multiplexing. When cascade multiplexing occurs, a charge for the additional multiplexing function applies. When cascade multiplexing is performed at different hubbing locations, Direct Trunked Transport charges also apply between the hubs.

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6. SWITCHED ACCESS SERVICE

6.1 General

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(4) Multiplexing (Cont'd)

Multiplexing is only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF NO. 4, WIRE CENTER INFORMATION.

The following multiplexing arrangements are offered for use with Switched Access Service.

- (a) DS3 to DS1 Multiplexing charges specified in Section 6.6.2 following, apply when a High Capacity DS3 Entrance Facility or High Capacity DS3 Direct Trunked Transport is connected with High Capacity DS1 Direct Trunked Transport. DS3 to DS1 multiplexer will convert a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.
- (b) DS1 to Voice Grade Multiplexing charges specified in Section 6.6.2, following, apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Transport is connected with Voice Grade Direct Trunked Transport. However, a DS1 to Voice Grade Multiplexing Charge does not apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Transport is terminated at an electronic end office and only Switched Access Service is provided over the DS1 facility (i.e., Voice Grade Special Access channels are not derived). The DS1 to Voice Grade multiplexer will convert a 1.544 Mbps channel to 24 Voice Grade channels.

(1) Interface Groups

Interface Groups are provided for terminating the Local Transport at the customer's designated premises in accordance with provisions contained in the Telephone Company's interstate access tariff.

(2) Nonehargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following nonchargeable optional features in association with Local Transport.

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided in accordance with current industry standards.

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6. SWITCHED ACCESS SERVICE

6.1 General

6.1.3 Rate Categories (Cont'd)

(B) End Office

The End Office rate category provides the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching rate element and the Directory Assistance Information Surcharge.

(1) Local Switching

The Local Switching rate element establishes the charges related to the use of end office switching equipment, the terminations in the end office of end user lines, the terminations of calls at Telephone Company Intercept Operators or recordings, the STP costs, and the SS7 signaling function between the end office and the Signaling Transfer Point. The LS2 rate applies to FGC and FGD Switched Access Service and for FGB when utilized to provide MTS/WATS service. The LS1 rate applies to FGA and all other FGB services. Rates for Local Switching are set forth in 6.6.2.

(2) Transitional Rate Element

The Transitional Rate Element is a rate authorized by the Federal Communications Commission to be effective from July 1, 2012 through June 30, 2013 to recover half of the difference in terminating access revenue from applying the previous intrastate rates and rate elements and applying the terminating interstate rates and rate structures to the F.C.C. designated Fiscal Year volumes for that one year period.

(3) <u>Directory Assistance Information Surcharge</u>

The Directory Assistance Information Surcharge rates are assessed to a customer based on the total number of access minutes. Directory Assistance Information Surcharge rates are as set forth in 6.6.2 following.

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ACCESS SERVICE AND FACILITIES



6.1 <u>General</u>

6.1.3 Rate Categories (Cont'd)

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6. SWITCHED ACCESS SERVICE

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6. SWITCHED ACCESS SERVICE

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6.1.4 Layout Report

At the request of the customer the Telephone Company will provide to the customer the makeup of the facilities and services provided to the Interconnection Point. This information will be provided in the form of a Layout Report. The Layout Report will be provided to the customer at no charge, and will be updated and reissued as material changes to the customers facilities change.

6.1.5 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, to assure the new facilities meet the technical specifications of the facilities ordered.

6.1.6 Ordering Options and Conditions

Switched Access Service is ordered under the access order provisions set forth in 5. preceding. Cancellation charges associated with these provisions are also included in 5.2.3 preceding.

4.2 Provision and Description of Switched Access Service Feature Groups

Switched Access Service is provided in three different feature group arrangements. The provision of each feature group requires Local Transport -- facilities and the appropriate End Office functions.

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6. SWITCHED ACCESS SERVICE

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6.2 Provision and Description of Switched Access Service Feature Groups

6.2.1 Feature Group A (FGA)

(A) Description

- (1) FBA is provided in connection with all Telephone Company end offices. It is provided on a single or multiple line -- group basis.
- (2) F6A provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
- (3) The Telephone Company shall select the first point of switching, within the selected exchange area, at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities when necessary are available to accommodate such a request.
- (4) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching 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.

(5) FBA switching, when used in the terminating direction, is arranged at the option of the customer with dial tone start-dial signaling and dial pulse address signaling. When FGA switching is provided in a hunt group—or—uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.

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6. SWITCHED ACCESS SERVICE

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6.2 Provision and Description of Switched Access Service Feature Groups

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6.2.1 Feature Group A (FGA)

(A) Description (Cont'd)

- (6) No address signaling is provided by the Telephone Company when FGA Switching is used in the originating direction. Address signaling in such cases, if required by the customer must be provided by the customers 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 Common Switching and Local Transport provided.
- (7) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the local access transport area arrangement, local operator service (D- and D+), directory assistance (411 and 555-1212), exchange telephone repair (611), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). For calls to services of other customers additional charges will apply e.g., the customer will be billed for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0-) calls; (2) a per message rate following for Directory Assistance (411 and 555-1212) calls; (3) charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, and, (4) customer call charges in accordance with the tariffs in force when the Telephone Company performs the billing for such customer calls.

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6. SWITCHED ACCESS SERVICE

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6.2 Provision and Description of Switched Access Service Feature Groups

6.2.1 Feature Group A (FGA)

(A) Description (Cont'd)

(8) When a FGA switching arrangement 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.

(B) Testing Capabilities

FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. Additional Cooperative Acceptance Testing and Non-Scheduled Testing will be provided as set forth in 13. following.

6.2.2 Feature Group B (FGB)

(A) <u>Description</u>

- FGB is provided in connection with all Telephone Company end offices.
- (2) FGB provides trunk side switching thru the use of end office switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling.
- (3) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions.
- (4) The uniform access codes for FGB switching is 950-10xx or 950-0xxx. These uniform access codes will be assigned access numbers of all FGB switched access service provided to the customer by the Telephone Company.

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6. SWITCHED ACCESS SERVICE

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6.2 Provision and Description of Switched Access Service Feature OUR!

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6.2.2 Feature Group B (FGB) (Cont'd)

- direction may be used in the terminating direction may be used to access valid NXX's of the Telephone Company, community information services, and other IC's services (by dialing the appropriate digits). The IC will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs. Calls in the terminating direction will not be completed to 950-1XXX or 950-0XXX access codes, local operator assistance, Directory Assistance, service codes 611 and 911 or 10XXX access codes. FGB, in the terminating direction, may not be
 - (1) switched to access another FGB or FGC service and
 - (2) used to terminate FGC or FGD calls.
- (6) The Telephone Company will establish separate trunk groups for FGB switching when required by technical limitations or by the lack of adequate usage reporting by the IC. With adequate usage reporting and where technical limitations are not limiting, different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(B) Testing Capabilities

Testing Capabilities are the same as set forth in 6.2.3(B) following.

6.2.3 Feature Group C (FGC)

(A) Description

(1) FGC is provided at all Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. FGC switching is provided to the TC ED (i.e., providers of MTS and WATS) at an end office switch. Originating FGC Access is EP 211989

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6. SWITCHED ACCESS SERVICE

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- 6.2 Provision and Description of Switched Access Service Commission Groups
 - 6.2.3 Feature Group C (FGC) (Cont'd)
 - (A) Description (Cont'd)
 - (1) (Cont'd)
 available to all customers when used to provide
 the Customer Identification Function for 800
 Access Service optional feature. Terminating
 FGC access is available to all customers other
 than providers of MTS and WATS when such access
 is used in conjunction with the provision of
 the Interim 800 Customer Identification
 Function, but only for purposes of testing.
 - (2) FGC is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start startpulsing signals are provided in all offices where available. In those offices where wink start startpulsing signals are not available, delay dial startpulsing signals will be provided.
 - (3) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial pulse. Up to 12 digits of the called party number dialed by the customers end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the Interconnection Point location where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Common Switching and Local Transport provided.
 - (4) No access code is required for FGC switching.

 The telephone number dialed by the customers
 end user shall be a 7 or 10 digit number for
 calls within Missouri conforming to the North

 American Numbering Plan (NANP).

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6. Switched Access Service

Provision and Description of Switched Access Service Feature Croups 6.2

6.2.3 Feature Group C (FGC)

- (A) <u>Description</u> (Cont'd)
 - (5) FGC switching, when used in the terminating direction, may be used to access valid NXXs in the weather exchange EAS area, time orannouncement services of the Telephone Company, community information services of an information provider, and other customers services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes serviced by the office may be accessed. For calls to services of other customers additional charges apply as follows. The customer will be billed charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services. Calls in the Terminating direction will not be provided to 950-10XX access codes, local operator assistance (0-), director assistance (411 and 555-1212) service codes (611 and 911) and 10XX access codes.

FGC may not be switched, in the terminating direction to Switched Access Service Feature Group B, C or D.

- The Telephone Company will establish a trunk group (6) or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required by technical limitations, a separate trunk group will be established for each arrangement provided. of FGC switching Different types of FGC or other arrangements may be combined in a single trunk group at the option of the Telephone Company.
- FGC switching when used in the terminating direction (7) may be used to access valid telephone numbers in local exchange area of the terminating end offi switch.

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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Groups
 - 6.2.3 Feature Group C (FGC) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (8) Unless prohibited by technical limitations the providers of MTS and WATS may, at their option, combine Interim NXX Translation and/or 800 Data Base traffic in the same trunk group arrangement with their non-Interim NXX Translation traffic. When required by technical considerations, or when provided to a customer other than the provider of MTS and WATS, or at the request of the customer (i.e., provider of MTS and WATS), a separate trunk group will be established for Interim NXX Translation traffic.
 - (B) <u>Transmission Specifications</u>

FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

Type DB Data Transmission Parameters are provided with FGC for the transmission path between the customer's premises and the end office when directly routed to the end office, and Type DB Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

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- 6. SWITCHED ACCESS SERVICE (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Groups
 - 6.2.3 Feature Group C (FGC) (Cont'd)
 - (C) Testing Capabilities

FGC is provided normally, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, nonsynchronous or synchronous test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Additional Cooperative Testing and Non-Scheduled Testing will be provided as set forth in 13. following.

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- 6. <u>SWITCHED ACCESS SERVICE</u> (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD)
 - (A) <u>Description</u>
 - (1) FGD is provided at Telephone Company designated office switches whether routed directly or via Telephone Company designated electronic access tandem switches. The Telephone Company will designate the first point(s) of switching for FGD services where the Telephone Company elects to provide equal access through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements and identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.
 - (2) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling. When FGD with SS7 signaling is ordered, no inband signaling is provided.
 - (3) FGD switching is provided with multifrequency address signaling or out of band SS7 signaling. With multifrequency address signaling and SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

- 6. <u>SWITCHED ACCESS SERVICE (Cont'd)</u>
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (4) FGD switching, when used in the originating direction, is provided with multifrequency address signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency, dial pulse address signals, or common channel signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.
 - (5) FGD switching, when used in the terminating direction, may be used to access valid NXX's in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customer's services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX Codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed.

The customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that

- 6. <u>SWITCHED ACCESS SERVICE (Cont'd)</u>
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (A) Description (Cont'd)
 - (5) (Cont'd)

customer's applicable service rates when the Telephone Company performs the billing function for the customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911, and 101XXXX access codes. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (7) The access code for FGD switching is a uniform access code of the form 101XXXX. A single access code will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer.

- 6. <u>SWITCHED ACCESS SERVICE</u> (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (7) (Cont'd)

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP).

When the 101XXXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer's premises.

- (8) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing 101XXXX uniform access code. Each telephone exchange service line may be marked with a code to identify which 101XXXX code its calls will be directed to for intraLATA and interLATA service.
- (9) Unless prohibited by technical limitations, the customer's Interim NXX Translation and/or 8XX Data Base traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-Interim NXX Translation and/or 8XX Data Base traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for Interim NXX Translation and/or 8XX Data Base traffic.

- 6. <u>SWITCHED ACCESS SERVICE (Cont'd)</u>
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (A) Description (Cont'd)
 - (10) When a customer has had FGB access in an end office and subsequently replaces the FGB access with FGD access, at the mutual agreement of the customer and the Telephone Company, the Telephone Company will direct calls dialed by the customer's end users using the customer's previous FGB access code to the customer's FGD access service.

The customer must be prepared to handle normally dialed FGD calls, as well as calls dialed with the FGB access code which requires the customer to receive additional address signaling from the end user. Such calls will be rated as FGD. The Telephone Company may, with 90 days written notice to the customer, discontinue this arrangement.

(B) <u>Testing Capabilities</u>

FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsyschronous 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. In additional to the tests described in 6.2, which are included with the installation of service and as ongoing routine testing, additional testing of facilities is available.

When FGD with SS7 signaling option is ordered, network compatibility and other operational tests will be performed cooperatively by the customer and Telephone Company.

6. <u>SWITCHED ACCESS SERVICE (Cont'd)</u>

6.2 Provision and Description of Switched Access Service Feature Group (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(C) <u>Transmission Specifications</u>

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or C is provided.
- When routed to an access tandem only Type A is provided.
- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office. Type DB Data Transmission Parameters are provided with FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.

(D) Optional Features

Where facilities permit, the Telephone Company will, at the option of the customer, provide optional features. These optional features are described in Section 6.2.6 following.

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6. <u>Switched Access Service</u> (Cont'd)

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6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)

6.2.5 Manner of Provision

BHMCs are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic among BHMC types is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are two major BHMC categories identified as Originating and Terminating. Originating BHMCs represent access capacity for carrying traffic from the end user to the customer. Terminating BHMCs represent access capacity for carrying traffic from the customer to the end user. When ordering capacity for FGC and FGD Access, the customer must at a minimum specify access capacity in terms of Originating BHMCs and/or Terminating BHMCs. Because some customers will wish to further segregate their originating traffic into separate trunk groups, or because segregation may be required by network considerations, Originating BHMCs are further categorized into Domestic, 800, 900, Operator and IDDD. Domestic BHMCs represent access capacity for carrying only domestic traffic other than 800, 900 and Operator traffic; IDDD BHMCs represent access capacity for carrying only international traffic; and, 800, 900 and Operator BHMCs represent access capacity for carrying, respectively, only 800, 900 or Operator traffic. When ordering such types of access capacity, the customer must specify Domestic, 800, 900, Operator or IDDD BHMCs.

- 6.2.6 Common Switching Transport Termination and Interim NXX Translation Optional Features
 - (A) Optional Features
 - (1) Common Switching Nonchargeable Option Features
 - (a) <u>Call Denial on Line or Hunt Group</u>

 This option allows for the screening of terminating Feature Group A calls. There are two screening arrangements available with this option as follows: 1) limiting terminating

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6. <u>Switched Access Service</u> (Cont'd)

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- 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u>
 (Cont'd)
 - 6.2.6 <u>Common Switching Transport Termination and Interim NXX</u>

 <u>Translation Optional Features</u>
 - (A) Optional Features (Cont'd)
 - (1) <u>Common Switching Nonchargeable Optional Features</u> (Cont'd)
 - (a) Call Denial on Line or Hunt Group (Cont'd)

calls for completion to only 411 or 555-1212 whichever is available, 611, 911, 800 and a Telephone Company specified set of NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided or, 2) limiting terminating calls to completion to only the NXXs associated with all end offices in the LATA, i.e., the call cannot be further switched or routed out of the LATA nor will calls be completed to 411 or 555-1212 whichever is available, 611, 911 or 800. All other calls are routed to a reorder tone or recorded announcement. Arrangement provided in all Telephone Company electronic offices and, where available, electromechanical end offices. Arrangement 2 is provided where available. This feature is available with Feature Group A.

(b) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the LATA, and for disallowing completion of calls to 0-, 555 and N11 (e.g., 411, 611 and 911). This feature is provided where available in all Telephone Company electronic end offices and electromechanical end offices. It is available with Feature Group A.

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- 6. Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.6 Common Switching Transport Termination and Interim NXX <u>Translation Optional Features</u> (Cont'd)
 - (A) Optional Features (Cont'd)
 - (1) Common Switching Nonchargeable Optional Features (Cont'd)
 - (C) Hunt Group Arrangement

optional provides the ability to sequentially access one or two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Feature Group A. All Feature Group A access services in the same hunt group must provide off-hook supervisory signalling from the same point in time in the call sequence, i.e., all off-hook supervisory signals must either be provided by the customer's equipment before the called party answers or all must be forwarded by the customer's equipment when the called party answers.

Uniform Call Distribution Arrangement (d)

> This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in hunt group. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Feature Group A.

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