

FACILITIES FOR INTRASTATE ACCESS

ADOPTION NOTICE

Effective July 28, 2009, CenturyTel of Missouri, LLC registered the fictitious name CenturyLink. Effective October 19, 2009, CenturyTel of Missouri, LLC, began operating under the name CenturyLink. As such, CenturyTel of Missouri, LLC d/b/a/ CenturyLink hereby adopts, ratifies and makes its own, in every respect as if the same had been originally filed by it, all schedules, rules, notices, concurrences, schedule agreements, divisions, authorities or other instruments whatsoever, filed with the Missouri Public Service Commission, State of Missouri, by or adopted by CenturyTel of Missouri, LLC prior to October 18, 2009.

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

(N)

(N)

ISSUED:
September 10, 2009

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

EFFECTIVE:
October 19, 2009

FACILITIES FOR INTRASTATE ACCESS

Missouri Public

REC'D JUL 15 2002

Service Commission

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

provided by

CenturyTel of Missouri, LLC

to Intrastate Customers

of this Telephone Company in Missouri

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

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Jeffrey Glover
Vice President External Relations
Monroe, Louisiana

Missouri Public
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Gary Kepley
Director - Regulatory Operations
New Century, Kansas

15-02A

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(C)

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Mark Brinton
Director Government Operations
Denver, Colorado

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- (A) Standard Arrangements
- (B) Optional Arrangements

5.7.8 (Reserved for Future Use)

5.7.9 High Capacity Digital FT1 Facilities

- (A) Standard Arrangement
- (B) **(Reserved for Future Use)**

(C)

5.8 Miscellaneous Special Access Services

5.8.1 Clear Channel Capability

5.9 Individual Case Basis Rates and Charges

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- 5.7.7 High Capacity Digital DS-1 (1.544 Mbps) Facilities
 - (A) Standard Arrangements
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5.8 Miscellaneous Special Access Services

- 5.8.1 Clear Channel Capability

5.9 Individual Case Basis Rates and Charges

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FACILITIES FOR INTRASTATE ACCESS

CONCURRING CARRIERS
No Concurring Carriers

CONNECTING CARRIERS
No Connecting Carriers

OTHER PARTICIPATING CARRIERS
No Other Participating Carriers

EXPLANATION OF SYMBOLS

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

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FACILITIES FOR INTRASTATE ACCESS

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CONCURRING CARRIERS
No Concurring Carriers

CONNECTING CARRIERS
No Connecting Carriers

OTHER PARTICIPATING CARRIERS
No Other Participating Carriers

EXPLANATION OF SYMBOLS

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

EXPLANATION OF ABBREVIATIONS

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

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

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

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

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EXPLANATION OF ABBREVIATIONS (Cont'd)

- ECCKT - Exchange Carrier Circuit ID
- ELEPL - Equal Level Echo Path Loss
- E&M - The Receive and Transmit Leads of a Signaling System
- EML - Expected Measured Loss
- EPL - Echo Path Loss
- ERL - Echo Return Loss
- f - frequency
- FCC - Federal Communications Commission
- FCO - Foreign Central Office Service
- FIA - Facilities for Intrastate Access
- FNPA - Foreign Numbering Plan Area
- GTOC - Operating Telephone Companies of GTE Corporation
- GSEC - General Services and Equipment Code
- HC - High Capacity
- HNPA - Home Numbering Plan Area
- Hz - Hertz
- IA - Interface Arrangement
- IC - Interexchange Carrier
- ICB - Individual Case Basis
- IDDD - International Direct Distance Dialing
- ILP - Initial Liability Period
- IP - Interconnection Point
- kbps - kilobits per second
- kHz - kilohertz
- LATA - Local Access and Transport Area
- LEC - Local Exchange Carrier
- Ma - Milliampere
- Mbps - Megabits per second
- MHz - Megahertz
- MJU - Multi-Junction Unit
- MRC - Monthly Recurring Charge
- MST - Manual Scheduled Testing
- MTL - Maximum Termination Liability
- NA - Not Available
- NANP - North American Numbering Plan
- NECA - National Exchange Carrier Association
- NPA - Numbering Plan Area
- NRC - Nonrecurring Charge
- NST - Nonscheduled Testing
- NXX - Three Digit Central Office Code
- OPS - Off-Premises Station
- PBX - Private Branch Exchange
- PCM - Pulse Code Modulation
- POT - Point of Termination
- RMC - Recurring Monthly Charge
- rms - root-mean-square
- SCFA - Secondary Connecting Facility Assignment
- SF - Single Frequency
- SRL - Singing Return Loss
- STR - Switched Transport Rate
- TDCF - Total Day Conversion Factor
- TLP - Transmission Level Point
- TV - Television
- UL - Under Utilization Liability
- VG - Voice Grade
- V&H - Vertical & Horizontal
- WA - Wideband Analog
- WATS - Wide Area Telecommunications Service

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FACILITIES FOR INTRASTATE ACCESS

EXPLANATION OF ABBREVIATIONS (Cont'd)

OPS – Off-Premises Station
PBX – Private Branch Exchange
PCM – Pulse Code Modulation
POT – Point of Termination
PSTN – Public Switched Telephone Network
PVU – Percent VoIP Usage

(N)

RMC – Recurring Monthly Charge
rms – root-mean-square

SCFA – Secondary Connecting Facility Assignment
SF – Single Frequency
SRL – Singing Return Loss
STR – Switched Transport Rate

TDCF – Total Day Conversion Factor
TDM – Time Division Multiplexing
TLP – Transmission Level Point
TV – Television

UL – Under Utilization Liability

VG – Voice Grade
VoIP – Voice over Internet Protocol

V&H – Vertical & Horizontal
WA – Wideband Analog
WATS – Wide Area Telecommunications Service

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FACILITIES FOR INTRASTATE ACCESS

EXPLANATION OF ABBREVIATIONS (Cont'd)

| | |
|---|-----|
| OPS - Off-Premises Station | (M) |
| PBX - Private Branch Exchange | |
| PCM - Pulse Code Modulation | |
| POT - Point of Termination | |
| PSTN - Public Switched Telephone Network | (N) |
| RMC - Recurring Monthly Charge | |
| rms - root-mean-square | |
| SCFA - Secondary Connecting Facility Assignment | |
| SF - Single Frequency | |
| SRL - Singing Return Loss | |
| STR - Switched Transport Rate | |
| TDCF - Total Day Conversion Factor | |
| TDM - Time Division Multiplexing | (N) |
| TLP - Transmission Level Point | |
| TV - Television | |
| UL - Under Utilization Liability | |
| VG - Voice Grade | |
| VoIP - Voice over Internet Protocol | (N) |
| V&H - Vertical & Horizontal | |
| WA - Wideband Analog | |
| WATS - Wide Area Telecommunications Service | (M) |

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FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

Service Commission

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.7 Changes and Substitutions

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

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

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

2.1.8 Discontinuance and Refusal of FIA

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

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2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

2.3.7 Balance

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

2.3.8 Design of Customer Services

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

2.3.9 References to Telephone Company

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

2.3.10 (Reserved for Future Use)

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 FIA provided under this tariff, any circuit, apparatus, system or method provided by the customer, the IC or its end users.

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

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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

2.3.13 Identification and Rating of VoIP-PSTN Traffic

(A) Scope

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

(B) VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to the Telephone Company's applicable tariffed interstate switched access rate as specified in Sections 15 and 16.

(C) Calculation and Application of Percent-VoIP-Usage Factors

Telephone Company will determine the number of VoIP-PSTN Traffic minutes of use ("MOU") to which interstate rates will be applied under (B) preceding, by applying an originating Percent VoIP Usage ("PVU") factor to the total intrastate access MOU originated by a Telephone Company end user and delivered to the customer and by applying a terminating PVU factor to the total intrastate access MOU terminated by a customer to the Telephone Company's end user.

(N)

(N)

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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

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

(C) Calculation and Application of Percent-VoIP-Usage Factors (Cont'd)

- (1) The customer will calculate and furnish to the Telephone Company an originating PVU factor representing the whole number percentage of the customer's total originating intrastate access MOU that the customer exchanges with the Telephone Company in the state that is received from the Telephone Company and that is terminated in IP format and that would be billed by the Telephone Company as intrastate access MOU.
- (2) The customer will calculate and furnish to the Telephone Company a terminating PVU factor representing the whole number percentage of the customer's total terminating intrastate access MOU that the customer exchanges with the Telephone Company in the state that is sent to the Telephone Company and which originated in IP format and that would be billed by the Telephone Company as intrastate access MOU.
- (3) The customer shall not modify their reported PIU factor to account for VoIP-PSTN traffic.
- (4) Both the customer provided originating PVU and the terminating PVU shall be based on information such as the number of the customer's retail VoIP subscriptions in the state (e.g. as reported on FCC Form 477), traffic studies, actual call detail or other relevant and verifiable information which will be provided to Telephone Company upon request.
- (5) The customer shall retain the call detail, work papers and information used to develop the PVU factors for a minimum of one year.
- (6) If the customer does not furnish the Telephone Company with a PVU factor, the Telephone Company will utilize a PVU equal to zero.

(N)

(N)

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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

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

(F) PVU Factor Verification (Cont'd)

- (2) The Telephone Company may dispute the customer's PVU factor based upon:
- (a) A review of the requested data and information provided by the customer.
 - (b) The Telephone Company's reasonable review of other market information, FCC reports on VoIP lines, such as FCC Form 477 or state level results based on FCC Local Competition Report or other relevant data.
 - (c) A change in the reported PVU factor by more than five percentage points from the preceding quarter.
- (3) If after review of the data and information, the customer and the Telephone Company establishes revised PVU factors, the customer and the Telephone Company will begin using those revised PVU factors with the next bill period.
- (4) If the dispute is unresolved, the Telephone Company may initiate an audit. The Telephone Company shall limit audits of the customer's PVU factor to no more than twice per year. The customer may request that the audit be conducted by an independent auditor. In such cases, the associated auditing expenses will be paid by the customer.
- (a) In the event that the customer fails to provide adequate records to enable the Telephone Company or an independent auditor to conduct an audit verifying the customer's PVU factors, the Telephone Company will bill the usage for all contested periods using the most recent undisputed PVU factors reported by the customer. These PVU factors will remain in effect until the audit can be completed.

(N)

(N)

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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

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|
(M)

2.4 Payment Arrangements and Credit Allowances

2.4.1 Payment of Charges and Deposits

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

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

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

In case of a cash deposit, for the period the deposit is held by the Telephone Company, the customer will receive simple annual interest at the percentage rate specified in the Telephone Company General and/or Local Tariff.

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

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2. GENERAL REGULATIONS (Cont'd)

2.3 Obligation of the Customer (Cont'd)

2.3.12 (Reserved for Future Use)

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.

2.4 Payment Arrangements and Credit Allowances

2.4.1 Payment of Charges and Deposits

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

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

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

In case of a cash deposit, for the period the deposit is held by the Telephone Company, the customer will receive simple annual interest at the percentage rate specified in the Telephone Company General and/or Local Tariff.

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

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2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Charges and Deposits (Cont'd)

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

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

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

(D) All bills to the customer are due 31 days (payment date) after the bill date or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval. In the event the customer does not remit payment in immediately available funds by the payment date, the FIA may be discontinued as specified in 2.1.8.

(1) If the entire amount billed is not received by the Telephone Company in immediately available funds by the payment date, an additional charge (late payment charge) equal to 1/12th of the percentage rate for deposit interest as that in 2.4.1(A) of the unpaid balance will be applied for each month or portion thereof that an outstanding balance remains.

If such payment date would cause payment to be due on a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, the second Tuesday in November and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed), payment for such bills will be due from the customer as follows:

- If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.
- If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday.

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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Charges and Deposits (Cont'd)

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

The customer will receive its bill in; 1) a paper format, 2) a paper format bill summary with a magnetic tape to provide the detailed information of the bill, 3) magnetic tape only, or 4) via electronic transmission. Such bills are due when rendered regardless of the media utilized. Adjustments for the quantities of FIA established or discontinued in any billing period beyond the minimum period in 2.4.2 will be prorated to the number of days based on a 30 day month. The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.

- (D) All bills to the customer are due 31 days (payment date) after the bill date or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval. In the event the customer does not remit payment in immediately available funds by the payment date, the FIA may be discontinued as specified in 2.1.8.
- (1) If the entire amount billed is not received by the Telephone Company in immediately available funds by the payment date, an additional charge (late payment charge) equal to 1/12th of the percentage rate for deposit interest as that in 2.4.1(A) of the unpaid balance will be applied for each month or portion thereof that an outstanding balance remains.

If such payment date would cause payment to be due on a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, the second Tuesday in November and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed), payment for such bills will be due from the customer as follows:

- If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.
- If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday.

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FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

Service Commission.

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Charges and Deposits (Cont'd)

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

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

The customer will receive its bill in; 1) a paper format, 2) a paper format bill summary with a magnetic tape to provide the detailed information of the bill, 3) magnetic tape only, or 4) via electronic transmission. Such bills are due when rendered regardless of the media utilized. Adjustments for the quantities of FIA established or discontinued in any billing period beyond the minimum period in 2.4.2 will be prorated to the number of days based on a 30 day month. The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.

(D) All bills to the customer are due 31 days (payment date) after the bill date or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval. In the event the customer does not remit payment in immediately available funds by the payment date, the FIA may be discontinued as specified in 2.1.8.

(1) If the entire amount billed is not received by the Telephone Company in immediately available funds by the payment date, an additional charge (late payment charge) equal to 1/12th of the percentage rate for deposit interest as that in 2.4.1(A) of the unpaid balance will be applied for each month or portion thereof that an outstanding balance remains.

If such payment date would cause payment to be due on a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, the second Tuesday in November and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed), payment for such bills will be due from the customer as follows:

- If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.
- If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday.

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FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.3 Cancellation of an ASR

Provisions for the cancellation of an ASR are in 3.2.6.

2.4.4 Credit Allowance for FIA Interruptions

(A) General

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

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

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

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

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FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

Service Commission

2.6 Definitions (Cont'd)

Common Line

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

Communications System

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

Confirmed ASR

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

Confirming Design Layout Report Date

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

Conventional Signaling

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

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FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Service Commission

Customer

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

Customer Designated Location

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

D-Conditioning

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

Daily Busiest Hour

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

Data Transmission (107-Type) Test Line

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

Dual Tone Multifrequency Address Signaling

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

Echo Path Loss

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

Echo Return Loss

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

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FACILITIES FOR INTRASTATE ACCESS

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Service Commission

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Non-Overlap Outpulsing

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

Nonrecoverable Cost

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

Nonsynchronous Test Line

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

North American Numbering Plan

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

NSEP Treatment

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

Off-Hook

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

On-Hook

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

Open Circuit Test Line

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

Operator Services Provider

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

Operator Services Switching Location (OSSL)

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

Operator Services System

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

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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Statistical Multiplexing

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

Synchronous Test Line

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

Telecommunications Service Priority (TSP) System

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

Temporary Facilities

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

Terminating Direction

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

Toll VoIP-PSTN Traffic

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

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Trunk

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

Trunk Group

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

FACILITIES FOR INTRASTATE ACCESS

Missouri Public

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Service Commission

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Statistical Multiplexing

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

Synchronous Test Line

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Terminating Direction

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Trunk Group

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

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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Toll VoIP-PSTN Traffic

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

Trunk

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

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

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FACILITIES FOR INTRASTATE ACCESS

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2. GENERAL REGULATIONS (Cont'd)

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

Service Commission

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(a) Single Bill Option (Cont'd)

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

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

The Single Bill option provides for Single Bill/Single Tariff which is described following:

Single Bill/Single Tariff

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

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

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

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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

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

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(b) Multiple Bill Option

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

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

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

(c) Meet Point Billing Mileage Calculation

Each Telephone Company's portion of the Switched Transport and/or Special Transport mileage will be determined as follows:

- (1) For Switched Access Tandem-Switched Transport Services, determine the appropriate Tandem-Switched Transport - Facility total miles by computing the number of miles from the access tandem to the serving wire center in the Access Area (i.e., end user serving wire center, or WATS Serving Office), using the V&H method as set forth in the NECA Tariff FCC No. 4. For Special Access Services, and Switched Access Direct-Trunked Transport determine the appropriate Special Transport or Direct-Trunked Transport total miles by computing the number of miles between the serving wire centers involved (i.e., CDL serving wire center, Hub Wire Center, WATS Serving Office, end office, or access tandem) using the V&H method as set forth in the NECA Tariff FCC No. 4. Where the calculated miles include a fraction, the value is rounded up to the next full mile. (C)
- (2) Determine the billing percentage (BP), as set forth in the NECA Tariff FCC No. 4(*). This represents the portion of the Service provided by each telephone company.
- (3) For Switched Access Tandem-Switched Transport; (a) multiply the number of access minutes of use times the number of airline miles as set forth in (1), times the BP of each Telephone Company as set forth in (2), times the Tandem-Switched Transport - Facility rate; (b) multiply the Tandem-Switched Transport - Termination rate times the number of access minutes times the quantity of terminations. (C)

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

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FACILITIES FOR INTRASTATE ACCESS

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Service Commission

2. GENERAL REGULATIONS (Cont'd)

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

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(b) Multiple Bill Option

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

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

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

(c) Meet Point Billing Mileage Calculation

Each Telephone Company's portion of the Switched Transport and/or Special Transport mileage will be determined as follows:

- (1) For Switched Access Services, determine the appropriate Switched Transport Facility total miles by computing the number of miles from the wire center that normally serves the CDL to the serving wire center in the Access Area (i.e., end user serving wire center, or WATS Serving Office), using the V&H method as set forth in the NECA Tariff FCC No. 4.(*) For Special Access Services, determine the appropriate Special Transport total miles by computing the number of miles between the serving wire centers involved (i.e., CDL serving wire center or Hub Wire Center or WATS Serving Office) using the V&H method as set forth in the NECA Tariff FCC No. 4.(*) Where the calculated miles include a fraction, the value is always rounded up to the next full mile.
- (2) Determine the billing percentage (BP), as set forth in the NECA Tariff FCC No. 4.(*) This represents the portion of the Service provided by each telephone company.
- (3) For Switched Access Service, using the BP method; (a) multiply the number of access minutes of use times the number of airline miles as set forth in (1), times the BP of each Telephone Company as set forth in (2), times the Switched Transport Facility rate; (b) multiply the Switched Transport Termination rate times the number of access minutes times the quantity of terminations.

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

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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

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

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Meet Point Billing Mileage Calculation (Cont'd)

(3) (Cont'd)

Example of Billing Percentage (BP) Method Using the Multiple Bill Option:

The Switched Transport Facility between Office X and Office Y is jointly provided by telephone companies A and B. The following example reflects the rate for telephone company A. Rates for telephone company B would appear in its appropriate Access Tariff.

(A) Airline miles from telephone company A (office X) to telephone company B (office Y) = 50 airline miles as set forth in NECA Tariff FCC No. 4.(*)

(B) Billing Percentage for each telephone company (from NECA Tariff FCC No. 4 (*)).

Telephone Company A = 40%
Telephone Company B = 60%

(C) Access Minutes for Telephone Company A = 9000.

(D) Tandem-Switched Transport-Facility rate for Telephone Company A = SWT FAC (C)

(E) Tandem-Switched Transport-Termination rate = SWT TERM (C)

NOTE: The Tandem-Switched Transport-Termination rate does not apply in situations where there is an intermediate, non-terminating Local Exchange Carrier involved in the provision of the Switched Transport Facility. (C)

Formula:

Access Minutes (AM) x Airline Miles (ALM) x Billing Percentage (BP) x Switched Transport Facility Rate (SWT FAC) + [Tandem-Switched Transport Termination Rate (SWT TERM) x Access Minutes (AM) x Quantity of Terminations (TERMS)] = Total (C)

Calculation:

Telephone Company A

AM ALM BP SWT FAC SWT TERM AM TERMS
9,000 x 50 x .40 x SWT FAC + [SWT TERM x 9,000 x TERMS]=TOTAL

(4) For Special Access and for Switched Access Direct-Trunked Transport, multiply the number of airline miles as in (1), times the BP for each telephone company as in (2), times the Special Transport or Direct-Trunked Transport Facility rate elements. For DS1 and DS3 Special Transport and DS1 and DS3 Direct-Trunked Transport, multiply the Special Transport Termination or Direct-Trunked Transport Termination rate times the number of terminations provided by the Telephone Company. (C)

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

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2. GENERAL REGULATIONS (Cont'd)

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

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(c) Meet Point Billing Mileage Calculation (Cont'd)

(3) (Cont'd)

Example of Billing Percentage (BP) Method Using the Multiple B1 Option:

The Switched Transport Facility between Office X and Office Y is jointly provided by telephone companies A and B. The following example reflects the rate for telephone company A. Rates for telephone company B would appear in its appropriate Access Tariff.

(A) Airline miles from telephone company A (office X) to telephone company B (office Y) = 50 airline miles as set forth in NECA Tariff FCC No. 4. (*)

(B) Billing Percentage for each telephone company (from NECA Tariff FCC No. 4 (*)).

Telephone Company A = 40%
Telephone Company B = 60%

(C) Access Minutes for Telephone Company A = 9000.

(D) Switched Transport Facility rate for Telephone Company A = SWT FAC

(E) Switched Transport Termination Rate = SWT TERM

NOTE: The Switched Transport Termination rate does not apply in situations where there is an intermediate, non-terminating Local Exchange Carrier involved in the provision of the Switched Transport Facility.

Formula:

Access Minutes (AM) x Airline Miles (ALM) x Billing Percentage (BP) x Switched Transport Facility Rate (SWT FAC) + [Switched Transport Termination Rate (SWT TERM) x Access Minutes (AM) x Quantity of Terminations (TERMS)] = Total

Calculation:

Telephone Company A

AM ALM BP SWT FAC SWT TERM AM TERMS
9,000 x 50 x .40 x SWT FAC + [SWT TERM x 9,000 x TERMS] = TOTAL

(4) For Special Access, multiply the number of airline miles as in (1), times the BP for each telephone company as in (2), times the Special Transport rate.

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

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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

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

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

- (d) All other appropriate recurring and nonrecurring charges in each telephone company's Access tariff are applicable.
- (e) Where the Tandem-Switched Transport - Facility is provided by more than one telephone company, the Tandem-Switched Transport - Termination rate applies for the termination at the Telephone Company end of the Tandem-Switched Transport (i.e., the first point of switching or the end office serving the end user). The Tandem-Switched Transport - Termination rate will not apply when the Telephone Company is the intermediate provider of the Switched Transport Facility. (C)
- (f) The Interconnection charge for Switched Transport shall be billed by the Telephone Company in whose territory the end office is located. (N)
- (g) The Shared Trunk Port for Tandem-Switched Transport shall be billed by the Telephone Company in whose territory the end office is located.
- (h) For tandem routed trunks, the dedicated trunk port shall be billed by the Telephone Company owning the tandem. For end office direct routed trunks, the dedicated trunk port shall be billed by the Telephone Company owning the end office on a single bill, single tariff or multiple bill, multiple tariff meet point billing arrangement.
- (i) The shared multiplexing charge will be assessed to the interexchange carrier by the Telephone Company owning the access tandem under the multiple bill, multiple tariff meet point billing option, and to the initial billing company, by the Telephone Company owning the access tandem, under the single bill, single tariff meet point billing option. (N)

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2. GENERAL REGULATIONS (Cont'd)

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

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(d) All other appropriate recurring and nonrecurring charges in each telephone company's Access tariff are applicable.

(e) Where the Switched Transport Facility is provided by more than one telephone company, the Switched Transport Termination rate applies for the termination (i.e., the first point of switching and/or the end office serving the end user) at the Telephone Company end of the Switched Transport Facility. The Switched Transport Termination rate will not apply when the Telephone Company is the intermediate provider of the Switched Transport Facility.

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3. ORDERING OPTIONS FOR FIA

Service Commission

3.1 General

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

3.1.1 Ordering Conditions

- (A) A customer may order any amount of FIA (Switched or Special) of the same interface type, same Feature Group, same BSA or same Special Access between the same locations for installation on the same date on a single FIA ASR. A customer may order the changed use of Switched Access and Special Access over the same high capacity facility however, separate FIA ASRs are required. The methodology for shared use is set forth in 5.6.7.
 - ASRs for FGA or BSA-A must be in number of lines required.
 - ASRs for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service may be in trunks or Busy Hour Minutes of Capacity (BHMC).

Additional ASR requirements for Switched Access Service are described in 4.2.1, 4.2.5(V) and 4.3.2.

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

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

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

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

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

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

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

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3. ORDERING OPTIONS FOR FIA (Cont'd)

Service Commission

3.1 General (Cont'd)

3.1.1 Ordering Conditions (Cont'd)

(E) (Cont'd)

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

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

D = $100 \times .659 = 66$
C = $200 \times .659 = 132$
B = $200 \times .659 = 132$
A = $300 \times .659 = 197$

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

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

(**) Will not assign more than desired

(F) When a customer orders a DS3 SAL, he may specify, on the ASR, if the interface is to be electrical or an optical. In the event the customer does not specify an interface preference for DS3, the Telephone Company will provide an electrical interface.

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

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3. ORDERING OPTIONS FOR FIA (Cont'd)

Service Commission

3.1 General (Cont'd)

3.1.1 Ordering Conditions (Cont'd)

- (L) When ordering Signaling System 7 (SS7) Out of Band Signaling as described in 4.2.5(A)(A), the customer shall provide an ASR specifying a reference to existing CCS7 Access service facilities or reference to a related ASR for CCS7 Access service as described in 3.1.1(G). The customer's ASR shall also include STP point codes, STP location identifier codes, FGD or BSA-D trunk or 800/888/877 Service Access trunk circuit identification codes, and switch type. When ordering SS7 Out of Band Signaling for FGD or BSA-D, the customer shall specify that all traffic carried by that FGD or BSA-D will be equipped with out of band signaling. The customer shall work cooperatively with the Telephone Company to determine the number of CCS7 Access service connections required to handle the customer's SS7 Out of Band Signaling traffic.
- (M) (Reserved for Future Use)
- (N) (Reserved for Future Use)
- (O) When ordering FGD or BSA-D Switched Access with 950-XXXX Access as described in 4.2.5(T), the customer shall provide an ASR specifying which 950-XXXX access code(s) are to be routed and the FGD or BSA-D Switched Access Service over which the resulting originating 950-XXXX access code calls are to be routed.

3.1.2 Provision of Other Services

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

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3. ORDERING OPTIONS FOR FIA (Cont'd)

3.1 General (Cont'd)

3.1.3 Special Construction

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

3.2 Access Service Request

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

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

3.2.1 Service Date Intervals

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

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3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.2 ASR Modifications

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

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

(A) Service Date Change Charge

ASR service dates may be changed, however a Service Date Change Charge will apply for each service date change after the Plant Test Date on the ASR.

For Switched Access, the new service date may not exceed the original service date by more than 30 calendar days. If the requested service date is more than 30 calendar days after the original service date, the ASR will be canceled by the Telephone Company and cancellation charges in 3.2.6 will apply. The ASR will be reissued with the new service date.

For Special Access, except as specified below, the new service date may not exceed the original service date by more than 30 calendar days. If the requested service date is more than 30 calendar days after the original service date, the ASR will be canceled by the Telephone Company. Cancellation charges in 3.2.6 will apply and the ASR will be reissued with the new service date unless the customer indicates that billing for the service is to commence as in 3.2.6(A).

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

| | Switched Access Charge * | Special Access Charge | (T) |
|--------------------------------|-----------------------------|--------------------------|-----|
| Service Date Change Charge | | | (T) |
| CenturyTel of Missouri | \$13.11 (R) | \$26.21 | (C) |
| CenturyTel of Central Missouri | \$18.76 (N) | \$37.51 (N) | (N) |

* This flat rated charge was calculated based upon a 50/50 split between originating and terminating. The FCC in their FCC 11-161 ICC Transformation Order in Section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes. (N)

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FACILITIES FOR INTRASTATE ACCESS

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.2 ASR Modifications

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

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

(A) Service Date Change Charge

ASR service dates may be changed, however a Service Date Change Charge will apply for each service date change after the Plant Test Date on the ASR.

For Switched Access, the new service date may not exceed the original service date by more than 30 calendar days. If the requested service date is more than 30 calendar days after the original service date, the ASR will be canceled by the Telephone Company and cancellation charges in 3.2.6 will apply. The ASR will be reissued with the new service date.

For Special Access, except as specified below, the new service date may not exceed the original service date by more than 30 calendar days. If the requested service date is more than 30 calendar days after the original service date, the ASR will be canceled by the Telephone Company. Cancellation charges in 3.2.6 will apply and the ASR will be reissued with the new service date unless the customer indicates that billing for the service is to commence as in 3.2.6(A).

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

| | <u>Rate</u> |
|--|-------------|
| Service Date Change Charge CenturyTel of Missouri | \$26.21 |

(N)

FACILITIES FOR INTRASTATE ACCESS

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3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.2 ASR Modifications

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

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

(A) Service Date Change Charge

ASR service dates may be changed, however a Service Date Change Charge will apply for each service date change after the Plant Test Date on the ASR.

For Switched Access, the new service date may not exceed the original service date by more than 30 calendar days. If the requested service date is more than 30 calendar days after the original service date, the ASR will be canceled by the Telephone Company and cancellation charges in 3.2.6 will apply. The ASR will be reissued with the new service date.

For Special Access, except as specified below, the new service date may not exceed the original service date by more than 30 calendar days. If the requested service date is more than 30 calendar days after the original service date, the ASR will be canceled by the Telephone Company. Cancellation charges in 3.2.6 will apply and the ASR will be reissued with the new service date unless the customer indicates that billing for the service is to commence as in 3.2.6(A).

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

| | |
|--------|-------------|
| | <u>Rate</u> |
| (USOC) | (SUM) |
| | \$64.95 |

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3. ORDERING OPTIONS FOR FIA (Cont'd)

Service Commission

3.2 Access Service Request (Cont'd)

3.2.4 Minimum Period

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

3.2.5 Minimum Period Charges

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

The Minimum Period Charge will be determined as follows:

- (A) (Reserved for Future Use)
- (B) For Special Access, the charge is the applicable monthly rate for the service(s) as in 5.7.
- (C) (Reserved for Future Use)

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FACILITIES FOR INTRASTATE ACCESS

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.5 Minimum Period Charges (Cont'd)

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

3.2.6 Cancellation of an ASR

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

For Switched Access Tandem-Switched Transport or ASRs requesting additional trunk activations on existing Direct-Trunked Transport facilities, if a customer is unable to accept service within 30 calendar days of the original service date, the ASR shall be considered canceled and charges in (C) and (D) will apply. In such instances, the cancellation date shall be the 31st calendar day beyond the original service date of the ASR. (C)
(C)

For Special Access and Switched Access Entrance Facilities and Direct-Trunked Transport, if a customer is unable to accept service within 30 calendar days of the original service date, the customer has the choice of the following options: (C)
(C)

- The Special Access ASR shall be canceled and charges in (C) will apply, or
- Billing for the service will commence.

In either case, the cancellation date or the billing date shall commence on the 31st calendar day beyond the original service date of the ASR.

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

3.2.6 Cancellation of an ASR

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

For Switched Access, if a customer is unable to accept service within 30 calendar days of the original service date, the ASR shall be considered canceled and charges in (C) and (D) will apply. In such instances, the cancellation date shall be the 31st calendar day beyond the original service date of the ASR.

For Special Access, if a customer is unable to accept service within 30 calendar days of the original service date, the customer has the choice of the following options:

- The Special Access ASR shall be canceled and charges in (C) will apply, or
- Billing for the service will commence.

In either case, the cancellation date or the billing date shall commence on the 31st calendar day beyond the original service date of the ASR.

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4. SWITCHED ACCESS

4.1 General

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

(C)
(C)

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

(N)
|
(N)

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

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

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

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

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

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

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

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4. SWITCHED ACCESS

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4.1 General

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

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

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

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

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

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

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

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

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(C) Feature Group C

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

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

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

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

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4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(C) Feature Group C (Cont'd)

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

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(D) Feature Group D (Cont'd)

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

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

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

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

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

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

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

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4.2.1 Descriptions of Feature Groups (Cont'd)

(D) Feature Group D (Cont'd)

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

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

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4.2.1 Descriptions of Feature Groups (Cont'd)

(D) Feature Group D (Cont'd)

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

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

4.2.1 Descriptions of Feature Groups (Cont'd)

(E) SAC Access Service (Cont'd)

- (5) For other than FGC or BSA-C, end offices that lack equal access or the Customer Identification Function capabilities, may only be served via a Telephone Company access tandem over FGD or BSA-D trunks or SAC Access Service trunk groups. For FGC or BSA-C, SAC Access Service can be provided through existing trunk groups or separate FGC or BSA-C trunk groups which handle SAC Access Service. SAC Access Service from a Telephone Company access tandem, with both equal and nonequal access end offices, can be combined on a single FGD or BSA-D trunk group to the CDL. SAC Access Service from a Telephone Company access tandem with non-equal access end offices can be provided on a FGC or a BSA-C trunk group.
- (6) 500 SAC Access Services originating from equal access end offices with the 500 Customer Identification Function, described in 4.2.20, may be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 900 SAC Access Service originating from equal access end offices with the 900 Customer Identification Function, described in 4.2.12, may be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 800/888/877 SAC Access Service originating from equal access end offices with the 800/888/877 Customer Identification Function described in 4.2.11 may be provided using exchange access signaling without overlap outpulsing and with ten digit ANI. SAC Access Service originating from equal access end offices without the Customer Identification Function capabilities, or from end offices not having equal access capability, may be provided using conventional signaling. On traffic using conventional signaling, other than FGC or BSA-C, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits.

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

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

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

Telephone Company switch and customer premises interface as in 4.2.3 for FGD and BSA-D also apply to SAC Access Service.

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

Service Commission

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

(D) BSA-D (Cont'd)

- (12) BSA-D may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.22, delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.
- (13) BSA-D may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDLs based on service prefix code (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 888, 877, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel). Service classes of traffic unable to be served by a customer will be handled at the option of the Telephone Company.
- (14) BSA-D will be arranged to accept calls from Telephone Company local service without the 101XXXX uniform access code. Each Telephone Company local service will be marked to identify which 101XXXX code its calls will be directed to for InterLATA Area service.
- (15) BSA-D may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement. The Trunk Access Limitation Arrangement provides for the routing of designated (e.g., 900 Service class code) originating calls to a specified number of transmission paths in a trunk group.

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4. SWITCHED ACCESS (Cont'd)

REC'D JUL 15 2002

4.2 Description of Switched Access (Cont'd)

Service Commission

4.2.3 Description of Switched Transport

(A) General

- (1) Switched Transport provides the transmission of Switched Access communications including SAC Access Service, between the CDL and the originating or terminating end office switch(es) in the Access Area with one exception. Switched Transport associated with FGA or BSA-A 1+ terminating traffic provides for the transmission of Switched Access outside the Access Area, however within the LATA. Switched Transport is made up of two rate elements which are the Switched Transport Facility rate and the Switched Transport Termination rate.

The Switched Transport Facility rate provides for the transmission path and for that portion of Switched Transport which extends beyond the Telephone Company end office/access tandem and includes both the physical outside plant facilities and necessary transmission equipment (repeaters, etc.) including that which may be found at intermediate offices. The Switched Transport Facility rate is both usage and distance sensitive.

The Switched Transport Termination rate provides for the communications transmission path at the Telephone Company Switching Office and includes the Wire Center Switching and circuit equipment (e.g., signaling, transmission devices, padding, carrier channels, trunk ports, etc.), used in conjunction with Switched Transport Facility as described above. The Switched Transport Termination rate is usage sensitive.

The application of the Switched Transport rates and the determination of the mileage measurement for Switched Transport Facility is in 4.5.2(N)(2).

- (2) Switched Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency path permits the transport of calls in the originating direction (from the end office switch to the CDL), and in the terminating direction (from the CDL to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The Telephone Company will work cooperatively with the customer in determining (1) whether the first point of switching will be an end office switch or an access tandem switch, and (2) the directionality of the service.

- (3) (Reserved for Future Use)

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport

(A) General

(1) (Cont'd)

The Interconnection Rate is assessed upon all customers for interconnecting with the Telephone Company's switched access network. The Interconnection Rate is further described in 4.2.3(E).

The Dedicated Switched Access Transport Rate is assessed upon customers subscribing to CCS7 Access Service for the use of facilities between the customer's common channel signaling network and the Telephone Company's signaling transfer point. It is a flat rated, distance-sensitive monthly rate. This rate element is further described in 4.2.3(A)(2).

The application of the Switched Transport rates and the determination of the mileage measurement for Switched Transport Facility is in 4.5.2(N)(2).

(2) Switched Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency path permits the transport of calls in the originating direction (from the end office switch to the CDL), and in the terminating direction (from the CDL to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. Direct-Trunked Transport and Entrance Facilities are composed of facilities as ordered by the customer.

The Telephone Company will work cooperatively with the customer in determining (1) whether the first point of switching will be an end office switch or an access tandem switch, and (2) the directionality of the service.

(3) For Tandem-Switched Transport the number of Switched Transport transmission paths provided between an end office switch and a Telephone Company access tandem are determined by the Telephone Company using standard traffic engineering methods. The number of Switched Transport transmission paths provided between the Telephone Company access tandem and serving wire center of the CDL is determined by the customer's order. If ordered in BHMC, the Telephone Company will determine the number of trunks, using standard traffic engineering methods. When Direct-Trunked Transport is ordered directly to a Telephone Company access tandem, facilities between the serving wire center of the CDL and the Telephone Company access tandem will be determined by the customer's order.

(N)

(N)

(M)

(M)

(C)

(C)

(M)

(M)

(C)

(N)

(N)

Certain material found on this page formerly appears on Original Sheet 104.14.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(A) General (Cont'd)

(4) The number of Switched Transport transmission paths provided between an end office switch and the first point of switching are determined by the Telephone Company using standard traffic engineering methods. The number of Switched Transport transmission paths provided between the first point of switching and the CDL is determined:

(a) by the customer, when ordering FGA or BSA-A, based on the number of lines ordered, or;

(b) by the Telephone Company, when the customer orders FGB, FGC, FGD, BSA-B, BSA-C, BSA-D or SAC Access Service. If ordered in trunks, the customer may determine the number of trunks. If ordered in BHMC, the Telephone Company will determine the number of trunks, using standard traffic engineering methods.

(B) Entrance Facility

The Entrance Facility provides the transmission path and interface between the Telephone Company provided Switched Access and customer provided facilities at the point of termination at the CDL.

Switched Access is provided in a number of separate Entrance Facilities. Each Entrance Facility provides a specified facility interface (e.g., two-wire, four-wire, DS1, etc.). Each High Capacity Analog or Digital Entrance Facility, as listed following, is subject to the minimum capacity requirements when ordered as in 3.5.5. Provision of the Entrance Facilities for two-wire and four-wire voice frequency Entrance Facility and any Optional Arrangements may require placement of Telephone Company equipment [e.g., supervisory signaling equipment as described in 4.2.3(G)(4)] on the customer's premises.

Where transmission facilities permit, the individual transmission paths between the point of termination and the first point of switching may, at the option of the customer, be provided with Optional Arrangements as in (C).

The following Standard Entrance Facilities are available:

- Two-Wire VF
- Four-Wire VF
- Group Analog (12/30/93 existing customers only) (C)
- Supergroup Analog (12/30/93 existing customers only) |
- Mastergroup Analog (12/30/93 existing customers only) (C)
- DS1 Digital
- DS1C Digital (12/30/93 existing customers only) (C)
- DS3 Digital
- DS3C Digital (12/30/93 existing customers only) (C)

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(A) General (Cont'd)

(4) The number of Switched Transport transmission paths provided between an end office switch and the first point of switching are determined by the Telephone Company using standard traffic engineering methods. The number of Switched Transport transmission paths provided between the first point of switching and the CDL is determined:

(a) by the customer, when ordering FGA or BSA-A, based on the number of lines ordered, or;

(b) by the Telephone Company, when the customer orders FGB, FGC, FGD, BSA-B, BSA-C, BSA-D or SAC Access Service. If ordered in trunks, the customer may determine the number of trunks. If ordered in BHMC, the Telephone Company will determine the number of trunks, using standard traffic engineering methods.

(B) Entrance Facility

The Entrance Facility provides the transmission path and interface between the Telephone Company provided Switched Access and customer provided facilities at the point of termination at the CDL.

Switched Access is provided in a number of separate Entrance Facilities. Each Entrance Facility provides a specified facility interface (e.g., two-wire, four-wire, DS1, etc.). Each High Capacity Analog or Digital Entrance Facility, as listed following, is subject to the minimum capacity requirements when ordered as in 3.5.5. Provision of the Entrance Facilities for two-wire and four-wire voice frequency Entrance Facility and any Optional Arrangements may require placement of Telephone Company equipment [e.g., supervisory signaling equipment as described in 4.2.3(G)(4)] on the customer's premises.

Where transmission facilities permit, the individual transmission paths between the point of termination and the first point of switching may, at the option of the customer, be provided with Optional Arrangements as in (C).

The following Standard Entrance Facilities are available:

- Two-Wire VF
- Four-Wire VF
- Group Analog
- Supergroup Analog
- Mastergroup Analog
- DS1 Digital
- DS1C Digital
- DS3 Digital
- DS3C Digital

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

Service Commission

4.2.3 Description of Switched Transport (Cont'd)

(A) General (Cont'd)

(4) The number of Switched Transport transmission paths provided between an end office switch and the first point of switching are determined by the Telephone Company using standard traffic engineering methods. The number of Switched Transport transmission paths provided between the first point of switching and the CDL is determined:

- (a) by the customer, when ordering FGA or BSA-A, based on the number of lines ordered, or;
- (b) by the Telephone Company, when the customer orders FGB, FGC, FGD, BSA-B, BSA-C, BSA-D or SAC Access Service. If ordered in trunks, the customer may determine the number of trunks. If ordered in BHMC, the Telephone Company will determine the number of trunks, using standard traffic engineering methods.

(B) Interface Arrangements

The Interface Arrangement provides the interface between the Telephone Company provided Switched Access and customer provided facilities at the point of termination at the CDL.

Switched Access is provided in a number of separate Interface Arrangements. Each Interface Arrangement provides a specified facility interface (e.g., two-wire, four-wire, DS1, etc.). Each High Capacity Analog or Digital Interface Arrangement, as listed following, is subject to the minimum capacity requirements when ordered as in 3.5.5. Provision of the Interface Arrangements and any Optional Arrangements may require placement of Telephone Company equipment (e.g., supervisory signaling equipment as described in 4.2.3(C)(4)) on the customer's premises.

Where transmission facilities permit, the individual transmission paths between the point of termination and the first point of switching may, at the option of the customer, be provided with Optional Arrangements as in (C).

The following Standard Interface Arrangements (IA) are available:

- IA
- Two-Wire VF
- Four-Wire VF
- Group Analog
- Supergroup Analog
- Mastergroup Analog
- DS1 Digital
- DS1C Digital
- DS3 Digital
- DS3C Digital

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

Service Commission

4.2.3 Description of Switched Transport (Cont'd)

(B) Interface Arrangements (Cont'd)

The number of Interface Arrangements provided is determined by the Telephone Company based on the number of FGA or BSA-A lines or the number of transmission paths required to meet the total trunks or BHMC ordered for FGB, FGC, FGD, BSA-B, BSA-C and BSA-D, and the type of Interface Arrangement ordered.

(1) Two-Wire Voice Frequency Interface Arrangement

- (a) The Two-Wire Voice Frequency Interface Arrangement, except as in (b), provides two-wire voice frequency transmission at the point of termination at the CDL. The interface is capable of transmission signals within the frequency bandwidth of approximately 300 to 3000 Hz.
- (b) The Two-Wire interface is not provided in association with FGC, FGD, BSA-C and BSA-D when the first point of switching is an access tandem. In addition, the two-wire interface is not provided in association with FGB and BSA-B when the first point of switching is an access tandem where two-wire terminations are not provided.
- (c) The transmission path between the point of termination at the CDL and the serving wire center may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.
- (d) The Two-Wire interface is provided with loop supervisory signaling. When the interface is associated with FGA or BSA-A, such signaling may be loop start or ground start. When the interface is associated with FGB, FGC, FGD, BSA-B, BSA-C and BSA-D, such signaling, except for two-way calling, may be reverse battery signaling. The interface may, at the option of the customer, be provided with DX supervisory signaling or E&M supervisory signaling as in 4.2.3 (C)(4).

(2) Four-Wire Voice Frequency Interface Arrangement

- (a) The Four-Wire Voice Frequency Interface Arrangement provides four-wire voice frequency transmission at the point of termination at the CDL. The interface is capable of transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(B) Entrance Facility(Cont'd) (C)

(2) Four-Wire Voice Frequency Entrance Facility (Cont'd) (C)

(b) The transmission path between the point of termination at the CDL and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

(c) The Entrance Facility is provided with loop supervisory signaling. When the Entrance Facility is associated with FGA or BSA-A, such signaling may be loop start or ground start signaling. When the Entrance Facility is associated with FGB, FGC, FGD, BSA-B, BSA-C and BSA-D such signaling, except for two-way calling, may be reverse battery signaling. The Entrance Facility may, at the option of the customer, be provided with supervisory signaling as in 4.2.3 (G)(4). (C)

(3) Group Analog Entrance Facility (C)

(a) The Group Analog Entrance Facility provides a group level analog transmission at the point of termination at the CDL subject to the limitations in 3.5. The Entrance Facility is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to multiplex up to 12 voice frequency transmission paths. (C)

Between the serving wire center and the point of termination at the CDL, the Telephone Company may, at its option, provide multiplex equipment to derive 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

(b) The Entrance Facility is provided with individual transmission path supervisory signaling. (C)

(c) The Group Analog Entrance Facility is obsolete technology and is available only to existing customers as of December 30, 1993. (N)

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

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4.2.3 Description of Switched Transport (Cont'd)

(B) Interface Arrangements (Cont'd)

(2) Four-Wire Voice Frequency Interface Arrangement (Cont'd)

- (b) The transmission path between the point of termination at the CDL and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.
- (c) The interface is provided with loop supervisory signaling. When the interface is associated with FGA or BSA-A, such signaling may be loop start or ground start signaling. When the interface is associated with FGB, FGC, FGD, BSA-B, BSA-C and BSA-D such signaling, except for two-way calling, may be reverse battery signaling. The interface may, at the option of the customer, be provided with supervisory signaling as in 4.2.3 (C)(4).

(3) Group Analog Interface Arrangement

- (a) The Group Analog Interface Arrangement provides a group level analog transmission at the point of termination at the CDL subject to the limitations in 3.5. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to multiplex up to 12 voice frequency transmission paths.

Between the serving wire center and the point of termination at the CDL, the Telephone Company may, at its option, provide multiplex equipment to derive 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

- (b) The interface is provided with individual transmission path supervisory signaling.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(B) Entrance Facility (Cont'd) (C)

(4) Supergroup Analog Entrance Facility (C)

- (a) The Supergroup Entrance Facility Arrangement provides supergroup level analog transmission at the point of termination at the CDL subject to the limitations in 3.5. The Entrance Facility is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to multiplex up to 60 voice frequency transmission paths. (C)

Between the first point of switching and the point of termination the Telephone Company may, at its option, provide multiplex equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz to promote transmission efficiency, if required.

- (b) The Entrance Facility provided with individual transmission path SF supervisory signaling. (C)

- (c) The Supergroup Analog Entrance Facility is obsolete technology and is available only to existing customers as of December 30, 1993. (N)
(N)

(5) Mastergroup Analog Entrance Facility (C)

- (a) The Mastergroup Analog Entrance Facility provides mastergroup level analog transmission at the point of termination at the CDL subject to the limitations in 3.5. The Entrance Facility is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to multiplex up to 600 voice frequency transmission paths. (C)

Between the first point of switching and the point of termination at the CDL, the Telephone Company may, at its option, provide multiplex equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz to promote transmission efficiency, if required.

- (b) The Entrance Facility is provided with individual transmission path SF supervisory signaling. (C)

- (c) The Mastergroup Analog Entrance Facility is obsolete technology and is available only to existing customers as of December 30, 1993. (N)
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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

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4.2.3 Description of Switched Transport (Cont'd)

(B) Interface Arrangements (Cont'd)

(4) Supergroup Analog Interface Arrangement

- (a) The Supergroup Analog Interface Arrangement provides supergroup level analog transmission at the point of termination at the CDL subject to the limitations in 3.5. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to multiplex up to 60 voice frequency transmission paths.

Between the first point of switching and the point of termination the Telephone Company may, at its option, provide multiplex equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz to promote transmission efficiency, if required.

- (b) The interface is provided with individual transmission path SF supervisory signaling.

(5) Mastergroup Analog Interface Arrangement

- (a) The Mastergroup Analog Interface Arrangement provides mastergroup level analog transmission at the point of termination at the CDL subject to the limitations in 3.5. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to multiplex up to 600 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CDL, the Telephone Company may, at its option, provide multiplex equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz to promote transmission efficiency, if required.

- (b) The interface is provided with individual transmission path SF supervisory signaling.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(B) Interface Arrangements (Cont'd)

(6) DS1 Digital Entrance Facility

- (a) The DS1 Digital Entrance Facility provides DS1 level digital transmission at the point of termination at the CDL subject to the limitations in 3.5. The Entrance Facility is capable of transmitting electrical signals at 1.544 Mbps, with the capability to multiplex up to 24 voice frequency transmission paths. (C)

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive 24 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D4 or D3 format.

- (b) The Entrance Facility is provided with individual transmission path bit stream supervisory signaling. (C)

(7) DS1C Digital Entrance Facility

- (a) The DS1C Digital Entrance Facility provides a DS1C level digital transmission at the point of termination at the CDL subject to the limitations in 3.5. The Entrance Facility is capable of transmitting electrical signals at 3.152 Mbps, with the capability to multiplex up to 48 voice frequency transmission paths. (C)

Between the first point of switching and the point of termination, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 48 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D4 or D3 format.

- (b) The Entrance Facility is provided with individual transmission path bit stream supervisory signaling. (C)

- (c) As of December 30, 1993, the DS1C Digital Entrance Facility is available to existing customers only. (N)

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

Service Commission

4.2.3 Description of Switched Transport (Cont'd)

(B) Interface Arrangements (Cont'd)

(6) DS1 Digital Interface Arrangement

- (a) The DS1 Digital Interface Arrangement provides DS1 level digital transmission at the point of termination at the CDL subject to the limitations in 3.5. The interface is capable of transmitting electrical signals at 1.544 Mbps, with the capability to multiplex up to 24 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive 24 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D4 or D3 format.

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.

(7) DS1C Digital Interface Arrangement

- (a) The DS1C Digital Interface Arrangement provides a DS1C level digital transmission at the point of termination at the CDL subject to the limitations in 3.5. The interface is capable of transmitting electrical signals at 3.152 Mbps, with the capability to multiplex up to 48 voice frequency transmission paths.

Between the first point of switching and the point of termination, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 48 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D4 or D3 format.

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(B) Entrance Facility (Cont'd) (C)

(8) DS2 Digital Entrance Facility (C)

The Telephone Company currently does not offer the DS2 Entrance Facility. (C)

(9) DS3 Digital Entrance Facility (C)

(a) The DS3 Digital Entrance Facility provides a DS3 level digital transmission at the point of termination at the CDL subject to the limitations in 3.5. The Entrance Facility is capable of transmitting electrical signals at 44.736 Mbps, with the capability to multiplex up to 672 voice frequency transmission paths. (C)

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 672 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D4 or D3 format.

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FACILITIES FOR INTRASTATE ACCESS

Missouri Public

4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

Service Commission

4.2.3 Description of Switched Transport (Cont'd)

(B) Interface Arrangements (Cont'd)

(8) DS2 Digital Interface Arrangement

The Telephone Company currently does not offer the DS2 interface.

(9) DS3 Digital Interface Arrangement

(a) The DS3 Digital Interface Arrangement provides a DS3 level digital transmission at the point of termination at the CDL subject to the limitations in 3.5. The interface is capable of transmitting electrical signals at 44.736 Mbps, with the capability to multiplex up to 672 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 672 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D4 or D3 format.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(B) Entrance Facility (Cont'd) (C)

(9) DS3 Digital Entrance Facility (Cont'd) (C)

(b) The Entrance Facility is provided with individual transmission path bit stream supervisory signaling. (C)

(c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Telephone Company reserves the right to choose this equipment.

(10) DS3C Digital Entrance Facility (C)

(a) The DS3C Digital Entrance Facility provides a DS3C level digital transmission at the point of termination at the CDL subject to the limitations in 3.5. The Entrance Facility is capable of transmitting electrical signals at 89.472 Mbps, with the capability to multiplex up to 1344 voice frequency transmission paths. (C)

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 1344 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D4 or D3 format.

(b) The Entrance Facility is provided with individual transmission path bit stream supervisory signaling. (C)

(c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Telephone Company reserves the right to choose this equipment.

(d) As of December 30, 1993, the DS3C Entrance Facility is available to existing customers only. (N)
(N)

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(8) Interface Arrangements (Cont'd)

(9) DS3 Digital Interface Arrangement (Cont'd)

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.
- (c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Telephone Company reserves the right to choose this equipment.

(10) DS3C Digital Interface Arrangement

- (a) The DS3C Digital Interface Arrangement provides a DS3C level digital transmission at the point of termination at the CDL subject to the limitations in 3.5. The interface is capable of transmitting electrical signals at 89.472 Mbps, with the capability to multiplex up to 1344 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 1344 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D4 or D3 format.

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.
- (c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Telephone Company reserves the right to choose this equipment.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(T)

(D) Tandem-Switched Transport

The Tandem-Switched Transport Rate is assessed upon customers for the use of transport from a serving wire center to an end office that is switched at a Telephone Company access tandem. The Tandem-Switched Transport rate shall also be assessed for transport between a Telephone Company access tandem and end office, between a host end office and a remote end office and between a FGA dial tone office and other end offices in the local calling area. Tandem-Switched Transport consists of circuits used in common by multiple customers from the Telephone Company access tandem to an end office. For examples of Tandem Switched Transport see Section 2.7 preceding. The Tandem-Switched Transport Rate includes four sub-elements, a Tandem-Switched Transport - Facility, a Tandem-Switched Transport - Termination, Tandem Switching Rate and Shared Multiplexing. The Tandem-Switched Transport - Facility is usage rated and distance-sensitive, i.e., a per access minute per airline mile rate. The rate recovers costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Tandem-Switched Transport - Termination is a usage rated, per minute rate to recover costs incurred at the ends of the transmissions links. The Tandem Switching Rate is a usage rated, per minute rate to recover a portion of the tandem switching costs. The Tandem Switching Rate is not applicable for transport between a host end office and a remote end office or to FGA Transport. For Tandem Switched Transport, a Shared Multiplexing Rate will be assessed to all minutes of use from the Telephone Company Access Tandem to an end office. The Shared Multiplexing rate recovers multiplexing costs on the end office side of the tandem.

(N)

(N)

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FACILITIES FOR INTRASTATE ACCESS

(N)

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(D) Tandem-Switched Transport

The Tandem-Switched Transport Rate is assessed upon customers for the use of transport from a serving wire center to an end office that is switched at a Telephone Company access tandem. The Tandem-Switched Transport rate shall also be assessed for transport between a Telephone Company access tandem and end office, between a host end office and a remote end office and between a FGA dial tone office and other end offices in the local calling area. Tandem-Switched Transport consists of circuits used in common by multiple customers from the Telephone Company access tandem to an end office. The Tandem-Switched Transport Rate includes four sub-elements, a Tandem-Switched Transport - Facility, a Tandem-Switched Transport - Termination, Tandem Switching Rate and Shared Multiplexing. The Tandem-Switched Transport - Facility is usage rated and distance-sensitive, i.e., a per access minute per airline mile rate. The rate recovers costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Tandem-Switched Transport - Termination is a usage rated, per minute rate to recover costs incurred at the ends of the transmissions links. The Tandem Switching Rate is a usage rated, per minute rate to recover a portion of the tandem switching costs. The Tandem Switching Rate is not applicable for transport between a host end office and a remote end office or to FGA Transport. For Tandem Switched Transport, a Shared Multiplexing Rate will be assessed to all minutes of use from the Telephone Company Access Tandem to an end office. The Shared Multiplexing rate recovers multiplexing costs on the end office side of the tandem.

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FACILITIES FOR INTRASTATE ACCESS

(N)

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(E) Interconnection Rate

The Interconnection Rate is assessed upon all customers for interconnecting with the Telephone Company's switched access network. The Interconnection Rate has two rate levels. One rate applies to customers utilizing Telephone Company transport and a different rate that is applicable to Switched Access EIS Cross Connect arrangements. It is a usage rated per minute rate and applies to all originating and terminating minutes of use whether transported via Direct-Trunked Transport, Tandem-Switched Transport, or Entrance Facilities arrangements. The Interconnection Rate does not apply to switched access minutes of use that originate or terminate at MTSOs directly interconnected to a Telephone Company access tandem office.

The application of originating and terminating rates are as set forth below:

(a) Terminating per minute charge(s) apply to:

- all terminating access minutes of use;
- all originating access minutes of use associated with FGA or BSA-A Access Services where the off-hook supervisory signaling is forwarded by the customer's equipment when the called party answers;
- all originating access minutes of use associated with calls placed to Service Access Code numbers, less those originating access minutes of use associated with calls placed to 500, 700, 800, 888 and 900 numbers for which the customer furnishes a report as described in Section 12, of either the number of minutes or a report of the percent of minutes that terminate to a subscriber or common line, rather than a dedicated access line.

(b) The originating per minute charge(s) apply to:

- all originating access minutes of use;
- less those originating access minutes of use associated with FGA or BSA-A Access Services where the off-hook supervisory signaling is forwarded by the customer's equipment when the called party answers;
- less all originating access minutes of use associated with calls placed to Service Access Code numbers;
- plus all originating access minutes of use associated with calls placed to 500, 700, 800, 888 and 900 numbers for which the customer furnishes a report of either the number of minutes or a report of the percent of minutes that terminate to a subscriber or common line, and for which a corresponding reduction in the number of terminating access minutes of use has been made as set forth in (a).

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

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4.2.3 Description of Switched Transport (Cont'd)(C) Optional Arrangements

- (1) Switched Transport facilities will be engineered and routed based on standard engineering methods, available facilities and equipment, and the Telephone Company traffic routing plans. The Telephone Company will work cooperatively with customers in providing design and traffic routing information. If the customer is provided with FGB, FGC, FGD, BSA-B, BSA-C, BSA-D or SAC Access Service and desires Provision of Other Than Telephone Company Selected Traffic Routing, it may specify the desired routing at rates and charges to be developed on an Individual Case Basis.
- (2) (Reserved for Future Use)
- (3) (Reserved for Future Use)
- (4) The Telephone Company will provide Optional Arrangements in association with the Interface Arrangements listed in 4.2.3(B)(1) and (2). The provision of such Optional Arrangements may require placement of Telephone Company equipment on the customer's premises. These Optional Arrangements are nonchargeable.

Supervisory Signaling

A supervisory signaling capability is provided for each Interface Arrangement as listed in 4.2.3 (E)(1) and (2). Where the transmission parameters permit and where signaling conversion is required by the customer to meet his signaling capability, the customer may order a supervisory signaling arrangement for each transmission path provided as follows:

For Interface Arrangements (1) and (2)

DX Supervisory Signaling arrangement, or
E&M Type I Supervisory Signaling arrangement, or
E&M Type II Supervisory Signaling arrangement.

For Interface Arrangement (2)

SF Supervisory Signaling arrangement, or
E&M Type III Supervisory Signaling arrangement.

These optional supervisory signaling arrangements are unavailable in conjunction with Signaling System 7 (SS7) Out of Band Signaling as described in 4.2.5(A)(A).

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

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4.2.5 End Office Services Optional Arrangements

The following optional arrangements are available in offices where equipment, facilities, and other conditions permit. The Telephone Company makes no guarantee that these optional arrangements will be available in all locations.

Unless otherwise noted, these End Office Services Optional Arrangements are nonchargeable.

(A) Alternate Traffic Routing

This option provides the capability of directing originating traffic from an end office (or appropriately equipped Telephone Company access tandem) via a trunk group (the "high usage" group) to a CDL until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or Telephone Company access tandem to a different trunk group or groups (via one or more intermediate high usage groups) to one or more CDLs until the originating traffic is directed to a final group. The customer shall specify the last trunk CCS desired for the high usage group and each intermediate group.

This option is provided in suitably equipped end office or Telephone Company access tandem switches and is available with FGB, FGC, and FGD.

This option is available with BSA-B, BSA-C and BSA-D as a chargeable BSE as specified in 4.2.22 and 4.5.10.

(B) Automatic Number Identification (ANI) Arrangement

This option provides the automatic transmission of a seven or ten digit number and information digit to the CDL for calls originating in the Access Area to identify the calling station. The ANI arrangement will be associated with all individual transmission paths in a trunk group when this arrangement is provided.

The seven digit ANI telephone number is available with FGB and FGC. It will be transmitted on all calls except those identified as a multiparty line or ANI failure. The ten digit ANI telephone number is only available with FGD. When FGD with SS7 Out of Band Signaling is specified, the customer may order an ANI equivalent by ordering the Charge Number optional feature as described in 4.2.5(A)(D). The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as a multiparty line or ANI failure in which case only the NPA will be transmitted (in addition to the information digit described below). The ANI telephone number is the listed telephone number of the end user that originates the call.

With FGC, ANI is provided from end offices at which the Telephone Company recording for end user billing is not provided, or where it is not required, as with 800 Service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

Where ANI cannot be provided (e.g., on calls from 2 (in some instances), 4, and 8 party services) information digits will be provided to the customer. The information digits are used in the following situations:

- (1) Telephone number is the station billing number - no special treatment is required.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(B) Automatic Number Identification (ANI) Arrangement

This option provides the automatic transmission of a seven or ten digit number and information digit to the CDL for calls originating in the Access Area to identify the calling station. The ANI arrangement will be associated with all individual transmission paths in a trunk group when this arrangement is provided.

The seven digit ANI telephone number is available with FGB and FGC. It will be transmitted on all calls except those identified as a multiparty line or ANI failure. The ten digit ANI telephone number is only available with FGD. When FGD with SS7 Out of Band Signaling is specified, the customer may order an ANI equivalent by ordering the Charge Number optional feature as described in 4.2.5(A)(D). The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as a multiparty line or ANI failure in which case only the NPA will be transmitted (in addition to the information digit described below). The ANI telephone number is the listed telephone number of the end user that originates the call.

With FGC, ANI is provided from end offices at which the Telephone Company recording for end user billing is not provided, or where it is not required, as with 800 Service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

Where ANI cannot be provided (e.g., on calls from 2 (in some instances), 4, and 8 party services) information digits will be provided to the customer. The information digits are used in the following situations:

- (1) Telephone number is the station billing number - no special treatment is required.

(N)

(N)

(M)

(M)

Certain material found on this page formerly appeared on Original Sheet 105.

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

Service Commission

4.2.5 End Office Services Optional Arrangements (Cont'd)

(B) Automatic Number Identification (ANI) Arrangement (Cont'd)

- (2) Multiparty line telephone number is a 2 (in some instances), 4, or 8 party line and cannot be identified - number must be obtained via an operator or in some other manner.
- (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - number must be obtained by operator or in some other manner.
- (4) (Reserved for Future Use)
- (5) The configuration of the line requires special screening or handling by the customer, or
- (6) Call is an Automatic Identified Outward Dialed (AIOD) call from end user terminal equipment.

These ANI information digits are available with FGB, FGC, and FGD only. In addition, the following information digits are available with FGD only:

- InterLATA Area restricted - telephone number is identified line.
- InterLATA Area restricted - line requires special screening or handling by the customer.

These information digits will be transmitted as agreed to by the customer and the Telephone Company.

The ANI Arrangement is available with BSA-B, BSA-C and BSA-D as a chargeable BSE as specified in 4.2.2 and 4.5.10.

(C) Intra Access Area Call Denial on Line or Hunt Group

This option is provided in conjunction with FGA and BSA-A and allows for the screening of terminating calls within the FGA and BSA-A Access Area, and for completion only of calls to 411, 611, 911, 800, 888, 877, 555-1212, and a specified set of NXX codes within the FGA and BSA-A Access Area. The set of NXX codes to which calls will be completed is selected by the FGA or BSA-A customer, in cooperation with the Telephone Company, from those NXX codes within the local calling area of the end office where the FGA or BSA-A connection is provided. All other calls are routed to a reorder tone or recorded announcement. This arrangement is provided at no charge in Telephone Company end offices, where available.

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(V) Switched Access Interface (Cont'd)

(4) The following matrix details the direction, call type, service prefix and traffic types provided on each Switched Access Interface Arrangement.

| Section Ref. | Switched Access Interface Arrangements | | |
|-----------------------|--|---------------------------|--|
| | Unrestricted Arrangement | 800 Type Terminating Only | Combined Originating/ 800 Type Terminating |
| | (V)(1)(a) | (V)(2) | (V)(3) |
| <u>Directionality</u> | | | |
| Originating Only | x | | |
| Terminating Only | | x | |
| Two-Way | | | x |
| <u>Call Type (1+)</u> | | | |
| Local | B | B | B |
| IntraLATA/Intrast. | R/D | C | R/D/C |
| InterLATA/Intrast. | D | C | D/C |
| <u>Service Prefix</u> | | | |
| 0- | R | | R |
| 00- | D | | D |
| 0+ | D | | D |
| 10DD | D | | D |
| 101XXXX | | D/B | D/B |
| <u>Traffic Type</u> | | | |
| 411 | B | | B |
| 911 | R | | R |
| 976 | R | | R |
| 700 | D | | D |
| 500/800/888/877/900 | D | | D |

D = Telephone Company DELIVERS traffic to the customer.
 R = Telephone Company RETAINS and completes traffic.
 C = Telephone Company COMPLETES traffic to the end user's premises.
 B = Telephone Company BLOCKS traffic to an announcement.

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(Z) (Reserved for Future Use)

(A)(A) Signaling System 7 (SS7) Out of Band Signaling

This option is provided in conjunction with Common Channel Signaling System 7 (CCSS7) Access Service and is only available with Switched Access FGD or BSA-D service, 500 SAC Access, 800/888/877 SAC Access and 900 SAC Access Services. SS7 Out of Band Signaling provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office or access tandem switching systems and the CDL. FGD or BSA-D Switched Access, 500 SAC Access, 800/888/877 SAC Access and 900 SAC Access service, equipped with SS7 Out of Band Signaling, are available with the following interface arrangements: DS1 Digital, DS1C Digital, DSC Digital, and DS3C Digital. SS7 Out of Band Signaling is provided at suitably equipped Telephone Company end office or access tandem switches. The technical specifications for SS7 Out of Band Signaling are described in Bellcore Technical Reference Publication TR-TSV-000905.

(A)(B) Calling Party Number (CPN) Parameter

The CPN parameter, available as a nonchargeable option for originating FGD or BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for originating calls. The ten digit number consists of the NPA plus the seven digit telephone number which may or may not be the same number as the calling station's charge number. The CPN parameter also includes a "privacy indicator" which allows the ten digit telephone number to be coded as presented or restricted for delivery to the called end user. The technical specifications for CPN are described in Bellcore Technical Reference Publication TR-TSV-000905.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(A)(C) Carrier Selection Parameter (CSP)

The CSP, available as a nonchargeable option for originating FGD or originating BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not a given call originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 101XXXX. The technical specifications for CSP are described in Bellcore Technical Reference Publication TR-TSV-000905.

(A)(D) Charge Number (CN) Parameter

The CN parameter, available as a nonchargeable option for originating FGD with SS7 Out of Band Signaling, is equivalent to the existing ten digit Automatic Number Identification (ANI) available with FGD with MF signaling. When BSA-D with SS7 Out of Band Signaling is specified, the customer may order the CN parameter at the rates for ANI-BSE as shown in 4.6. The CN parameter provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information. The technical specifications for CN are described in Bellcore Technical Reference Publication TR-TSV-000905.

(A)(E) Tandem Switch Signaling

This option allows for the passing of the Carrier Identification Code (CIC) and the OZZ code or circuit code information needed to perform tandem switching functions. The CIC identifies the uniform access code associated with the Switched Access usage for a specific interexchange carrier. The OZZ code identifies the service class routing code of a multifrequency call that indicates the interexchange carrier's trunk group to which the traffic will be routed. The circuit code identifies the service class routing of an SS7 call that indicates the interexchange carrier's trunk group to which the traffic will be routed (e.g., 0+, 0-, 500, 900, etc). This option is only available with FGD Switched Access, 500 SAC Access, and 900 SAC Access services and can only be provided from equal access end offices. This option is not available from end offices that use alternate technologies to provide equal access capabilities, or from Telephone Company access tandems.

(C)

(N)

(N)

Material omitted from this page now appears on Original Sheet 119.1.

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

Service Commission

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(A)(C) Carrier Selection Parameter (CSP)

The CSP, available as a nonchargeable option for originating FGD or originating BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not a given call originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 101XXXX. The technical specifications for CSP are described in Bellcore Technical Reference Publication TR-TSV-000905.

(A)(D) Charge Number (CN) Parameter

The CN parameter, available as a nonchargeable option for originating FGD with SS7 Out of Band Signaling, is equivalent to the existing ten digit Automatic Number Identification (ANI) available with FGD with MF signaling. When BSA-D with SS7 Out of Band Signaling is specified, the customer may order the CN parameter at the rates for ANI-BSE as shown in 4.6. The CN parameter provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information. The technical specifications for CN are described in Bellcore Technical Reference Publication TR-TSV-000905.

(A)(E) (Reserved for Future Use)

(A)(F) (Reserved for Future Use)

(A)(G) Carrier Identification Parameter (CIP)

Carrier Identification Parameter is available as an optional feature in conjunction with originating FGD with SS7 Out of Band Signaling. CIP provides for the transmission of the Carrier Identification Code (CIC) or the access 101XXXX to the customer with the Initial Address Message (IAM). CIP is available with originating FGD in suitably equipped end offices and access tandems. CIP will be populated by a 4-digit CIC at the rates shown in 4.6.8. Application of the charges is in 4.5.2(N)(9).

The Telephone Company will make every effort to maintain the CIP information, equipment and facilities in a format which facilitates the customer's use of the CIP offering. Changes (i.e., technology, customer account makeup, etc.) can occur affecting such information, however, and the Telephone Company cannot guarantee that the CIP equipment and facilities will be completely capable of processing CIP data at all times. Accordingly, the Telephone Company shall not be liable for any incidental, indirect, special or consequential damages (including lost revenue or profits) of any kind, resulting from inaccuracy of CIP data and/or the inability of its equipment and facilities to process CIP data.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.5 End Office Services Optional Arrangements (Cont'd)

(A)(F) Tandem Access Sectorization

(1) Tandem Access Sectorization (TAS) is available to FGD and BSA-D customers with originating traffic routed through an appropriately equipped Telephone Company equal access tandem. TAS provides the customer a method of directing originating FGD and BSA-D traffic, on the basis of all originating end offices in an exchange to a maximum of four (4) different CDLs via the Telephone Company equal access tandem.

(2) For those Telephone Company equal access tandems where TAS is provided, the Telephone Company has subdivided the subtending exchanges into geographical regions (a maximum of 4 per equal access tandem) referred to as Tandem Access Sectorization Regions (TASR). Each TASR is treated as a unit and cannot be subdivided.

The available TASRs are the same for all customers ordering TAS. A customer with multiple CDLs within a LATA can designate the CDL to which all traffic originating from a specific TASR will be routed. A customer may have a maximum of one CDL per TASR. Traffic originating from different TASRs may be routed to the same or different CDL provided that traffic originating from a single TASR may not be routed to more than one CDL.

(3) TAS is available in conjunction with FGD and BSA-D at rates and charges in 4.5.2(N)(6) in addition to switched access charges applicable to FGD and BSA-D usage throughout Section 4.5.

(A)(G) Carrier Identification Parameter (CIP)

Carrier Identification Parameter is available as an optional feature in conjunction with originating FGD with SS7 Out of Band Signaling. CIP provides for the transmission of the Carrier Identification Code (CIC) or the access 101XXXX to the customer with the Initial Address Message (IAM). CIP is available with originating FGD in suitably equipped end offices and access tandems. CIP will be populated by a 4-digit CIC at the rates shown in 4.6.8. Application of the charges is in 4.5.2(N)(10).

The Telephone Company will make every effort to maintain the CIP information, equipment and facilities in a format which facilitates the customer's use of the CIP offering. Changes (i.e., technology, customer account makeup, etc.) can occur affecting such information, however, and the Telephone Company cannot guarantee that the CIP equipment and facilities will be completely capable of processing CIP data at all times. Accordingly, the Telephone Company shall not be liable for any incidental, indirect, special or consequential damages (including lost revenue or profits) of any kind, resulting from inaccuracy of CIP data and/or the inability of its equipment and facilities to process CIP data.

Certain material found on this page formerly appeared on Original Sheet 119.

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)4.2 Description of Switched Access (Cont'd)

4.2.10 (Reserved for Future Use)

4.2.11 800/888/877 Customer Identification Function

This function utilizes 800/888/877 Data Base Query Service, as described in 4.2.19, to screen all ten digits of all 800-NXX-XXXX, 888-NXX-XXXX or 877-NXX-XXXX type calls generated by end users to determine the customer to which the 800/888/877 call is to be routed. This function is provided in conjunction with 800/888/877 SAC Access Service.

4.2.12 900 Customer Identification Function

This function provides for screening of the first six digits of all 900-NXX-XXXX type calls generated by end users to determine the customer to which the call is to be routed. This function is provided in conjunction with 900 SAC Access Service and with FGC, FGD, BSA-C and BSA-D.

4.2.13 Design and Routing of Switched Access

The Telephone Company shall work cooperatively with the customer to design and determine the routing of Switched Access including the selection of facilities from the first point of switching to the CDL. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only or two-way facilities unless the customer requests Customer Specification of Switched Access Directionality for the ordered capacity. Selection of facilities, equipment and routing of the Switched Access is based on standard engineering methods, facilities and equipment available and the Telephone Company traffic routing plans.

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4. SWITCHED ACCESS (Cont'd)

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4.2 Description of Switched Access (Cont'd)

4.2.14 Provision of Switched Access Performance Data

Performance data for Switched Access will be made available to the customer based on Telephone Company established intervals and availability. This data may include, but is not limited to, equipment blockage and failure results, ineffective attempt performance, transmission failures, and other service-related data. Any request for data or format that is not Telephone Company Standard will be handled on an Individual Case Basis with any associated cost to be borne by the customer.

4.2.15 Transmission Performance

Each Switched Access transmission path is provided with a standard transmission performance. The standard for a particular path is dependent on the Interface Arrangement and whether the Switched Access is routed direct or via an access tandem. In addition, Data Transmission Parameters may be ordered by the customer. The transmission performance parameters are set forth in Section 7000 of the GTE Technical Interface Reference Manual.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.19 800/888/877 Data Base Query Service

800/888/877 Data Base Query Service, offered in conjunction with 800/888/877 SAC Access Service, performs the 800/888/877 Customer Identification Function, as described in 4.2.11, to determine the customer to whom 800/888/877 calls must be routed. For all 1+800-NXX-XXXX, 1+888-NXX-XXXX or 1+877-NXX-XXXX calls originated by an end user, the Telephone Company will perform the customer identification function using a Telephone Company 800/888/877 Data Base to screen the dialed ten digits of the 800/888/877 call to determine the customer selected by the 800/888/877 subscriber to carry that 800/888/877 call. If the 800/888/877 call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an access tandem switch equipped to provide the customer identification function. Once customer identification has been established through 800/888/877 Data Base Query Service, the 800/888/877 call will be routed to the selected customer for completion.

Basic 800/888/877 Data Base Queries provide instructions to route 1+800-NXX-XXXX, 1+888-NXX-XXXX or 1+877-NXX-XXXX calls on a simple call turn around basis to one particular customer or to different customers based on the LATA in which the 800/888/877 call originates.

Premium 800/888/877 Data Base Queries provide instructions to route 1+800-NXX-XXXX, 1+888-NXX-XXXX or 1+877-NXX-XXXX calls to:

- (A) Different customers based on time of day, day of week, or based on number of calls allocated by 800/888/877 subscriber selected percentages.
- (B) Different terminating locations based on time of day, day of week, or based on number of calls allocated by 800/888/877 subscriber selected percentages.
- (C) Standard seven digit local exchange telephone numbers at the terminating end based on the 800/888/877 subscriber's specific requirements.

The 800/888/877 subscriber is responsible for arranging the entry of the various routing instructions discussed herein into the Number Administration Service Center's (NASC's) Service Management System (SMS).

Rate regulations and charges applicable to 800/888/877 Data Base Query Service appear in 4.5.2(H) and 4.6.3(A).

4.2.20 500 Customer Identification Function

This function provides for screening of the first six digits of all 500-NXX-XXXX type calls generated by end users to determine the customer to which the call is to be routed. This function is provided in conjunction with 500 SAC Access Service and with FGC, FGD, BSA-C and BSA-D.

4.2.21 Tandem Switch Signaling

Tandem Switch Signaling, offered in conjunction with FGD Switched Access, 500 SAC Access, or 900 SAC Access Service with either multifrequency address signaling or SS7 Out of Band Signaling Access Service, provides the Carrier Identification Code (CIC) and the OZZ code or circuit code as described in 4.2.5 (A)(E) to determine the customer and trunk group(s) where traffic will be routed. Rate regulations applicable to Tandem Switch Signaling are found in 4.5.2(N)(6).

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4. SWITCHED ACCESS (Cont'd)

Service Commission

4.2 Description of Switched Access (Cont'd)

4.2.19 800/888/877 Data Base Query Service

800/888/877 Data Base Query Service, offered in conjunction with 800/888/877 SAC Access Service, performs the 800/888/877 Customer Identification Function, as described in 4.2.11, to determine the customer to whom 800/888/877 calls must be routed. For all 1+800-NXX-XXXX, 1+888-NXX-XXXX or 1+877-NXX-XXXX calls originated by an end user, the Telephone Company will perform the customer identification function using a Telephone Company 800/888/877 Data Base to screen the dialed ten digits of the 800/888/877 call to determine the customer selected by the 800/888/877 subscriber to carry that 800/888/877 call. If the 800/888/877 call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an access tandem switch equipped to provide the customer identification function. Once customer identification has been established through 800/888/877 Data Base Query Service, the 800/888/877 call will be routed to the selected customer for completion.

Basic 800/888/877 Data Base Queries provide instructions to route 1+800-NXX-XXXX, 1+888-NXX-XXXX or 1+877-NXX-XXXX calls on a simple call turn around basis to one particular customer or to different customers based on the LATA in which the 800/888/877 call originates.

Premium 800/888/877 Data Base Queries provide instructions to route 1+800-NXX-XXXX, 1+888-NXX-XXXX or 1+877-NXX-XXXX calls to:

- (A) Different customers based on time of day, day of week, or based on number of calls allocated by 800/888/877 subscriber selected percentages.
- (B) Different terminating locations based on time of day, day of week, or based on number of calls allocated by 800/888/877 subscriber selected percentages.
- (C) Standard seven digit local exchange telephone numbers at the terminating end based on the 800/888/877 subscriber's specific requirements.

The 800/888/877 subscriber is responsible for arranging the entry of the various routing instructions discussed herein into the Number Administration Service Center's (NASCS) Service Management System (SMS).

Rate regulations and charges applicable to 800/888/877 Data Base Query Service appear in 4.5.2(H) and 4.6.3(A).

4.2.20 500 Customer Identification Function

This function provides for screening of the first six digits of all 500-NXX-XXXX type calls generated by end users to determine the customer to which the call is to be routed. This function is provided in conjunction with 500 SAC Access Service and with FGC, FGD, BSA-C and BSA-D.

4.2.21 (Reserved For Future Use)

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.3 Obligations of the Customer

4.3.1 On and Off-Hook Supervision

The customer facilities shall provide the necessary on and off-hook supervision.

4.3.2 ASR Requirements

The customer shall order all Switched Access as in Section 3, and 4.3.2 and 4.3.3.

ASRs for Entrance Facilities and Direct-Trunked Transport must specify the customer designated location, type of service (e.g., Voice Grade, DS1 or DS3), the channel interface, and any optional arrangements desired. In addition, ASRs for Direct-Trunked Transport must specify any Hubs involved and the end office, when direct routing to an end office is desired, or the Telephone Company access tandem if direct routing to a Telephone Company access tandem switch for purposes of obtaining Tandem-Switched Transport is desired.

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ASRs for Direct-Trunked Transport must also specify the Feature Group or BSA, number of lines or trunks at the end office or Telephone Company access tandem, major traffic types and directionality. Ordered quantities shall be specified by originating and terminating direction and by traffic type (e.g., MTS/MTS-type or WATS/WATS-type). Where the customer desires to segregate its originating traffic into separate trunk groups by type of traffic, the customer must specify the ordered quantities by trunk group and by traffic type. For example, if a customer desires a separate trunk group to carry its 500, 800, 888 or 900 traffic, the order must specify the trunks or BHMCs associated with 500, 800, 888 or 900 traffic for that trunk group.

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Customers may order Tandem-Switched Transport by specifying the number of trunks required between the CDL and access tandem switch or BHMCs between the CDL and the end office. The customer shall provide, when it orders BHMC, its projected interstate BHMC between the CDL and each end office in the Access Area by traffic type. The customer shall provide, when it orders lines or trunks, its projected interstate traffic distribution by percent for each end office in the Access Area by traffic type. If the customer fails to provide its traffic distribution, the Telephone Company will use appropriate Telephone Company traffic studies to project distribution by end office.

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When FGA or BSA-A is ordered the customer shall specify whether or not the terminating traffic is to be restricted to the Access Area as in 4.2.1(A)(6), and 4.5.2(N) or extended beyond the Access Area (i.e., local calling area). If the customer wishes to extend the traffic beyond the FGA or BSA-A Access Area, the rates in 4.5.2(N)(3), will apply. If the customer wishes to restrict the traffic, the rates in 4.5.2(B) may apply, depending upon the optional arrangement selected.

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When the Alternate Traffic Routing optional arrangement is provided, Percent Traffic Routed (PTR) values must be provided on the ASR as described in 4.5.2(N)(2)(h).

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When a customer orders Switched Access for mixed interstate and intrastate usage, the customer shall provide an estimate of the total usage which will be intrastate by traffic type.

The customer allocated percentages will be used as a basis of the jurisdictional determination for billing purposes of all charges until a more accurate determination can be provided as in 4.3.3 and 4.5.2(J).

4.3.3 Jurisdictional Determination

For purposes of determining the jurisdiction of Switched Access traffic, once the Switched Access service is activated, the following criteria will apply:

- (A) When the Telephone Company has measurement capability to provide the data to determine the jurisdiction of Switched Access traffic, the Telephone Company will determine the jurisdiction of Switched Access traffic. In those instances where the Telephone Company cannot determine the jurisdiction, the customer will be required to provide this information as described following.

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4. SWITCHED ACCESS (Cont'd)

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4.3 Obligations of the Customer

4.3.1 On and Off-Hook Supervision

The customer facilities shall provide the necessary on and off-hook supervision.

4.3.2 ASR Requirements

The customer shall order all Switched Access as in Section 3, and 4.3.2 and 4.3.3.

Switched Access capacity is measured at the Telephone Company's first point of switching. ASRs for Switched Access must specify the number of lines, trunks or BHMC (USOC - BHM++) connecting the first point of switching to the CDL. Ordered quantities shall be specified by originating and terminating direction and by traffic type (e.g., MTS/MTS-type or WATS/WATS-type). Where the customer desires to segregate its originating traffic into separate trunk groups by type of traffic, the customer must specify the ordered quantities by trunk group and by traffic type. For example, if a customer desires a separate trunk group to carry its 500, 800 or 900 traffic, the order must specify the trunks or BHMCs associated with 500, 800 or 900 traffic for that trunk group. In addition, the customer shall provide, when it orders BHMC, its projected interstate BHMC between the CDL and each end office in the Access Area by traffic type. The customer shall provide, when it orders lines or trunks, its projected intrastate traffic distribution by percent for each end office in the Access Area by traffic type. If the customer fails to provide its traffic distribution, the Telephone Company will use appropriate Telephone Company traffic studies to project distribution by end office.

When FGA or BSA-A is ordered the customer shall specify whether or not the terminating traffic is to be restricted to the Access Area as in 4.2.1(A)(6), and 4.2.5(C), (D) or (E), or extended beyond the Access Area (i.e., local calling area). If the customer wishes to extend the traffic beyond the FGA or BSA-A Access Area, the rates in 4.5.2(N)(3), will apply. If the customer wishes to restrict the traffic, the rates in 4.5.2(B) may apply, depending upon the optional arrangement selected.

When a customer orders Switched Access for mixed interstate and intrastate usage, the customer shall provide an estimate of the total usage which will be intrastate by traffic type.

The customer allocated percentages will be used as a basis of the jurisdictional determination for billing purposes of all charges until a more accurate determination can be provided as in 4.3.3 and 4.5.2(J).

4.3.3 Jurisdictional Determination

For purposes of determining the jurisdiction of Switched Access traffic, once the Switched Access service is activated, the following criteria will apply:

- (A) When the Telephone Company has measurement capability to provide the data to determine the jurisdiction of Switched Access traffic, the Telephone Company will determine the jurisdiction of Switched Access traffic. In those instances where the Telephone Company cannot determine the jurisdiction, the customer will be required to provide this information as described following.

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4. SWITCHED ACCESS (Cont'd)

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4.3 Obligations of the Customer (Cont'd)

4.3.3 Jurisdictional Determination (Cont'd)

(B) To determine the jurisdiction of FGA, FGB, BSA-A and BSA-B Switched Access traffic and that traffic placed on a 1+ basis in conjunction with FGA or BSA-A, the following criteria will apply:

(1) Traffic that enters a customer's network at a point within the same state as that in which the station designated by dialing is situated will be considered intrastate. All intrastate usage will be reported as such whether or not the customer has the proper state certification or an effective intrastate tariff.

(a) All usage which originates on the customer's network in the Missouri portion of a LATA and terminates at a telephone number in the same LATA in Missouri will be reported as intrastate.

(b) All usage which originates on the customer's network in the Missouri portion of a LATA and terminates at a telephone number in a different LATA in Missouri will be reported as intrastate.

(2) Traffic that enters a customer's network at a point in a state other than that in which the station designated by dialing is situated will be considered interstate.

(C) (Reserved for Future Use)

(D) If the customer provides jurisdictional information, the following requirements apply:

(1) The customer will provide quarterly reports indicating the percent of total Telephone Company provided Switched Access usage that is interstate and intrastate. The reports may aggregate usage at a statewide, LATA, BAN (Billing Account Number) or end office level.

(2) The reports will be based on the calendar year and will be due within fifteen days after the end of the quarter beginning with the completion of the first full quarter of service.

(3) The customer will maintain records of call detail from which the jurisdictional determination is made. For verification purposes the Telephone Company may request that these records be made available for inspection and audit on not more than an annual basis. Such audit may be conducted by independent auditors if the Telephone Company and the customer, or the customer alone is willing to pay the expense.

The quarterly reports will be used as the basis for prorating charges to the interstate and intrastate jurisdictions for the next three month's billing and will be effective on the first day of the next monthly billing period which begins at least 15 business days after the day on which the customer reports the revised jurisdictional information to the Telephone Company.

In the event the customer fails to provide a report for one or more quarters, the Telephone Company will use the most recently provided quarterly report for subsequent bills until the customer provides an updated report.

No revisions to bills preceding the effective date of the revised jurisdictional information will be made based on this report.

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4. SWITCHED ACCESS (Cont'd)

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4.3 Obligations of the Customer (Cont'd)

4.3.3 Jurisdictional Determination (Cont'd)

(B) (Cont'd)

(3) (Cont'd)

- (b) When the percentage of terminating traffic without sufficient call detail to determine the jurisdiction is greater than 9%, the Telephone Company will assess rates from the state jurisdiction on all minutes exceeding the floor.

For all other minutes of use for which the Telephone Company is unable to develop the PIU from actual usage data, the Telephone Company will apply the customer's projected PIU factor, provided as set forth in (C) following, to apportion the usage between interstate and intrastate.

(C) Jurisdictional Report Requirements

(1) Percent Interstate Usage (PIU)

- (a) Pursuant to Federal Communications Commission order FCC 85-145 adopted April 16, 1985, interstate usage is to be developed as though every call that enters a customer network at a point within the same state as that in which the called station (as designated by the called station number) is situated is an intrastate communication and every call for which the point of entry is in a state other than that where the called station (as designated by the called station number) is situated is an interstate communication.
- (b) The projected interstate percentages will be used by the Telephone Company to apportion the usage between interstate and intrastate until a revised report is received as set forth in (D) following.

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4. SWITCHED ACCESS (Cont'd)

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4.4 Payment Arrangements and Credit Allowances

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4.4.1 (Reserved for Future Use)

4.4.2 Cancellation of Applications

A customer may cancel an application for Switched Access in accordance with the regulations and charges in Section 3.

4.4.3 Credit Allowances

(A) Allowances for service interruptions are in 2.4.4.

(B) Usage Sensitive Service credit will be included in the FGA or BSA-A monthly bills rendered to customers to reflect usage charges collected from their end users for intrastate calls. The amount of credit applies to the End Office Switching rate element for originating calls. When the customer is provided originating only FGA or BSA-A service, the credit will apply to either the actual access minutes measured or the assumed minutes as in 4.5.2(O)(3).

No credit will apply for terminating only FGA or BSA-A.

4.5 Rate and Charge Regulations

4.5.1 Rate Elements

For the purposes of determining the rates and charges for Switched Access, including SAC Access Service the following rate elements may apply:

- Switched Transport Facility
- Switched Transport Termination
- End Office Switching
- Information Surcharge
- 800/888/877 Data Base Query

FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service are also subject to the Network Blocking charge per call as in 4.5.2(I).

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4. SWITCHED ACCESS (Cont'd)

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4.5 Rate and Charge Regulations (Cont'd)4.5.2 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access including SAC Access service and 800/888/877 Data Base Query service.

(A) Types of Rates and Charges

There are two types of rates and charges that apply to Switched Access. These are usage rates and nonrecurring charges. They are described as:

(1) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per Access Minute basis as described in 4.5.2(N)(1), or they are applied on a per query basis either as basic or premium as described in 4.5.2(H).

The Switched Transport Facility rate element is both usage and distance sensitive.

(2) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activities in conjunction with providing Switched Access Service or a change to an existing Switched Access Arrangement, Feature Group or Basic Serving Arrangement.

(a) Switched Access Ordering Charges

Switched Access Ordering Charges are associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of customer service requests. There are two types of service ordering charges.

(1) Initial Ordering Charge - Switched Access
(USOC - SESCL)

This charge applies on a per ASR basis, including those requests to add additional lines or trunks (whether ordered in trunks or based on BHMCs ordered) or activate an existing trunk as a result of additional trunks or BHMCs ordered for an existing service.

All nonrecurring charges (NRCs) for service connection are waived when a customer converts trunks from tandem-switched to direct-trunked or from direct-trunked to tandem-switched. NRCs are also waived if a customer orders the discontinuance of overprovisioned trunks. Waiver of these NRCs will be effective immediately and continue through December 31, 1994.

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4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activities in conjunction with providing Switched Access Service or a change to an existing Switched Access Arrangement, Feature Group or Basic Serving Arrangement.

(a) Service Installation Charges

The Service Installation Charge applies to customer requests for installation of Switched Access Entrance Facilities from the CDL to the serving wire center. The charge applies on a per Entrance Facility basis and is dependent upon the type of Entrance Facility ordered (i.e., Voiceband, DS1 or DS3).

(b) Installation of Voiceband Entrance Facilities

The Service Installation Charge associated with the installation of Voiceband Entrance Facilities is specified in 4.6.2(J).

(c) Installation of Multiplexing Arrangements

A Nonrecurring Charge applies for the installation of multiplexing arrangements available with Switched Access Service. This charge applies per multiplexing arrangement ordered and is dependent upon the type of multiplexing performed. (DS1 to Voice or DS3 to DS1). This charge also applies whether the multiplexing arrangement is installed coincident with the initial installation or at anytime subsequent to the installation of service.

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4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(d) Installation of DS1 and DS3 Entrance Facilities

(1) DS1 Standard Arrangements

For DS1 Entrance Facilities, a nonrecurring charge applies for each DS1 Entrance Facility ordered.

(2) Reserved For Future Use

(3) DS3 Arrangements

For DS3 Entrance Facilities, the charge for the installation will apply at the rates set forth in 4.6.2(L). These charges will apply for each DS3 Entrance Facility ordered on a month-to-month basis or subscribed to on a term commitment plan.

(e) Switched Access Installation Charge Waiver

Pursuant to the Federal Communications Commission's (FCC) Order in CC Docket No. 96-262, Access Charge Reform, released May 16, 1997, all nonrecurring charges (NRCs) for service connection are waived when a customer converts trunks from tandem-switched to direct-trunked for Tandem Switched Transport between the Tandem Switch and the Serving Wire Center (SWC).

(N)

ISSUED: May 1, 2012

Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

EFFECTIVE: July 3, 2012

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Service Commission
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TT-2012-0317, YI-2012-0633

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(f) Switched Access Ordering Charges

Switched Access Ordering Charges are associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of customer service requests. There are two types of service ordering charges.

(1) Initial Ordering Charge - Switched Access

(T)

This charge, applied on a per ASR basis, is associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of service requests. The Switched Access Ordering Charge applies to all requests to establish Entrance Facilities, Direct-Trunked Transport Facilities, and Tandem-Switched Transport Facilities. Where Entrance Facilities and Direct-Trunked and/or Tandem-Switched Transport are ordered on a single ASR, only one Switched Access Ordering Charge applies. This charge is in addition to any Service Installation Charge for Entrance Facility installations.

| | |
|--------------------------------|---------|
| CenturyTel. of Missouri | \$30.14 |
| CenturyTel of Central Missouri | 97.50 |

ISSUED: February 26, 2015

EFFECTIVE: March 28, 2015

Gary Kepley
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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(f) Switched Access Ordering Charges

Switched Access Ordering Charges are associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of customer service requests. There are two types of service ordering charges.

(1) Initial Ordering Charge - Switched Access
(USOC - SESCL)

This charge, applied on a per ASR basis, is associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of service requests. The Switched Access Ordering Charge applies to all requests to establish Entrance Facilities, Direct-Trunked Transport Facilities, and Tandem-Switched Transport Facilities. Where Entrance Facilities and Direct-Trunked and/or Tandem-Switched Transport are ordered on a single ASR, only one Switched Access Ordering Charge applies. This charge is in addition to any Service Installation Charge for Entrance Facility installations.

| | | |
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| CenturyTel. of Missouri | \$30.14 | (R) |
| CenturyTel of Central Missouri | 97.50 | (R) |

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(f) Switched Access Ordering Charges

Switched Access Ordering Charges are associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of customer service requests. There are two types of service ordering charges.

(1) Initial Ordering Charge - Switched Access
(USOC - SESCL)

This charge, applied on a per ASR basis, is associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of service requests. The Switched Access Ordering Charge applies to all requests to establish Entrance Facilities, Direct-Trunked Transport Facilities, and Tandem-Switched Transport Facilities. Where Entrance Facilities and Direct-Trunked and/or Tandem-Switched Transport are ordered on a single ASR, only one Switched Access Ordering Charge applies. This charge is in addition to any Service Installation Charge for Entrance Facility installations.

All nonrecurring charges (NRCs) for service connection are waived when a customer converts trunks from tandem-switched to direct-trunked or from direct-trunked to tandem-switched. NRCs are also waived if a customer orders the discontinuance of overprovisioned trunks. Waiver of these NRCs will be effective immediately and continue through December 31, 1994.

(N)

(N)

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(M)

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(f) Switched Access Ordering Charges (Cont'd)

(2) Subsequent Ordering Charge - Switched Access

(T)

This charge applies on a per ASR basis for modifications to an existing service. This would include activities such as:

- Changes and/or additions to end office services optional arrangements (changes in hunt group or screening arrangements).
- The combination or splitting of FGA or BSA-A hunt groups.
- A move to a new point of termination within the same CDL.
- A change for rating purposes from one type of Transport to another (i.e., Special to Switched).
- The activation or deactivation of 900 SAC NXX codes on a per tandem level basis.
- The addition of Calling Party Number (CPN) Parameter, Carrier Selection Parameter (CSP), and Charge Number (CN) Parameter when ordered subsequent to the provision of SS7 Out of Band Signaling.
- Changes in FGD or BSA-D switched access and TFC SAC Access signaling from multifrequency address signaling to SS7 Out of Band Signaling except as specified in 4.5.2(G)(1).

| | |
|--------------------------------|---------|
| CenturyTel of Missouri | \$30.14 |
| CenturyTel of Central Missouri | 97.50 |

ISSUED: February 26, 2015

EFFECTIVE: March 28, 2015

Gary Kepley
Director - Regulatory Operations
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15-02A

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(f) Switched Access Ordering Charges (Cont'd)

(2) Subsequent Ordering Charge - Switched Access
(USOC - SESBX)

This charge applies on a per ASR basis for modifications to an existing service. This would include activities such as:

- Changes and/or additions to end office services optional arrangements (changes in hunt group or screening arrangements).
- The combination or splitting of FGA or BSA-A hunt groups.
- A move to a new point of termination within the same CDL.
- A change for rating purposes from one type of Transport to another (i.e., Special to Switched).
- The activation or deactivation of 900 SAC NXX codes on a per tandem level basis.
- The addition of Calling Party Number (CPN) Parameter, Carrier Selection Parameter (CSP), and Charge Number (CN) Parameter when ordered subsequent to the provision of SS7 Out of Band Signaling.
- Changes in FGD or BSA-D switched access and TFC SAC Access signaling from multifrequency address signaling to SS7 Out of Band Signaling except as specified in 4.5.2(G)(1).

| | | |
|--------------------------------|---------|-----|
| CenturyTel of Missouri | \$30.14 | (R) |
| CenturyTel of Central Missouri | 97.50 | (R) |

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd) (T)

(f) Switched Access Ordering Charges (Cont'd) (T)

(2) Subsequent Ordering Charge - Switched Access
(USOC - SESBX)

This charge applies on a per ASR basis for modifications to an existing service. This would include activities such as:

- Changes and/or additions to end office services optional arrangements (changes in hunt group or screening arrangements).
- The combination or splitting of FGA or BSA-A hunt groups.
- A move to a new point of termination within the same CDL.
- A change for rating purposes from one type of Transport to another (i.e., Special to Switched).
- The activation or deactivation of 900 SAC NXX codes on a per tandem level basis.
- The addition of Calling Party Number (CPN) Parameter, Carrier Selection Parameter (CSP), and Charge Number (CN) Parameter when ordered subsequent to the provision of SS7 Out of Band Signaling.
- Changes in FGD or BSA-D switched access and 800/888/877 SAC Access signaling from multifrequency address signaling to SS7 Out of Band Signaling except as specified in 4.5.2(G)(1).
- All nonrecurring charges (NRCs) for service connection are waived when a customer converts trunks from tandem-switched to direct-trunked or from direct-trunked to tandem-switched. NRCs are also waived if a customer orders the discontinuance of overprovisioned trunks. Waiver of these NRCs will be effective immediately and continue through December 31, 1994.

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(a) Switched Access Ordering Charges (Cont'd)

(2) Subsequent Ordering Charge - Switched Access
(USOC - SESBX)

This charge applies on a per ASR basis for modifications to an existing service. This would include activities such as:

- Changes and/or additions to end office services optional arrangements (changes in hunt group or screening arrangements).
- The combination or splitting of FGA or BSA-A hunt groups.
- A move to a new point of termination within the same CDL.
- A change for rating purposes from one type of Transport to another (i.e., Special to Switched).
- The activation or deactivation of 900 SAC NXX codes on a per tandem level basis.
- The addition of Calling Party Number (CPN) Parameter, Carrier Selection Parameter (CSP), and Charge Number (CN) Parameter when ordered subsequent to the provision of SS7 Out of Band Signaling.
- Changes in FGD or BSA-D switched access and 800/888.877 SAC Access signaling from multifrequency address signaling to SS7 Out of Band Signaling except as specified in 4.5.2(G)(1).
- All nonrecurring charges (NRCs) for service connection are waived when a customer converts trunks from tandem-switched to direct-trunked or from direct-trunked to tandem-switched. NRCs are also waived if a customer orders the discontinuance of overprovisioned trunks. Waiver of these NRCs will be effective immediately and continue through December 31, 1994.

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FACILITIES FOR INTRASTATE ACCESS

Missouri Public
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Service Commission

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(a) Switched Access Ordering Charges (Cont'd)

(3) Administrative changes will be made without charge to the customer. Administrative changes are as follows:

- Change in name or ownership or transfer of responsibility from one customer to another, provided there is no interruption of use or relocation of Switched Access service.
- Change of customer or customer's end user premise address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address or contact name or telephone number),
- Change in customer circuit identification,
- Change of billing account number,
- Change of customer testline number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of agency authorization.

(b) Design Change Charge (USOC - H28)

A design change is any change to a pending ASR or a change to an existing service which requires engineering review or change. Design changes may include the addition or deletion of End Office Services Optional Arrangements or changes in the signaling arrangements associated with the Interface Arrangements as described in 4.2.3(B). Design changes do not include a change of Switched Access Interface Arrangement or facility type, IC CDL, end user premises, end office switch, Feature Group or Basic Serving Arrangement type. Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR with the appropriate cancellation charges applied.

The Telephone Company will review the requested change, notify the customer whether the change can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply.

The Design Change Charge for Switched Access Service in Section 4.6.1(C) will apply on a per ASR per occurrence basis for each request requiring a design change.

The Design Change Charge is in addition to any Switched Ordering charges associated with the change requested. When the design change is on a pending ASR, the Initial Ordering Charge - Switched Access will apply. If the design change is to an existing service, the Subsequent Ordering Charge - Switched Access will apply.

If a change of service date is required, the Service Date Change Charge in 3.2.2(A) will also apply.

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TM-02-232
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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(h) Design Change Charge

(T)

A design change is any change to a pending ASR or a change to an existing service which requires engineering review or change. Design changes may include the addition or deletion of End Office Services Optional Arrangements or changes in the signaling arrangements associated with the Interface Arrangements as described in 4.2.3(B). Design changes do not include a change of Switched Access Interface Arrangement or facility type, IC CDL, end user premises, end office switch, Feature Group or Basic Serving Arrangement type. Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR with the appropriate cancellation charges applied.

The Telephone Company will review the requested change, notify the customer whether the change can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply.

The Design Change Charge for Switched Access Service in Section 4.6.1(C) will apply on a per ASR per occurrence basis for each request requiring a design change.

The Design Change Charge is in addition to any Switched Ordering charges associated with the change requested. When the design change is on a pending ASR, the Initial Ordering Charge - Switched Access will apply. If the design change is to an existing service, the Subsequent Ordering Charge - Switched Access will apply.

If a change of service date is required, the Service Date Change Charge in 3.2.2(A) will also apply.

| | |
|--------------------------------|---------|
| CenturyTel of Missouri | \$26.21 |
| CenturyTel of Central Missouri | 32.40 |

ISSUED: February 26, 2015

EFFECTIVE: March 28, 2015

Gary Kepley
Director - Regulatory Operations
New Century, Kansas

15-02A

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(h) Design Change Charge (USOC - H28)

A design change is any change to a pending ASR or a change to an existing service which requires engineering review or change. Design changes may include the addition or deletion of End Office Services Optional Arrangements or changes in the signaling arrangements associated with the Interface Arrangements as described in 4.2.3(B). Design changes do not include a change of Switched Access Interface Arrangement or facility type, IC CDL, end user premises, end office switch, Feature Group or Basic Serving Arrangement type. Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR with the appropriate cancellation charges applied.

The Telephone Company will review the requested change, notify the customer whether the change can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply.

The Design Change Charge for Switched Access Service in Section 4.6.1(C) will apply on a per ASR per occurrence basis for each request requiring a design change.

The Design Change Charge is in addition to any Switched Ordering charges associated with the change requested. When the design change is on a pending ASR, the Initial Ordering Charge - Switched Access will apply. If the design change is to an existing service, the Subsequent Ordering Charge - Switched Access will apply.

If a change of service date is required, the Service Date Change Charge in 3.2.2(A) will also apply.

| | | |
|--------------------------------|---------|-----|
| CenturyTel of Missouri | \$26.21 | (R) |
| CenturyTel of Central Missouri | 32.40 | (R) |

ISSUED: May 1, 2013

EFFECTIVE: July 2, 2013

Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(T)

(3) Nonrecurring Charges (Cont'd)

(T)

(h) Design Change Charge (USOC - H28)

(T)

A design change is any change to a pending ASR or a change to an existing service which requires engineering review or change. Design changes may include the addition or deletion of End Office Services Optional Arrangements or changes in the signaling arrangements associated with the Interface Arrangements as described in 4.2.3(B). Design changes do not include a change of Switched Access Interface Arrangement or facility type, IC CDL, end user premises, end office switch, Feature Group or Basic Serving Arrangement type. Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR with the appropriate cancellation charges applied.

(M)

The Telephone Company will review the requested change, notify the customer whether the change can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply.

The Design Change Charge for Switched Access Service in Section 4.6.1(C) will apply on a per ASR per occurrence basis for each request requiring a design change.

The Design Change Charge is in addition to any Switched Ordering charges associated with the change requested. When the design change is on a pending ASR, the Initial Ordering Charge - Switched Access will apply. If the design change is to an existing service, the Subsequent Ordering Charge - Switched Access will apply.

If a change of service date is required, the Service Date Change Charge in 3.2.2(A) will also apply.

(M)

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(i) Installation Charge for FGA or BSA-A Optional Call Blocking Arrangement (USOC – CAH)

This charge applies per FGA or BSA-A line equipped with either of the optional call blocking arrangements in Section 4.2.5(D) and (E); InterLATA Call Denial on Line or Hunt Group or Call Denial on Line or Hunt Group outside the Access Area. This charge applies in addition to applicable Switched Access Ordering Charges.

(j) Change of Switched Access Type

Changes from one type of Switched Access to another including the change from Feature Group to Basic Serving Arrangement or the change from Basic Serving Arrangement to Feature Group will be treated as a discontinuance of one type of FIA and start of another. The Switched Access Installation and Ordering Charges will apply, with the following exception:

- (1) When a customer upgrades a FGA, FGB, or FGC to a FGD at the same first point of switching, the charge will not apply. If however, optional features are added to the service at the time the conversion takes place, the Ordering Charge for these additions will apply.
- (2) When a customer upgrades a BSA-A, BSA-B, or BSA-C to a BSA-D at the same first point of switching, the charge will not apply. If however, a BSE(s) are added to the service at the time the conversion takes place, the Switched Access Ordering Charge for these additions will apply.
- (3) Where a customer has Feature Group B (FGB) and Feature Group D (FGD) at a Telephone Company access tandem, the following application of charges will apply for end office conversions:
 - a) Where FGB service exists at an end office the customer may retain the FGB service or upgrade the FGB service to FGD service in conjunction with equal access conversion. When the customer requests no physical changes or trunking additions/deletions to the existing facilities, the ordering charge will not apply to retain the existing service or upgrade.

FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

REC'D JUL 15 2002

4.5 Rate and Charge Regulations (Cont'd)

Service Commission

4.5.2 Rate Regulations (Cont'd)

- (B) (Reserved for Future Use)
- (C) (Reserved for Future Use)
- (D) (Reserved for Future Use)
- (E) Change of Switched Access Type

Changes from one type of Switched Access to another including the change from Feature Group to Basic Serving Arrangement or the change from Basic Serving Arrangement to Feature Group will be treated as a discontinuance of one type of FIA and start of another. The Initial Ordering Charge - Switched Access will apply, with the following exception. When a customer upgrades a FGA, FGB, FGC, BSA-A, BSA-B or BSA-C to a FGD or BSA-D at the same first point of switching, the charge will not apply. If however, optional features are added to the service at the time the conversion takes place, the Subsequent Ordering Charge - Switched Access for these additions will apply.

(F) Moves

A move involves a change in the physical location of the point of termination of Switched Access. The charge for the move depends on whether the move is within the same CDL or to a different CDL.

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FACILITIES FOR INTRASTATE ACCESS

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Service Commission

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(F) Moves (Cont'd)

(1) Same CDL

When the move is to a new point within the same CDL, the Subsequent Ordering Charge - Switched Access in 4.6.1(B) will apply. There will be no change in the minimum period requirements.

(2) A Different CDL

When the move is to a different CDL it will be treated as a disconnect and an installation of Switched Access. The Initial Ordering Charge - Switched Access, as specified in 4.6.1(B) will apply to the Switched Access, installed at the CDL. A new minimum period will also be established for the installed Switched Access. The customer will remain responsible for all remaining minimum period charges associated with the disconnected Switched Access.

(G) Signaling System 7 (SS7) Out of Band Signaling

(1) Subsequent Ordering Charges - Switched Access will apply for a change in FGD or BSA-D switched access and 800/888/877 SAC Access signaling from multifrequency address signaling to SS7 Out of Band Signaling except as specified in 4.5.2(G)(1).

(2) Switched access ordering charges will not apply if Calling Party Number (CPN) Parameter, Carrier Selection Parameter (CSP), and/or Charge Number (CN) Parameter are ordered at the same time as SS7 Out of Band Signaling is ordered in conjunction with FGD or BSA-D. Subsequent Ordering Charges - Switched Access will apply if these optional features are ordered subsequent to the provision of SS7 Out of Band Signaling.

(H) 800/888/877 Data Base Query Service

Query usage charges for 800/888/877 Data Base Query Service shown in 4.6.3(A) apply as follows:

(1) A Basic 800/888/877 Data Base Query charge will apply for each basic 800, 888 or call query received at the Telephone Company's 800/888/877 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis.

(2) A Premium 800/888/877 Data Base Query charge will apply for each premium 800, 888, 877 call query received at the Telephone Company's 800/888/877 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis.

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4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(I) Network Blocking Charge for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service

The customer will be notified by the Telephone Company to increase its capacity when excessive trunk group blocking occurs on groups carrying FGB, FGC, FGD, BSA-B, BSA-C, BSA-D or SAC Access Service traffic and the measured access minutes for the Daily Busiest Hour exceed the capacity purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on Daily Busiest Hour measurements for four contiguous weeks using the five highest traffic days of the week, excluding national holidays. The Telephone Company will not bill the customer a Network Blocking Charge if an ASR for additional capacity is received by the Telephone Company within 15 days of the notification. If an ASR is not received within 15 days of notification the rate in 4.6.1(D), will apply when (1) the Daily Busiest Hour average blocking for the four contiguous weeks exceeds the threshold level and (2) the average originating or two-way usage measured for these same hours exceeds the Switched Access capacity purchased.

Blocking Thresholds

| Trunks in Service | 1% | 1/2% |
|-------------------|------|------|
| 1-2 | .070 | .045 |
| 3-4 | .050 | .035 |
| 5-6 | .040 | .025 |
| 7-or more | .030 | .020 |

The one percent blocking threshold is for FGB, FGC, BSA-B, BSA-C and SAC Access Service transmission paths carrying traffic between a CDL and the first point of switching, or FGD or BSA-D transmission paths carrying traffic direct between a CDL and an end office. The one-half percent blocking threshold is for FGD or BSA-D transmission paths carrying traffic between a CDL and an end office via an access tandem.

(J) Determination of Interstate Charges for Mixed Interstate and Intrastate Switched Access

When mixed interstate and intrastate Switched Access Service is provided, all charges will be prorated based on the jurisdictional distribution of access minutes as in 4.3.2 and 4.3.3. The portion of a Switched Access Service to be charged as intrastate is determined in the following manner:

Multiply the percent intrastate use times the total usage, either measured or assumed, rounded to whole access minutes times the appropriate tariff rate element.

(K) Local Dial-It Services

Customer will be billed charges for terminating Switched Access calls to certain community information services, for which rates are applicable under the Telephone Company General and/or Local Tariffs (e.g., 976 Dial-It Network Services).

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FACILITIES FOR INTRASTATE ACCESS

Missouri Public

4. SWITCHED ACCESS (Cont'd)

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4.5 Rate and Charge Regulations (Cont'd)

Service Commission

4.5.2 Rate Regulations (Cont'd)

(L) Directory Assistance

Terminating Switched Access calls dialed to Directory Assistance will be rated under the applicable rates for the Switched Access in 4.6. In addition, the charge per call to Directory Assistance in the Telephone Company General and/or Local Tariffs may also apply.

(M) (Reserved for Future Use)

(N) Description and Application of Rates

(1) Determination of Premium Rates

Switched Transport, End Office Switching and the Information Surcharge rates are applied as premium rates as set forth in 4.6.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(N) Description and Application of Rates (Cont'd)

(1) Determination of Premium Rates (Cont'd)

The specific application of premium rates for a specific customer is dependent upon the feature group or Basic Serving Arrangement, and the availability of equal access capabilities in the end office or the WATS Serving Office to which the service is provided. The Entrance Facility, Direct-Trunked Transport, Tandem-Switched Transport and Multiplexing rate elements are not subject to premium rating. (N)

Premium rates apply to all FGC, FGD, BSA-C and BSA-D access minutes; to all FGA, FGB, BSA-A, BSA-B and SAC Access Service access minutes that originate from or terminate at end offices or WATS Serving Offices equipped with equal access (i.e., FGD, BSA-D) capabilities; and to all FGB or BSA-D access minutes that terminate at end offices not equipped with equal access, when the service is provided to customers who furnish MTS and WATS. Premium rates also apply to switched access minutes that originate or terminate at a Mobile Telephone Switching Office (MTSO) directly interconnected to a Telephone Company access tandem office. (N)

Premium rates apply to all FGA, FGB, BSA-A, BSA-B and SAC Access Service access minutes (measured or assumed) that originate from or terminate at end offices or WATS Serving Offices which are not equipped with equal access capabilities.

Premium rates also apply to switched access minutes of use that originate/terminate at a MTSO directly interconnected to a Telephone Company nonequal access type end office.

(2) Switched Transport

The Switched Transport is determined as follows:

- (a) The Tandem-Switched Transport - Facility rate is applied per access minute per airline mile for each Switched Access Feature Group or Basic Serving Arrangement type. Tandem-Switched Transport - Facility airline mileage will be determined as follows: (C)

Where Direct-Trunked Transport is ordered between a serving wire center and an access tandem, and Tandem-Switched Transport is ordered to subtending end offices, mileage will be measured from the access tandem to the end office or WSO (for WATS and WATS-type).

When the end office is acting as a host office, a separate mileage calculation determines the mileage from the host office to the remote office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges. The Tandem Switching charge does not apply to traffic between a host and remote office.

The V&H coordinate method is used to determine the actual mileage as set forth in NECA, Inc.'s Tariff FCC No. 4(*). If the calculated miles include a fraction, the value is rounded up to the next full mile. (C)

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

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FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

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4.5 Rate and Charge Regulations (Cont'd)

Service Commission

4.5.2 Rate Regulations (Cont'd)

(N) Description and Application of Rates (Cont'd)

(1) Determination of Premium Rates (Cont'd)

The specific application of premium rates for a specific customer is dependent upon the feature group or Basic Serving Arrangement, and the availability of equal access capabilities in the end office or the WATS Serving Office to which the service is provided.

Premium rates apply to all FGC, FGD, BSA-C and BSA-D access minutes; to all FGA, FGB, BSA-A, BSA-B and SAC Access Service access minutes that originate from or terminate at end offices or WATS Serving Offices equipped with equal access (i.e., FGD, BSA-D) capabilities; and to all FGB or BSA-D access minutes that terminate at end offices not equipped with equal access, when the service is provided to customers who furnish MTS and WATS. Premium rates also apply to switched access minutes that originate or terminate at a Mobile Telephone Switching Office (MTSO) directly interconnected to a Telephone Company access tandem office.

Premium rates apply to all FGA, FGB, BSA-A, BSA-B and SAC Access Service access minutes (measured or assumed) that originate from or terminate at end offices or WATS Serving Offices which are not equipped with equal access capabilities.

Premium rates also apply to switched access minutes of use that originate/terminate at a MTSO directly interconnected to a Telephone Company nonequal access type end office.

(2) Switched Transport

The Switched Transport is determined as follows:

- (a) The Switched Transport Facility rate is applied per access minute per airline mile for each Switched Access Feature Group or Basic Serving Arrangement type.

To determine the Switched Transport Facility airline mileage, distance will be measured from the wire center that normally serves the CDL to the end office or (for WATS or WATS/type) the WSO in the Access Area. The V&H coordinate method is used to determine the actual mileage as set forth in NECA, Inc.'s Tariff FCC No. 4. (*) If the calculated miles include a fraction, the value is always rounded up to the next full mile.

The Switched Transport Facility rate applies to the switched access minutes of use that originate/terminate at a MTSO directly interconnected to a Telephone Company access tandem or end office. The mileage for access is calculated on an airline mile basis, using the V&H coordinate method, between the customers SWC and the SWC of the MTSO.

Where Switched Transport Facility is provided by more than one telephone company, the mileage for each will be determined as in 2.7.

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

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4. SWITCHED ACCESS (Cont'd)

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4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(N) Description and Application of Rates (Cont'd)

(2) Switched Transport (Cont'd)

(a) (Cont'd)

When a non-AT&T CDL is within five miles of an AT&T Class 4 office, the Switched Transport Facility mileage for a call which is carried over Switched Access Service, originating or terminating through an end office switch, shall be the distance as would be determined from that end office switch to the wire center for that AT&T Class 4 office unless the customer specifies that for an entire LATA it wants all measurements determined from its wire center. This designation (i.e., which wire center to use in calculating mileage) may be changed only once in any 12 month period. Such change will be made without charge(s) to the customer.

The Switched Transport Facility rate will not apply if the CDL serving wire center and the end office are co-located (where V/H - V/H = 0).

(b) The Switched Transport Termination rate applies per access minute for each termination (i.e., the first point of switching and the end office serving the end user) for all Switched Access Feature Group or Basic Serving Arrangement types. When both terminations are provided by the Telephone Company, the Switched Transport Termination rate applies twice, including those situations when the terminations are co-located.

The Switched Transport Termination rate applies to switched access minutes of use that originate/terminate at a MTSO directly interconnected to a Telephone Company access tandem or end office.

Where the Switched Transport Facility is provided by more than one telephone company, the Switched Transport Termination rate applies for the termination (i.e., the first point of switching or the end office serving the end user) at the Telephone Company end of the Switched Transport as in 2.7. The Switched Transport Termination rate will not apply when the Telephone Company is the intermediate provider of the Switched Transport Facility.

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FACILITIES FOR INTRASTATE ACCESS

(N)

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(N) Description and Application of Rates (Cont'd)

(2) Switched Transport (Cont'd)

- (e) The Entrance Facility rate is a flat-rated charge assessed per Voiceband, DS1 or DS3 termination at the CDL. This charge will apply even if the CDL and the serving wire center are co-located in a Telephone Company building.

For DS1 Entrance Facilities, a "First System" charge is assessed per Entrance Facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR to be installed at the same time between the same CDL and serving wire center, the "Additional System" charge will apply.

- (f) The Tandem Switching rate is usage-sensitive and is applied per access minute to all feature groups for Tandem-Switched Transport with three exceptions. The Tandem-Switching Rate is not applicable for Tandem-Switched Transport between a host office and a remote office, nor is it applicable for FGA or BSA-A.

The Tandem Switching rate also will not apply to access minutes that originate or terminate at the end office part of a Class 4/5 switch.

- (g) The Interconnection rate is usage-sensitive and is applied per access minute to all feature groups that utilize the Telephone Company's switched access network. It applies to all minutes of use whether transported via Direct-Trunked Transport, Tandem-Switched Transport, or Entrance Facilities.

The Interconnection Rate applies to customers utilizing Telephone Company Transport.

(N)

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4. SWITCHED ACCESS (Cont'd)

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4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(N) Description and Application of Rates (Cont'd)

(2) Switched Transport (Cont'd)

- (d) When the Alternate Traffic Routing optional arrangement is provided in conjunction with Feature Groups B and D or BSA-B and BSA-D and the end office or access tandem switch is unable to determine the specific trunk group carrying alternate routed traffic to multiple CDLs, switched transport access minutes will be apportioned among the number of trunk groups utilized to provide this optional arrangement. Such apportionment will occur through the application of Percent Traffic Routed (PTR) values provided by the customer on the ASR. The PTR value for each trunk group, the percentage of total traffic to be attributed to each trunk group, will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying alternate routed traffic. The resulting percentage, or PTR value, for each trunk group will be multiplied times the total alternate routed traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for alternate routed originating traffic as described herein.

When Feature Group B or D or BSA-B or BSA-D Switched Access service is terminated from multiple CDLs through an access tandem or is terminated from multiple CDLs directly to an end office and the end office or access tandem switch is unable to determine the specific trunk group carrying such terminating traffic, switched transport access minutes will be apportioned among the number of trunk groups carrying such terminating traffic. Such apportionment will occur through the application of PTR values provided by the customer on the ASR. The PTR value for each trunk group will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying such terminating traffic. The resulting PTR value for each trunk group will be multiplied times the total terminating traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for traffic terminating from multiple CDLs as described herein.

The PTR values as described herein must be included on any ASR establishing or changing any Switched Access service arrangement requiring the use of PTRs. The notation of such PTR values on ASRs must indicate whether the PTR will be used to apportion alternate routed originating traffic to multiple CDLs or to apportion traffic terminating from multiple CDLs. The Telephone Company may conduct verification audits, not to exceed one each year, for each customer, and for each location. Such audits may be conducted by independent auditors if the Telephone Company and the customer, or the customer alone, is willing to pay the expense.

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4. SWITCHED ACCESS (Cont'd)

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4.5 Rate and Charge Regulations (Cont'd)

Service Commission

4.5.2 Rate Regulations (Cont'd)

(N) Description and Application of Rates (Cont'd)

(3) Extended FGA and BSA-A Terminating Traffic

(a) For calls established on a 1+ or expanded seven digit measured calling basis, outside the specific FGA or BSA-A Access Area, however inside the LATA, in conjunction with terminating FGA or BSA-A traffic to an end office equipped with Equal Access capabilities, the following rates apply:

- for each access minute of each such call, the premium rates per access minute for End Office Switching, in 4.6.3, and the Information Surcharge in 4.6.4.
- for each access minute of each such call, the premium Switched Transport Facility rate per access minute per airline mile in 4.6.2(A).

For calls established on a 1+ or expanded seven digit measured calling basis, outside the specific FGA or BSA-A Access Area, however inside the LATA, in conjunction with terminating FGA or BSA-A traffic to an end office not equipped with Equal Access capabilities, the following rates apply:

- for each access minute of each such call, the premium rates per access minute for End Office Switching, in 4.6.3, and the Information Surcharge in 4.6.4.
- for each access minute of each such call, the premium Switched Transport Facility rate per access minute per airline mile in 4.6.2(A).

The rates for terminating FGA or BSA-A calls established on a 1+ or expanded seven digit measured calling basis in the preceding paragraphs are in addition to the applicable FGA or BSA-A rates charged within the Access Area for each such call.

(b) When FGA or BSA-A terminating traffic is extended outside the LATA, as in 4.2.1(A)(6) Switched Access rate elements in 4.6.3 and 4.6.4, will be billed to the FGA or BSA-A customer for the terminating interLATA access function provided via the FGA or BSA-A connection, and Switched Access rate elements, in 4.6.2(A) and(B), 4.6.3 and 4.6.4, will be billed to the IC providing the interLATA service to the FGA or BSA-A customer for the originating interLATA access function.

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4. SWITCHED ACCESS (Cont'd)

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4.5 Rate and Charge Regulations (Cont'd)

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4.5.2 Rate Regulations (Cont'd)

(N) Description and Application of Rates (Cont'd)

(4) Equal Access Notification

The Telephone Company will provide written notification to all of its customers of record operating within a particular LATA that an end office in that LATA is scheduled to be converted to an equal access end office. This notification will be sent, via U.S. Mail, to each GTOC customer of record operating in the LATA where the conversion is scheduled to occur, at least twelve months in advance of the conversion date.

The customer will have the choice of converting existing services to equal access (i.e., Feature Group D or BSA-D) at no charge or retaining the existing services (with the exception of FGC or BSA-C). Premium rates will apply to the total Access Minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD, BSA-D or retain existing services.

(5) End Office Switching

End Office Switching is available on a bundled or unbundled basis. End Office Switching - Bundled (EOSB) rates apply to Switched Access services provided as Feature Groups. End Office Switching - Unbundled (EOSU) rates apply to Switched Access services provided as Basic Serving Arrangements.

When equal access becomes available, rates for end office switching 1 (EOS1) and end office switching 2 (EOS2) will apply as follows:

- (a) FGA and BSA-A customers will pay the EOS1 rate for all FGA or BSA-A access minutes originating from or terminating at that end office except as in (f).
- (b) FGB and BSA-B customers with no FGD or BSA-D service provided at the same end office will pay the EOS1 rate for all FGB or BSA-B or access minutes originating from or terminating at that end office except as in (f).
- (c) FGB and BSA-B customers with FGD or BSA-D service provided at the same end office will pay the EOS1 rate for FGB or BSA-B access minutes originating from that end office and the EOS2 rate for FGB or BSA-B access minutes terminating at that end office.
- (d) FGD and BSA-D customers will pay the EOS2 rate for all FGD or BSA-D access minutes originating from or terminating at that end office.
- (e) SAC Access Service customers will pay the EOS2 rate for all SAC Access minutes originating from that end office.
- (f) When FGA, FGB, BSA-A or BSA-B is used for terminating WATS or WATS-type services, the customer will pay the EOS2 rate for all terminating access minutes.
- (g) End Office Switching rates do not apply to switched access minutes of use that originate or terminate at MTSOs directly interconnected to a Telephone Company access tandem office.

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4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(N) Description and Application of Rates (Cont'd)

(6) Tandem Switch Signaling (TSS)

TSS will be provided via FGD or BSA-D Switched Access, 500 SAC Access, or 900 SAC Access services with either multifrequency (MF) address signaling or SS7 Out of Band Signaling. TSS is available with originating calling only, terminating calling only, or, where available, two-way calling trunks. TSS two-way calling trunks are only available from end offices where the switch technology is capable of measuring the terminating usage on two-way TSS equipped trunks. Where the end office switch technology is not capable of measuring terminating usage on two-way calling TSS equipped trunks, the customer must order originating calling only or terminating calling only trunks for use with TSS.

Switched Access connections to the customer's access tandem location(s) shall be via Direct-Trunked Transport and/or Entrance Facility. The Switched Access Entrance Facility provides the facility, including interface arrangement, between the point of termination at the customer designated location and the Telephone Company's serving wire center. Direct-Trunked Transport provides the interoffice facilities dedicated to a single customer between the serving wire center and end offices. TSS is not available via a Telephone Company access tandem. The facilities ordered by the customer for connectivity from the customer's access tandem to an IC's CDL is provided via Special Access facilities as described in Section 5.

- For originating usage the owner of the carrier identification code will be billed for all usage.
- For terminating usage all associated Switched Access usage charges are the responsibility of the TSS customer. At the TSS customer's request, the Telephone Company will bill each of the TSS customer's users directly for their respective usage, if the TSS customer agrees to furnish the Telephone Company, free of charge, the call detail information necessary to bill its users. This call detail information must be provided daily for the previous day's usage in industry standard format (i.e., 1101-20 Expanded Message Record format with end office level detail). The information must be provided by either electronic transmission or magnetic tape as specified by the Telephone Company.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(N) Description and Application of Rates (Cont'd)

(6) Tandem Switch Signaling (Cont'd)

If the TSS customer fails to provide the call detail information or fails to provide information in the required format within 30 days from the call activity date, then the TSS customer will be billed for that day's usage. Where the total usage measured by the Telephone Company differs from the total amount of usage provided by the TSS customer's call detail information, the Telephone Company will work cooperatively with the TSS customer to resolve the discrepancies.

The Telephone Company reserves the right to audit billing tape information upon 30 days' notice to the TSS customer. In the event of a discrepancy, if final agreement cannot be reached, charges will be billed based on the results of the audit.

(7) Dedicated Trunk Port Charge

The Dedicated Trunk Port charge, as set forth in 4.6.2(I), shall apply for termination of a dedicated trunk at the access tandem or an end office. It is flat-rated and is assessed per voice grade or DS1 channel terminating at an end office or access tandem.

(8) Shared Trunk Port Charge

The Shared Trunk Port, as set forth in 4.6.3(O), provides for the termination of a Tandem-Switched Trunk at an end office. The Shared Trunk Port is usage rated and shall be assessed to all access minutes which utilize Tandem-Switched Transport. This includes minutes of use associated with FGA service when traffic is terminated in an end office that is not the dial tone office and on minutes of use provided at a remote office.

The Shared Trunk Port charge will not apply to access minutes that originate or terminate at the end office part of a Class 4/5 switch.

The Shared Trunk Port charge does not apply to switched access minutes of use that originate or terminate at MTSOs directly interconnected to a Telephone Company access tandem.

When the Tandem-Switched Transport is provided by more than one telephone company, the Shared Trunk Port charge shall be billed by the Telephone Company in whose territory the end office is located, as in 2.7(A)(2)(g).

(N)

(N)

FACILITIES FOR INTRASTATE ACCESS

(N)

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(N) Description and Application of Rates (Cont'd)

(7) Dedicated Trunk Port Charge

The Dedicated Trunk Port charge, as set forth in 4.6.2(I), shall apply for termination of a dedicated trunk at the access tandem or an end office. It is flat-rated and is assessed per voice grade or DS1 channel terminating at an end office or access tandem.

(8) Shared Trunk Port Charge

The Shared Trunk Port, as set forth in 4.6.3(O), provides for the termination of a Tandem-Switched Trunk at an end office. The Shared Trunk Port is usage rated and shall be assessed to all access minutes which utilize Tandem-Switched Transport. This includes minutes of use associated with FGA service when traffic is terminated in an end office that is not the dial tone office and on minutes of use provided at a remote office.

The Shared Trunk Port charge will not apply to access minutes that originate or terminate at the end office part of a Class 4/5 switch.

The Shared Trunk Port charge does not apply to switched access minutes of use that originate or terminate at MTSOs directly interconnected to a Telephone Company access tandem.

When the Tandem-Switched Transport is provided by more than one telephone company, the Shared Trunk Port charge shall be billed by the Telephone Company in whose territory the end office is located, as in 2.7(A)(2)(g).

(N)

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4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(N) Description and Application of Rates (Cont'd)

(6) (Reserved for Future Use)

(7) (Reserved for Future Use)

(8) 500 NXX Translation Nonrecurring Charge

The 500 NXX Translation Nonrecurring Charge, as set forth in 4.6.1(E), shall apply to each 500 NXX code activated or deactivated in a Telephone Company switch capable of performing the customer identification function for 500 SAC Access Service. The total nonrecurring charge per customer order shall be determined by multiplying the number of switches in which the Telephone Company must activate or deactivate the 500 NXX code within the serving area specified by the customer's order times the appropriate nonrecurring charge. Separate nonrecurring charges apply to the activation or deactivation of the first 500 NXX code contained on the customer's ASR and to the activation or deactivation of each additional 500 NXX code contained on the same ASR. In addition, the Subsequent Ordering Charge-Switched Access, as set forth in 4.6.1(B) will apply per ASR submitted for the activation or deactivation of NXX codes.

(9) Carrier Identification Parameter (CIP)

The Carrier Identification Parameter (CIP) provides for the transmission of the Carrier Identification Code (CIC) or the access code 101XXXX to the customer with the Initial Address Message (IMA). CIP will be populated by a 4-digit CIC at the rates shown in 4.6.7. The monthly recurring rate is applicable per trunk. The nonrecurring charge is applicable per CIC, per trunk group. The nonrecurring charge has two rate levels. There is a nonrecurring charge applicable to trunk groups direct to the access tandem and a nonrecurring charge applicable to trunk groups direct to an end office.

(O) Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or Telephone Company access tandems. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGA, FGB, FGC, BSA-A, BSA-B, BSA-C (to SAC Access and Directory Assistance Services) and FGD or BSA-D, the measured access minutes are the chargeable access minutes. For originating calls over FGA, FGB, BSA-A and BSA-B, the measured access minutes are the chargeable access minutes.

For originating calls over FGC or BSA-C, chargeable access minutes are derived from measured access minutes through the use of a Telephone Company factor. A description of the factor is in (4).

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4. SWITCHED ACCESS (Cont'd)

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4.5 Rate and Charge Regulations (Cont'd)

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4.5.2 Rate Regulations (Cont'd)

(O) Measuring Access Minutes (Cont'd)(5) Feature Group D and BSA-D Usage Measurement (Cont'd)

For terminating calls over FGD or BSA-D with MF signaling or FGD or BSA-D with SS7 Out of Band Signaling, usage measurement begins when the FGD or BSA-D first point of switching receives answer supervision from the end office switch, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD or BSA-D with MF signaling ends when the FGD or BSA-D first point of switching receives disconnect supervision from either the end office switch, indicating the terminating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching.

The measurement of terminating call usage over FGD or BSA-D with SS7 Out of Band Signaling ends when the FGD or BSA-D first point of switching receives or sends a Release Message, whichever occurs first.

(6) SAC Access Service Usage Measurement

SAC Access Service usage measurement shall be in accordance with the regulations set forth for FGC, FGD, BSA-C and BSA-D. Specifically, for usage originating from end offices not equipped with equal access capabilities, access minutes shall be measured in the same manner in which FGC or BSA-C access minutes are measured. For usage originating from end offices equipped with equal access capabilities, access minutes shall be measured in the same manner in which FGD or BSA-D access minutes are measured.

(P) FGD and BSA-D Switched Access Service With 950-XXXX Access

When a customer orders FGD or BSA-D Switched Access Service with 950-XXXX Access, as described in 4.2.5(T), to be included with the installation of new FGD or BSA-D switched access facilities, appropriate Switched Access Installation Charges and Switched Access Ordering Charges will apply for the installation of the new FGD or BSA-D switched access facilities.

When a customer orders FGD or BSA-D Switched Access Service with 950-XXXX Access to be added to an existing FGD or BSA-D switched access service, only the Subsequent Ordering Charge - Switched Access and the Design Change Charge will apply for the addition of this optional end office service arrangement.

4.5.3 (Reserved for Future Use)

Issued: July 18, 2002

Missouri Public

Effective: September 1, 2002

CANCELLED
July 2, 2013
Missouri Public
Service Commission
JI-2013-0493

Jeffrey Glover
Vice President External Relations
Monroe, Louisiana

FILED SEP 01 2002
TM-02-232
Service Commission

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.4 (Reserved for Future Use)

4.5.5 Application of Rates for FGA and BSA-A Extension Service

FGA or BSA-A is available with extensions (i.e., additional terminations of the service at different buildings in the same LATA). FGA or BSA-A extensions are provided and charged for as Special Access. The rate elements which apply are Special Transport (from the extension bridging point to the wire center serving the CDL), and Special Access Lines. All appropriate monthly rates and nonrecurring charges are in 5.7.

4.5.6 (Reserved for Future Use)

4.5.7 (Reserved for Future Use)

4.5.8 (Reserved for Future Use)

4.5.9 Shared Use Analog and Digital High Capacity Services

Monthly charges for a DS1 or DS3 high capacity shared used facility will be apportioned between Switched and Special Access based on the relative proportion of channels used for switched and special access in the following manner.

If the facility is ordered as Special Access, rating as Special Access will continue until such time as a portion of the available capacity is used to provide Switched Access service. As individual channels are activated for Switched Access, monthly charges will be apportioned between Switched and Special Access based on the number of channels used for Switched Access and the number of remaining channels on the Special Access facility according to the following formula:

- The total shared use charge is equal to the Monthly Switched Access Charge times the number of channels used for Switched Access divided by 24 for DS1 or 672 for DS3 plus the monthly Special Access Charge times the number of channels remaining for Special Access divided by 24 for DS1 or 672 for DS3.

If the facility is ordered as Switched Access, rating as Switched Access will continue until such time as a portion of the available capacity is used to provide Special Access service. As individual channels are activated for Special Access, monthly charges will be apportioned between Switched and Special Access based on the number of channels used for Special Access and the number of remaining channels on the Switched Access Facility according to the following formula:

- The total shared use charge is equal to the Monthly Special Access Charge times the number of channels used for Special Access divided by 24 for DS1 or 672 for DS3 plus the monthly Switched Access Charge times the number of channels remaining for Switched Access divided by 24 for DS1 or 672 for DS3.

The monthly Switched and Special Access rate used will be the appropriate rate (Special Access SAL, Transport, Multiplexer and/or Cross Connect Arrangement and Switched Access Entrance Facility, Direct-Trunked Transport and/or Multiplexer) for the underlying shared use facility.

CANCELLED - Missouri Public Service Commission - 12/9/2024 - JI-2024-0068

(C)

(N)

(N)

ISSUED: May 1, 2012

Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

EFFECTIVE: July 3, 2012

FILED
Missouri Public
Service Commission
TT-2012-0317, YI-2012-0633

FACILITIES FOR INTRASTATE ACCESS

Missouri Public

4. SWITCHED ACCESS (Cont'd)

REC'D JUL 15 2002

4.5 Rate and Charge Regulations (Cont'd)

Service Commission

4.5.4 (Reserved for Future Use)

4.5.5 Application of Rates for FGA and BSA-A Extension Service

FGA or BSA-A is available with extensions (i.e., additional terminations of the service at different buildings in the same LATA). FGA or BSA-A extensions are provided and charged for as Special Access. The rate elements which apply are Special Transport (from the extension bridging point to the wire center serving the CDL), and Special Access Lines. All appropriate monthly rates and nonrecurring charges are in 5.7.

4.5.6 (Reserved for Future Use)

4.5.7 (Reserved for Future Use)

4.5.8 (Reserved for Future Use)

4.5.9 (Reserved for Future Use)

Missouri Public

Issued: July 18, 2002

Effective: September 1, 2002

CANCELED

July 6, 2011

Missouri Public

Service Commission

WRC/JHA

Jeffrey Glover
Vice President External Relations
Monroe, Louisiana

FILED SEP 01 2002

JM-02-232
Service Commission

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges

4.6.1 Nonrecurring Charges

(A) (Reserved for Future Use)

(B) Switched Access Service Ordering Charges

| | CenturyTel of <u>Central Mo.</u> | CenturyTel of <u>Missouri</u> | (T) |
|------------------------|-------------------------------------|----------------------------------|-----|
| Initial – Per ASR | \$97.50 | \$30.14 | |
| Subsequently – Per ASR | 97.50 | 30.14 | (T) |

(C) Design Change Charge

| | | | |
|---------------------------------|-------|-------|--|
| - <u>Per ASR/Per Occurrence</u> | 32.40 | 26.21 | |
|---------------------------------|-------|-------|--|

(D) (Reserved for Future Use)

(E) 500 NXX Translation Charge
– Per ASR/Per End Office

| | | | |
|----------------------------|-------|-------|-----|
| First NXX | 23.00 | 23.00 | (T) |
| Each Additional NXX | 12.00 | 12.00 | (T) |

ISSUED: February 26, 2015

EFFECTIVE: March 28, 2015

Gary Kepley
Director - Regulatory Operations
New Century, Kansas

15-02A

CANCELLED
July 1, 2017
Missouri Public
Service Commission
YI-2017-0228

FILED
Missouri Public
Service Commission
JI-2015-0264

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges

4.6.1 Nonrecurring Charges

(A) (Reserved for Future Use)

(B) Switched Access Service Ordering Charges

| | <u>USOC</u> | CenturyTel of <u>Central Mo.</u> | Century Tel of <u>Missouri</u> | |
|------------------------|-------------|-------------------------------------|-----------------------------------|-----|
| Initial – Per ASR | SESCL | \$97.50 (R) | \$30.14 (R) | (C) |
| Subsequently – Per ASR | SESBX | 97.50 (R) | 30.14 (R) | (C) |

(C) Design Change Charge

| | | | | |
|---------------------------------|--|-----------|-----------|-----|
| - <u>Per ASR/Per Occurrence</u> | | 32.40 (R) | 26.21 (R) | (C) |
|---------------------------------|--|-----------|-----------|-----|

(D) (Reserved for Future Use)

(M)

(M)

(E) 500 NXX Translation Charge
– Per ASR/Per End Office

| | | | | |
|---------------------|-------|-------|-------|-----|
| First NXX | NW51X | 23.00 | 23.00 | (T) |
| East Additional NXX | NW5AX | 12.00 | 12.00 | (T) |

(M) Material omitted from this sheet now appears on Sheet 152.1

FACILITIES FOR INTRASTATE ACCESS

Missouri Public

REC'D JUL 15 2002

Service Commission

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges

4.6.1 Nonrecurring Charges

- (A) (Reserved for Future Use)
- (B) Switched Access Service Ordering Charges

| (USOC) | <u>Initial</u> <u>Ordering Charge - Switched Access</u> <u>per ASR</u> <u>(SESCL)</u> | <u>Subsequent</u> <u>Ordering Charge - Switched Access</u> <u>per ASR</u> <u>(SESBX)</u> |
|--------|--|---|
| | \$232.81 | \$218.49 |

- (C) Design Change Charge
Per ASR/Per Occurrence
\$49.39

- (D) Network Blocking Charge
Applies to FGB, FGC, FGD, BSA-B,
BSA-C, BSA-D SAC Access Service
Per Call
\$.018

| (USOC) | <u>First NXX</u> <u>Per ASR/Per End Office</u> <u>(NW51X)</u> | <u>Each Additional NXX</u> <u>Per ASR/Per End Office</u> <u>(NW5AX)</u> |
|--------|---|---|
| | \$23.00 | \$12.00 |

Missouri Public

Issued: July 18, 2002

Jeffrey Glover
Vice President External Relations
Monroe, Louisiana

Effective September 1, 2002
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TM-02-232
Service Commission

CANCELLED
July 2, 2013
Missouri Public
Service Commission
JI-2013-0493

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport (Cont'd)

| | | <u>Rate</u> | |
|--|--------------------|----------------------------------|-----------------------------------|
| | <u>Originating</u> | <u>Terminating 3rd Party</u> | <u>Terminating End Office</u> |
| (A) <u>Tandem-Switched Transport – Facility</u> Per Access Minute, Per Airline Mile | | | |
| CenturyTel of Central Missouri | \$0.0000260 | \$0.0000260 | \$0.0000000 |
| CenturyTel of Missouri, LLC | \$0.0000346 | \$0.0000346 | \$0.0000000 |
| (B) <u>Tandem-Switched Transport – Termination</u> Per Access Minute, Per Termination | | | |
| CenturyTel of Central Missouri | \$0.0002888 | \$0.0002888 | \$0.0000000 |
| CenturyTel of Missouri, LLC | \$0.0001430 | \$0.0001430 | \$0.0000000 |
| (C) <u>Tandem Switching</u> Per Access Minute | | | |
| CenturyTel of Central Missouri | \$0.0022365 | \$0.0022365 | \$0.0000000 (R) |
| CenturyTel of Missouri, LLC | \$0.0014957 | \$0.0014957 | \$0.0000000 (R) |
| (D) <u>Shared Multiplexing</u> Per Access Minute | | | |
| CenturyTel of Central Missouri | \$0.0001810 | \$0.0001810 | \$0.0000000 |
| CenturyTel of Missouri, LLC | \$0.0000368 | \$0.0000368 | \$0.0000000 |
| (E) <u>Interconnection Rate</u> Telephone Company Provided Transport | | <u>Rate</u> | <u>Terminating</u> |
| | | <u>Originating</u> | |
| CenturyTel of Central Missouri | | \$0.000225 | \$0.000000 |
| CenturyTel of Missouri, LLC | | \$0.012188 | \$0.000000 |

ISSUED: May 1, 2018

EFFECTIVE: July 3, 2018

CANCELLED
July 1, 2021
Missouri Public
Service Commission
JI-2021-0198

Christy V. Londerholm
Director - Regulatory Compliance & Analytics
New Century, Kansas

FILED
Missouri Public
Service Commission
YI-2018-0145

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport (Cont'd)

| | | <u>Rate</u> | | | |
|--|--------------------|----------------------------------|-----------------------------------|-----|-----|
| | <u>Originating</u> | <u>Terminating 3rd Party</u> | <u>Terminating End Office</u> | | (T) |
| (A) <u>Tandem-Switched Transport – Facility</u> Per Access Minute, Per Airline Mile | | | | | (T) |
| CenturyTel of Central Missouri | \$0.0000260 | \$0.0000260 | \$0.0000000 | (R) | |
| CenturyTel of Missouri, LLC | \$0.0000346 | \$0.0000346 | \$0.0000000 | (R) | |
| (B) <u>Tandem-Switched Transport – Termination</u> Per Access Minute, Per Termination | | | | | |
| CenturyTel of Central Missouri | \$0.0002888 | \$0.0002888 | \$0.0000000 | (R) | |
| CenturyTel of Missouri, LLC | \$0.0001430 | \$0.0001430 | \$0.0000000 | (R) | |
| (C) <u>Tandem Switching</u> Per Access Minute | | | | | |
| CenturyTel of Central Missouri | \$0.0022365 | \$0.0022365 | \$0.0007000 | (R) | |
| CenturyTel of Missouri, LLC | \$0.0014957 | \$0.0014957 | \$0.0007000 | (R) | |
| (D) <u>Shared Multiplexing</u> Per Access Minute | | | | | |
| CenturyTel of Central Missouri | \$0.0001810 | \$0.0001810 | \$0.0000000 | (R) | |
| CenturyTel of Missouri, LLC | \$0.0000368 | \$0.0000368 | \$0.0000000 | (R) | |
| (E) <u>Interconnection Rate</u> Telephone Company Provided Transport | | | | | |
| CenturyTel of Central Missouri | | \$0.000225 | \$0.000000 | | |
| CenturyTel of Missouri, LLC | | \$0.012188 | \$0.000000 | | |

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport

| | <u>Rate</u> | | |
|--|--------------------|--------------------|-----|
| | <u>Originating</u> | <u>Terminating</u> | |
| (A) <u>Tandem-Switched Transport – Facility</u> Per Access Minute, Per Airline Mile | | | |
| CenturyTel of Central Missouri | \$0.0000260 | \$0.0000260 | |
| CenturyTel of Missouri, LLC | \$0.0000346 | \$0.0000346 | |
| (B) <u>Tandem-Switched Transport – Termination</u> Per Access Minute, Per Termination | | | |
| CenturyTel of Central Missouri | \$0.0002888 | \$0.0002888 | |
| CenturyTel of Missouri, LLC | \$0.0001430 | \$0.0001430 | |
| (C) <u>Tandem Switching</u> Per Access Minute | | | |
| CenturyTel of Central Missouri | \$0.0022365 | \$0.0022365 | |
| CenturyTel of Missouri, LLC | \$0.0014957 | \$0.0014957 | |
| (D) <u>Shared Multiplexing</u> Per Access Minute | | | |
| CenturyTel of Central Missouri | \$0.0001810 | \$0.0001810 | |
| CenturyTel of Missouri, LLC | \$0.0000368 | \$0.0000368 | |
| (E) <u>Interconnection Rate</u> Telephone Company Provided Transport | | | |
| CenturyTel of Central Missouri | \$0.000225 | \$0.000000 | (R) |
| CenturyTel of Missouri, LLC | \$0.012188 | \$0.000000 | (R) |

ISSUED: May 1, 2013

EFFECTIVE: July 2, 2013

Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

CANCELLED
July 1, 2017
Missouri Public
Service Commission
YI-2017-0228

FILED
Missouri Public
Service Commission
JI-2013-0493

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport

| | <u>Rate</u> | | |
|--|--------------------|--------------------|-----|
| | <u>Originating</u> | <u>Terminating</u> | |
| (A) <u>Tandem-Switched Transport – Facility</u> Per Access Minute, Per Airline Mile | | | (C) |
| CenturyTel of Central Missouri | \$0.0000260 | \$0.0000260 | |
| CenturyTel of Missouri, LLC | \$0.0000346 | \$0.0000346 | |
| (B) <u>Tandem-Switched Transport – Termination</u> Per Access Minute, Per Termination | | | (C) |
| CenturyTel of Central Missouri | \$0.0002888 | \$0.0002888 | |
| CenturyTel of Missouri, LLC | \$0.0001430 | \$0.0001430 | |
| (C) <u>Tandem Switching</u> Per Access Minute | | | (N) |
| CenturyTel of Central Missouri | \$0.0022365 | \$0.0022365 | |
| CenturyTel of Missouri, LLC | \$0.0014957 | \$0.0014957 | |
| (D) <u>Shared Multiplexing</u> Per Access Minute | | | |
| CenturyTel of Central Missouri | \$0.0001810 | \$0.0001810 | |
| CenturyTel of Missouri, LLC | \$0.0000368 | \$0.0000368 | |
| (E) <u>Interconnection Rate</u> Telephone Company Provided Transport | | | (N) |
| CenturyTel of Central Missouri | \$0.000225 | \$0.000225 | |
| CenturyTel of Missouri, LLC | \$0.012188 | \$0.012188 | |

ISSUED: May 1, 2012

Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

EFFECTIVE: July 3, 2012

FILED
Missouri Public
Service Commission
TT-2012-0317, YI-2012-0633

CANCELLED
July 2, 2013
Missouri Public
Service Commission
JI-2013-0493

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport

(A) Switched Transport Facility

Rates for each Access Minute, per airline mile.

Premium Rates
Switched Transport Facility
Per Access Minute Per
Airline Mile

\$.00052785 (I)

(B) Switched Transport Termination

Rates for each Access Minute, for each termination.

Premium Rates
Switched Transport Termination
Per Access Minute Per
Termination

\$.00487683 (I)

Issued: August 15, 2008

Effective: October 1, 2008

Chantel Mosby
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CANCELED
July 6, 2011
Missouri Public
Service Commission
WRC/FB JHA

FILED
Missouri Public
Service Commission

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport

(A) Switched Transport Facility

Rates for each Access Minute, per airline mile.

Premium Rates
Switched Transport Facility
Per Access Minute Per
Airline Mile

\$.00051595 (I)

(B) Switched Transport Termination

Rates for each Access Minute, for each termination.

Premium Rates
Switched Transport Termination
Per Access Minute Per
Termination

\$.00476686 (I)

Issued: August 16, 2007

Effective: October 1, 2007

Chantel Mosby
Manager, Tariffs and Compliance
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CANCELLED
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Missouri Public
Service Commission

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Missouri Public
Service Commission

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport

(A) Switched Transport Facility

Rates for each Access Minute, per airline mile.

Premium Rates
Switched Transport Facility
Per Access Minute Per
Airline Mile

\$.00050639 (R)

(B) Switched Transport Termination

Rates for each Access Minute, for each termination.

Premium Rates
Switched Transport Termination
Per Access Minute Per
Termination

\$.00467850 (R)

Issued: August 28, 2006

Chantel Mosby
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Monroe, Louisiana

Effective: ~~October 12, 2006~~

October 1, 2006

CANCELLED
October 1, 2007
Missouri Public
Service Commission

IT-2007-0089

Filed
Missouri Public
Service Commission

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport

(A) Switched Transport Facility

Rates for each Access Minute, per airline mile.

Premium Rates
Switched Transport Facility
Per Access Minute Per
Airline Mile

\$.0005072

(R)

(B) Switched Transport Termination

Rates for each Access Minute, for each termination.

Premium Rates
Switched Transport Termination
Per Access Minute Per
Termination

\$.0046859

(R)

Issued: August 1, 2005

Chantel Mosby
Manager, Tariffs and Compliance
Monroe, Louisiana

Effective: ~~September 1, 2005~~

October 1, 2005

Cancelled

October 1, 2006

Missouri Public
Service Commission

Filed

Missouri Public
Service Commission

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport

(A) Switched Transport Facility

Rates for each Access Minute, per airline mile.

Premium Rates
Switched Transport Facility
Per Access Minute Per
Airline Mile

\$.0005181

(R)

(B) Switched Transport Termination

Rates for each Access Minute, for each termination.

Premium Rates
Switched Transport Termination
Per Access Minute Per
Termination

\$.0047866

(R)

CANCELLED

OCT 01 2005
BY *2nd RS 151*
Public Service Commission
MISSOURI

FACILITIES FOR INTRASTATE ACCESS

Missouri Public

REC'D JUL 15 2002

Service Commission

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport

(A) Switched Transport Facility

Rates for each Access Minute, per airline mile.

Premium Rates
Switched Transport Facility
Per Access Minute Per
Airline Mile

\$.00053186

(B) Switched Transport Termination

Rates for each Access Minute, for each termination.

Premium Rates
Switched Transport Termination
Per Access Minute Per
Termination

\$.00491350

CANCELLED

SEP 05 2004
by GRS 151
Public Service Commission
MISSOURI

Missouri Public

Issued: July 18, 2002

Jeffrey Glover
Vice President External Relations
Monroe, Louisiana

Effective: September 1, 2002

FILED SEP 01 2002
TM 02 232
Service Commission

FACILITIES FOR INTRASTATE ACCESS

(N)

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport (Cont'd)

| | <u>Monthly Rate</u> |
|--|---------------------|
| (F) <u>Direct-Trunked Transport-Voiceband</u> Facility – Per Airline Mile | |
| CenturyTel of Central Missouri | \$5.01 |
| CenturyTel of Missouri, LLC | \$1.25 |
| Termination – Per Termination | |
| CenturyTel of Central Missouri | N/A |
| CenturyTel of Missouri, LLC | \$7.83 |
| (G) <u>Direct-Trunked Transport-DS1</u> Facility – Per Airline Mile | |
| CenturyTel of Central Missouri | \$8.72 |
| CenturyTel of Missouri, LLC | \$11.75 |
| Termination – Per Termination | |
| CenturyTel of Central Missouri | \$23.28 |
| CenturyTel of Missouri, LLC | \$30.55 |
| (H) <u>Direct-Trunked Transport-DS3</u> Facility – Per Airline Mile | |
| CenturyTel of Central Missouri | \$28.61 |
| CenturyTel of Missouri, LLC | \$32.95 |
| Termination – Per Termination | |
| CenturyTel of Central Missouri | \$291.60 |
| CenturyTel of Missouri, LLC | \$334.01 |

(N)

ISSUED: May 1, 2012

Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

EFFECTIVE: July 3, 2012

FILED
Missouri Public
Service Commission
TT-2012-0317, YI-2012-0633

CANCELLED
July 1, 2021
Missouri Public
Service Commission
JI-2021-0198

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport (Cont'd)

| (I) <u>Dedicated Trunk Port</u> | <u>Monthly Rate</u> | <u>Service Installation Charge</u> |
|---------------------------------|---------------------|------------------------------------|
|---------------------------------|---------------------|------------------------------------|

(D)
—
(D)

Access Tandem - Per Channel

| | | |
|--------------------------------|---------|--|
| CenturyTel of Central Missouri | | |
| - Voiceband | \$16.77 | |
| - DS1 | \$7.89 | |

| | | |
|-----------------------------|---------|--|
| CenturyTel of Missouri, LLC | | |
| - Voiceband | \$17.77 | |
| - DS1 | \$11.81 | |

(J) Entrance Facility-Voiceband
Per Entrance Facility

2-Wire Voiceband

| | | |
|--------------------------------|---------|----------|
| CenturyTel of Central Missouri | \$28.85 | \$150.00 |
| CenturyTel of Missouri, LLC | \$19.01 | \$150.00 |

4-Wire Voiceband

| | | |
|--------------------------------|---------|----------|
| CenturyTel of Central Missouri | \$43.35 | \$150.00 |
| CenturyTel of Missouri, LLC | \$22.81 | \$150.00 |

ISSUED: December 2, 2015

EFFECTIVE: January 1, 2016

Gary Kepley
Director - Regulatory Operations
New Century, Kansas

CANCELLED
July 1, 2021
Missouri Public
Service Commission
JI-2021-0198

FILED
Missouri Public
Service Commission
JI-2016-0139

FACILITIES FOR INTRASTATE ACCESS

(N)

- 4. SWITCHED ACCESS (Cont'd)
- 4.6 Rates and Charges (Cont'd)
- 4.6.2 Switched Transport (Cont'd)

| | <u>Monthly Rate</u> | <u>Service Installation Charge</u> |
|--|---------------------|--|
| (I) <u>Dedicated Trunk Port</u> | | |
| <u>End Office - Per Channel</u> | | |
| CenturyTel of Central Missouri | | |
| - Voiceband | \$27.29 | |
| - DS1 | \$10.14 | |
| CenturyTel of Missouri, LLC | | |
| - Voiceband | \$22.47 | |
| - DS1 | \$8.39 | |
| <u>Access Tandem - Per Channel</u> | | |
| CenturyTel of Central Missouri | | |
| - Voiceband | \$16.77 | |
| - DS1 | \$7.89 | |
| CenturyTel of Missouri, LLC | | |
| - Voiceband | \$17.77 | |
| - DS1 | \$11.81 | |
| (J) <u>Entrance Facility-Voiceband</u> | | |
| <u>Per Entrance Facility</u> | | |
| <u>2-Wire Voiceband</u> | | |
| CenturyTel of Central Missouri | \$28.85 | \$150.00 |
| CenturyTel of Missouri, LLC | \$19.01 | \$150.00 |
| <u>4-Wire Voiceband</u> | | |
| CenturyTel of Central Missouri | \$43.35 | \$150.00 |
| CenturyTel of Missouri, LLC | \$22.81 | \$150.00 |

(N)

ISSUED: May 1, 2012

EFFECTIVE: July 3, 2012

Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

CANCELLED
January 1, 2016
Missouri Public
Service Commission
JI-2016-0139

FILED
Missouri Public
Service Commission
TT-2012-0317; YI-2012-0633

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport (Cont'd)

| | <u>Monthly Rate</u> | <u>Service Installation Charge</u> | |
|--|---------------------|--|-----|
| (L) <u>Entrance Facility-DS1</u> Per Entrance Facility | | | (T) |
| CenturyTel of Central Missouri | \$300.00 | \$450.50 | |
| CenturyTel of Missouri, LLC | \$190.66 | \$450.00 | |
| (M) <u>Entrance Facility-DS3</u> Per Entrance Facility | | | (T) |
| Electrical Interface | | | |
| CenturyTel of Central Missouri | \$1,500.00 | \$1,000.00 | |
| CenturyTel of Missouri, LLC | \$2,555.00 | \$1,000.00 | |
| <u>Optical Interface</u> | | | |
| CenturyTel of Central Missouri | \$1,125.00 | \$750.00 | |
| CenturyTel of Missouri, LLC | N/A | N/A | |
| (N) <u>Multiplexing</u> | | | (T) |
| <u>DS1 to Voice</u> | | | |
| CenturyTel of Central Missouri | \$139.30 | \$800.00 | |
| CenturyTel of Missouri, LLC | \$200.09 | \$800.00 | |
| <u>DS3 to DS1</u> | | | |
| CenturyTel of Central Missouri | \$286.10 | \$400.00 | |
| CenturyTel of Missouri, LLC | \$370.06 | \$400.00 | |

CANCELLED - Missouri Public Service Commission - 12/9/2024 - JI-2024-0068

Issued: May 14, 2021

Effective: July 1, 2021

Chantel Bosworth
Director Government Operations
Monroe, Louisiana

MO2021-06

FILED
Missouri Public
Service Commission
JI-2021-0198

FACILITIES FOR INTRASTATE ACCESS

(N)

- 4. SWITCHED ACCESS (Cont'd)
- 4.6 Rates and Charges (Cont'd)
- 4.6.2 Switched Transport (Cont'd)

| | <u>Monthly Rate</u> | <u>Service Installation Charge</u> |
|---|---------------------|------------------------------------|
| (K) <u>Entrance Facility-DS1</u> Per Entrance Facility | | |
| CenturyTel of Central Missouri | \$300.00 | \$450.50 |
| CenturyTel of Missouri, LLC | \$190.66 | \$450.00 |
| (L) <u>Entrance Facility-DS3</u> Per Entrance Facility | | |
| <u>Electrical Interface</u> | | |
| CenturyTel of Central Missouri | \$1,500.00 | \$1,000.00 |
| CenturyTel of Missouri, LLC | \$2,555.00 | \$1,000.00 |
| <u>Optical Interface</u> | | |
| CenturyTel of Central Missouri | \$1,125.00 | \$750.00 |
| CenturyTel of Missouri, LLC | N/A | N/A |
| (M) <u>Multiplexing</u> | | |
| <u>DS1 to Voice</u> | | |
| CenturyTel of Central Missouri | \$139.30 | \$800.00 |
| CenturyTel of Missouri, LLC | \$200.09 | \$800.00 |
| <u>DS3 to DS1</u> | | |
| CenturyTel of Central Missouri | \$286.10 | \$400.00 |
| CenturyTel of Missouri, LLC | \$370.06 | \$400.00 |

(N)

ISSUED: May 1, 2012

Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

EFFECTIVE: July 3, 2012

CANCELLED
July 1, 2021
Missouri Public
Service Commission
JI-2021-0198

FILED
Missouri Public
Service Commission
TT-2012-0317; YI-2012-0633