

LEVEL 3 COMMUNICATIONS, LLC

KENTUCKY P.S.C. Tariff No. 3  
REVISED TITLE PAGE  
REPLACES ORIGINAL TITLE PAGE

TARIFF SCHEDULE APPLICABLE TO  
SWITCHED ACCESS SERVICES  
WITHIN THE STATE OF KENTUCKY  
BY  
LEVEL 3 COMMUNICATIONS, LLC

Issued by:

Thomas C. Stortz  
Group Vice President and General Counsel  
Level 3 Communications, LLC  
1025 Eldorado Boulevard  
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Issued: July 6, 2001

Effective: August 5, 2001

Issued By: Thomas C. Stortz, Group Vice President and General Counsel  
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Broomfield, Colorado 80021

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SWITCHED ACCESS SERVICESCHECK SHEET

Current pages in this tariff are as follows:

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
1*	8th Revised	29	1st Revised	56	6th Revised
2	1st Revised	30	1st Revised	57	5th Revised
3	1st Revised	31	1st Revised	57.1*	Original
3.1*	Original	32	1st Revised	58	2nd Revised
4	1st Revised	33	1st Revised	59*	Original
5	1st Revised	34	1st Revised	60*	Original
6*	2nd Revised	35	1st Revised	61*	Original
7*	2nd Revised	36	1st Revised	62*	Original
8	1st Revised	37	1st Revised		
9	1st Revised	38	1st Revised		
10	1st Revised	39	1st Revised		
11	1st Revised	40	1st Revised		
12	1st Revised	41	1st Revised		
13	1st Revised	42	1st Revised		
14	1st Revised	43	1st Revised		
15	1st Revised	44*	2nd Revised		
16	1st Revised	45	1st Revised		
17	1st Revised	46	1st Revised		
18*	2nd Revised	47*	2nd Revised		
19	1st Revised	48	1st Revised		
20	1st Revised	49*	2nd Revised		
21	1st Revised	50*	2nd Revised		
22	1st Revised	51*	2nd Revised		
23	1st Revised	51.1*	Original		
24	1st Revised	51.2*	Original		
25	1st Revised	52*	2nd Revised		
26	1st Revised	53*	2nd Revised		
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SWITCHED ACCESS SERVICES

TABLE OF CONTENTS

**DESCRIPTION** **PAGE NUMBER**

Title Page .....	Title Page
Check Sheet .....	1
Table of Contents .....	2
Explanation of Symbols .....	4
Application of Tariff .....	5

**SECTION**

SECTION 1 - DEFINITION OF TERMS .....	7
SECTION 2 - UNDERTAKING OF THE COMPANY .....	9
2.1 <u>General</u> .....	9
2.2 <u>Description of Service</u> .....	9
2.3 <u>Application for Service</u> .....	9
2.4 <u>Shortage of Equipment or Facilities</u> .....	9
2.5 <u>Terms and Conditions</u> .....	10
2.6 <u>Liability of the Company</u> .....	10
2.7 <u>Notification of Service-Affecting Activities</u> .....	12
2.8 <u>Provision of Equipment and Facilities</u> .....	12
2.9 <u>Nonroutine Installation</u> .....	14
2.10 <u>Ownership of Facilities</u> .....	14
2.11 <u>Optional Rates and Information Provided to the Public</u> .....	14
2.12 <u>Continuity of Service</u> .....	14
2.13 <u>Governmental Authorizations</u> .....	15
SECTION 3 - OBLIGATIONS OF THE CUSTOMER .....	16
3.1 <u>General</u> .....	16
3.2 <u>Prohibited Uses</u> .....	17
3.3 <u>Claims</u> .....	18
3.4 <u>Jurisdictional Reporting</u> .....	18
SECTION 4 - PAYMENT ARRANGEMENTS .....	21
4.1 <u>Payment for Service</u> .....	21
4.2 <u>Billing and Collection of Charges</u> .....	21
4.3 <u>Advance Payments</u> .....	23
4.4 <u>Deposits</u> .....	23
4.5 <u>Discontinuance of Service</u> .....	25
4.6 <u>Cancellation of Application for Service</u> .....	26
4.7 <u>Changes in Service Requested</u> .....	27
4.8 <u>Taxes</u> .....	27
4.9 <u>Disputed Bills</u> .....	27

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Issued By: Thomas C. Stortz, Group Vice President and General Counsel  
Level 3 Communications, LLC  
1025 Eldorado Boulevard  
Broomfield, Colorado 80021

\_\_\_\_\_  
Signature

SWITCHED ACCESS SERVICES

SECTION 5 - USE OF CUSTOMER'S SERVICE BY OTHERS ..... 28

    5.1 Resale and Sharing..... 28

    5.2 Joint Use Arrangements..... 28

    5.3 Transfers and Assignments..... 28

SECTION 6 - CANCELLATION OF SERVICE ..... 29

SECTION 7 - NOTICES AND COMMUNICATIONS ..... 30

SECTION 8 - CUSTOMER EQUIPMENT AND CHANNELS ..... 31

    8.1 General..... 31

    8.2 Station Equipment..... 31

    8.3 Interconnection of Facilities..... 31

    8.4 Tests and Adjustments ..... 32

    8.5 Inspections ..... 32

SECTION 9 - ALLOWANCES FOR INTERRUPTIONS IN SERVICE ..... 33

    9.1 General..... 33

    9.2 No credit allowance will be made for: ..... 34

SECTION 10 - APPLICATION OF RATES ..... 35

    10.1 Distance-Based Charges ..... 35

SECTION 11 - SPECIAL CONSTRUCTION AND SPECIAL ARRANGEMENTS ..... 36

    11.1 Special Construction ..... 36

    11.2 Basis for Charges ..... 36

    11.3 Basis for Cost Computation ..... 36

    11.4 Termination Liability ..... 37

SECTION 12 – ORDERING OPTIONS FOR SWITCHED ACCESS SERVICE ..... 39

    12.1 General..... 39

    12.2 Access Order..... 40

SECTION 13 – CARRIER COMMON LINE SERVICE ..... 45

    13.1 General Description ..... **Error! Bookmark not defined.**

    13.2 Limitations ..... **Error! Bookmark not defined.**

    13.3 Undertaking of the Company ..... **Error! Bookmark not defined.**

    13.4 Obligations of the Customer ..... 46

    13.5 Determination of Usage Subject to Carrier Common Line Access Charges ..... 46

    13.6 Measuring and Recording of Call Detail ..... 46

    13.7 Billing of Charges..... 47

    13.8 Determination of Charges..... 47

SECTION 14 - SWITCHED ACCESS SERVICE ..... 49

    14.1 General..... 49

    14.2 Provision and Description of Switched Access Service Agreements ..... 49

    14.3 Obligations of Company..... **Error! Bookmark not defined.**

    14.4 Obligations of the Customer ..... **Error! Bookmark not defined.**

SECTION 15 – RATES AND CHARGES ..... **Error! Bookmark not defined.**

    15.1 Rates for Switched Access Services ..... **Error! Bookmark not defined.**

    15.2 Non-routine Installation/Maintenance Charges ..... 58

    15.3 Individual Case Basis Arrangements ..... 58

Issued: July 6, 2001

Effective: August 5, 2001

Issued By: Thomas C. Stortz, Group Vice President and General Counsel  
 Level 3 Communications, LLC  
 1025 Eldorado Boulevard  
 Broomfield, Colorado 80021

\_\_\_\_\_  
 Signature

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SWITCHED ACCESS SERVICES  
TABLE OF CONTENTS (cont'd)

---

<u>DESCRIPTION</u>	<u>PAGE NUMBER</u>
SECTION 16 – CALL FLOW DIAGRAMS.....	
<u>Originating Access Service</u> .....	59
<u>Toll Free Inter-Exchange Delivery Service</u> .....	61

Issued: December 17, 2007

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SWITCHED ACCESS SERVICES

EXPLANATION OF SYMBOLS

The following symbols shall be used in this Tariff for the purposes indicated below.

- (C) To signify changed listing, rule, or condition which may affect rates or charges.
- (D) To signify discontinued material, including listing, rate, rule or condition.
- (I) To signify an increase.
- (L) To signify material relocated from or to another part of Tariff schedule with no change in text, rate, rules or conditions.
- (N) To signify new materials including listing, rate, rule or condition.
- (R) To signify reduction.
- (T) To signify change in wording of text but not change in rate, rule or condition.

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SWITCHED ACCESS SERVICES

APPLICATION OF TARIFF

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This Tariff contains the regulations and rates applicable to intrastate switched access services provided by Company within the State of Kentucky. Company's services are furnished subject to the availability of facilities and subject to the terms and conditions of this tariff.

The rates and regulations contained in this tariff apply only to the services furnished by Company and do not apply, unless otherwise specified, to the lines, facilities, or services provided by a local exchange telephone company or other common carrier for use in accessing the services of Company.

The Customer is entitled to limit the use of Company's services by end users at the Customer's facilities, and may use other common carriers in addition to or in lieu of Company.

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SWITCHED ACCESS SERVICES

**SECTION 1 - DEFINITION OF TERMS**

Certain terms used generally throughout this tariff for Communications Service of this Company are defined below.

Advance Payment: Part or all of a payment required before the start of service.

Authorized User: A person, firm or corporation which is authorized by the Customer or Joint User to be connected to the service of the Customer or Joint User, respectively.

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

Commission: Kentucky Public Service Commission.

Company: Level 3 Communications, LLC, the issuer of this tariff.

Customer: The person, firm or corporation which purchases service and is responsible for the payment of charges and compliance with the Company's regulations.

Dedicated: A facility or equipment system or subsystem set aside for the sole use of a specific Customer.

End Office: The term "end office" denotes the switching system office or serving wire center where Customer station loops are terminated for purposes of interconnection to each other and/or to trunks.

End User: A non-carrier customer of an intrastate telecommunications service. If a carrier uses telecommunications service for administrative purposes, it shall be deemed to be an End User.

(N)  
(N)

Individual Case Basis (ICB): A service arrangement in which the regulations, rates and charges are developed based on the specific circumstances of the case.

Interconnect Carrier: Any carrier that connects to Company's network for exchange of communications traffic.

Joint User: A person, firm or corporation which is designated by the Customer as a user of services furnished to the Customer by the Company and to whom a portion of the charges for the service will be billed under a Joint User arrangement as specified in the Company's tariff.

LATA: A Local Access and Transport Area established pursuant to the Modification of Final Judgement entered by the United States District Court for the District of Columbia in Civil Action No. 82-0192; or any other geographic area designated as a LATA in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

Major Service Interruption: An interruption of Customer service due to the Company's negligence or due to its noncompliance with the provisions of this tariff.

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SWITCHED ACCESS SERVICES

**SECTION 1 - DEFINITION OF TERMS (CONT'D)**

PIU: Percent Interstate Usage

Premises: The space occupied by a Customer, Authorized User or Joint User in a building or buildings or contiguous property (except railroad rights-of-way, etc.) not separated by a highway.

Recurring Charges: The monthly charges to the Customer for services, facilities and equipment, which continue for the duration of the service.

Service Commencement Date: The first day following the date on which the Company notifies the Customer that the requested service or facility is available for use, unless extended by the Customer's refusal to accept service which does not conform to standards set forth in the Service Order or the tariffs of the Company, in which case the Service Commencement Date is the date of the Customer's acceptance. The Company and Customer may mutually agree on a substitute Service Commencement Date. In the case of Tandem Connect service ordered under option (2) of Section 12.1.1.2, the Service Commencement Date is the date on which the Customer first sends Switched Access Service traffic to the Company or accepts Switched Access Service traffic from the Company.

Service Order: A written request for Company Services that may be submitted by the Customer in the format devised by the Company. The signing of a Service Order by the Customer and acceptance by the Company will initiate the respective obligations of the parties as set forth herein, but the duration of the service is calculated from the Service Commencement Date.

Shared: A facility or equipment system or subsystem that can be used simultaneously by several Customers.

Switched Access Service: Access to the switched network of an Exchange Carrier for the purpose of originating or terminating communications. Switched Access service includes Local Switching, Local Transport, and Carrier Common Line.

Toll Free: The terms "Toll Free" or "Toll Free Service" refer to an inbound telecommunications service which permits calls to be completed to the customer's location without charge to the calling party. Access to the service is gained by dialing a ten-digit telephone number which terminates at the customer's location or a location designated by that customer. Toll Free Services typically originate via normal shared use facilities and are terminated via the customer's local exchange service access line.

Transmission: The sending of electrical or optical signals over a line to a destination.

User: A Customer, Joint User, or any other person authorized by a Customer to use service provided to the Customer under a Level 3 Communications, LLC tariff.

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(N)

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SWITCHED ACCESS SERVICES

**SECTION 2 - UNDERTAKING OF THE COMPANY**

2.1 General

2.1.1 The Company does not undertake to transmit messages but offers the use of its facilities for the transmission of communications.

2.1.2 Customers and Users may use services and facilities provided under the tariffs of the Company to obtain access to services offered by other companies. The Company is responsible for the services and facilities provided under its tariffs, and for its unregulated services provided pursuant to contract, and it assumes no responsibility for any service (whether regulated or not) provided by any other entity that purchases access to the Company network in order to originate or terminate such entity's own services, or to communicate with such entity's own customers.

2.1.3 The Company shall have no responsibility with respect to billings, charges or disputes related to services used by the Customer which are not included in the services herein including, without limitation, any local, regional or long distance services not offered by the Company. The Customer shall be fully responsible for the payment of any bills for such services and for the resolution of any disputes or discrepancies with the service provider.

2.2 Description of Service

Level 3 Communications, LLC Service consists of any of the business services offered pursuant to this tariff, either individually or in combination. Each business service is offered independent of the others, unless otherwise noted. Service is offered via the Company's facilities or in combination with transmission facilities provided by other certificated carriers.

2.3 Application for Service

Unless otherwise specified herein, Customers desiring to obtain Level 3 Communications, LLC Service must complete the Company's standard service order form(s).

2.4 Shortage of Equipment or Facilities

2.4.1 The Company reserves the right to limit or to allocate the use of existing facilities, or of additional facilities offered by the Company, when necessary because of lack of facilities, or due to some other cause beyond the Company's control, on a nondiscriminatory basis.

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SWITCHED ACCESS SERVICESSECTION 2 - UNDERTAKING OF THE COMPANY (CONT'D)

2.4.2 The furnishing of service under the tariffs of the Company is subject to the availability on a continuing basis of all the necessary facilities and is limited to the reasonable capacity of the Company's facilities as well as facilities the Company may obtain from other carriers to furnish service from time to time as required at the sole discretion of the Company.

2.5 Terms and Conditions

2.5.1 Service shall be provided on the basis of a minimum period of at least one (1) year.

2.5.2 Customers may be required to enter into written service orders which shall contain or reference a specific description of the service ordered, the rates to be charged, the duration of the services, and the terms and conditions in the tariffs of the Company. Customer will also be required to execute any other documents as may be reasonably requested by the Company.

2.5.3 At the expiration of the initial term specified in each Service Order, or in any extension thereof, service shall continue on a month to month basis at the then current rates unless terminated by either party. Any termination shall not relieve Customer of its obligation to pay any charges incurred under the service order and the tariffs of the Company prior to termination. The rights and obligations which by their nature extend beyond the termination of the term of the service order shall survive such termination.

2.5.4 In any action between the parties to enforce any provision of the tariffs of the Company, the prevailing party shall be entitled to recover its legal fees and court costs from the non-prevailing party in addition to other relief a court may award.

2.5.5 The tariffs of the Company shall be interpreted and governed by the laws of the State of Kentucky without regard for its choice of laws provision.

2.6 Liability of the Company

2.6.1 The liability of the Company for damages arising out of the furnishing of its Services, including but not limited to mistakes, omissions, interruptions, delays, or errors, or other defects, representations, or use of these services or arising out of the failure to furnish the service, whether caused by acts or omissions, shall be limited to the extension of allowances for interruption as set forth in Section 9.0, following. The extension of such allowances for interruption shall be the sole remedy of the Customer and the sole liability of the Company. The Company will not be liable for any direct, indirect, incidental, special, consequential, exemplary or punitive damages to Customer or User as a result of any Company service, equipment or facilities, or the acts or omissions or negligence of the Company, Company's employees or agents.

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**SWITCHED ACCESS SERVICES**

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**SECTION 2 - UNDERTAKING OF THE COMPANY (CONT'D)**

- 2.6.2 The Company shall not be liable for any delay or failure of performance or equipment due to causes beyond its control, including but not limited to: acts of God, fire, flood, explosion or other catastrophes; any law, order, regulation, direction, action, or request of the United States Government, or of any other government, including state and local governments having or claiming jurisdiction over the Company, or of any department, agency, commission, bureau, corporation, or other instrumentality of any one or more of these federal, state, or local governments, or of any civil or military authority, national emergencies, insurrections, riots, wars, unavailability of rights-of-way or materials, or strikes, lockouts, work stoppages, or other labor difficulties.
- 2.6.3 The Company shall not be liable for any act or omission of any entity furnishing to the Company or to the Company's Customers or Users facilities or equipment used for or with the services the Company offers.
- 2.6.4 The Company shall not be liable for any damages or losses due to the fault or negligence of the Customer or User or due to the failure or malfunction of Customer or User-provided equipment or facilities.
- 2.6.5 The Company does not guarantee nor make any warranty with respect to installations it provides for use in an explosive atmosphere. The Customer shall indemnify and hold the Company harmless from any and all loss, claims, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted, or asserted by any other party or person(s), and for any loss, damage, or destruction of any property, whether owned by the Customer or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal presence, condition, location, or use of any installation so provided.
- 2.6.6 The Company reserves the right to require each Customer to sign an agreement acknowledging acceptance of the provisions of this paragraph as a condition precedent to such installations.
- 2.6.7 The Company is not liable for any defacement of or damage to Customer or User premises resulting from the furnishing of services or equipment on such premises or the installation or removal thereof, unless such defacement or damage is caused by negligence or willful misconduct of the Company's agents or employees.
- 2.6.8 The entire liability for any claim, loss, damage or expense from any cause whatsoever shall in no event exceed sums actually paid the Company by Customer for the specific services giving rise to the claim. No action or proceeding against the Company shall be commenced more than one year after the service is rendered, or as required by Kentucky Law.

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SWITCHED ACCESS SERVICESSECTION 2 - UNDERTAKING OF THE COMPANY (CONT'D)

- 2.6.9 The Company shall not be liable for any damages or losses due to the fault or negligence of the Customer or due to the failure or malfunction of Customer provided equipment or facilities.
- 2.6.10 The Company shall not be liable for any damages resulting from delays in meeting any service dates due to delays resulting from normal construction procedures. Such delays shall include, but not be limited to, delays in obtaining necessary regulatory approvals for construction, delays in obtaining right-of-way approvals and delays in actual construction work.
- 2.6.11 The Company shall not be liable for any damages whatsoever to property resulting from the installation, maintenance, repair or removal of equipment and associated wiring unless the damage is caused by the Company's willful misconduct or negligence.
- 2.6.12 **THE COMPANY MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, EXCEPT THOSE EXPRESSLY SET FORTH IN ITS TARIFFS.**
- 2.6.13 The Company shall not be liable for any damages whatsoever associated with service, facilities, or equipment which the Company does not furnish or for any act or omission of Customer or any other entity furnishing services, facilities or equipment used for or in conjunction with Level 3 Communications, LLC.
- 2.7 Notification of Service-Affecting Activities
- To the extent possible, the Company will provide the Customer reasonable notification of service-affecting activities that may occur in normal operation of its business. Such activities may include, but are not limited to, equipment or facilities additions, removals or rearrangements and routine preventative maintenance. Generally, such activities are not specific to an individual Customer but affect many Customers' services. No specific advance notification period is applicable to all service activities. The Company will work cooperatively with the Customer to determine the reasonable notification requirements. With some emergency or unplanned service-affecting conditions, such as an outage resulting from cable damage, notification to the Customer may not be possible.
- 2.8 Provision of Equipment and Facilities
- 2.8.1 All services along the facilities between the point identified as the Company's origination point and the point identified as the Company's termination point will be furnished by the Company, its agents or contractors.

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**SWITCHED ACCESS SERVICES**

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**SECTION 2 - UNDERTAKING OF THE COMPANY (CONT'D)**

- 2.8.2 The Company may undertake to use reasonable efforts to make available services to a Customer on or before a particular date, subject to the provisions of and compliance by the Customer with, the regulations contained in this tariff.
- 2.8.3 The Company undertakes to use reasonable efforts to maintain only the facilities and equipment that it furnishes to the Customer. The Customer, Joint User, or Authorized User may not, nor may they permit others to, rearrange, disconnect, remove, attempt to repair, or otherwise tamper with any of the facilities or equipment installed by the Company, except upon the written consent of the Company.
- 2.8.4 Equipment the Company provides or installs at the Customer's premises for use in connection with the services the Company offers shall not be used for any purpose other than that for which the Company provided the equipment.
- 2.8.5 The Customer shall be responsible for the payment of service charges as set forth herein for visits by the Company's agents or employees to the premises of the Customer, Joint User, or Authorized User when the service difficulty or trouble report results from the use of equipment or facilities the Customer, Joint User, or Authorized User provided.
- 2.8.6 The Company shall not be responsible for the installation, operation, or maintenance of any Customer provided communications equipment. Where such equipment is connected to the facilities furnished pursuant to this tariff, the responsibility of the Company shall be limited to the furnishing of facilities offered under this tariff and to the maintenance and operation of such facilities; subject to this responsibility the Company shall not be responsible for:
- 2.8.6.1 The transmission of signals by Customer provided equipment or for the quality of, or defects in, such transmission; or
- 2.8.6.2 The reception of signals by Customer provided equipment. The Customer, Authorized User, or Joint User is responsible for ensuring that Customer provided equipment connected to Company equipment and facilities is compatible with such Company equipment and facilities. The magnitude and character of the voltages and currents impressed on Company provided equipment and wiring by the connection, operation, or maintenance of such equipment and wiring shall be such as not to cause damage to the Company provided equipment and wiring or injury to the Company's employees or to other persons. Customer will submit to Company a complete manufacturer's specification sheet for each item of equipment that is not provided by the Company and which shall be attached to the Company's facilities. The Company shall approve the use of such item(s) of equipment unless such item is technically incompatible with Company's facilities. Any additional protective, equipment

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SWITCHED ACCESS SERVICES**SECTION 2 - UNDERTAKING OF THE COMPANY (CONT'D)**

required to prevent such damage or injury shall be provided by the Company at the Customer's expense.

2.8.7 Any special interface equipment necessary to achieve compatibility between the facilities and equipment of the Company used for furnishing Level 3 Communications, LLC services and the channels, facilities, or equipment of others shall be provided at the Customer's expense.

2.8.8 Level 3 Communications, LLC may be connected to the services or facilities of other communications carriers only when authorized by, and in accordance with, the terms and conditions of the tariffs of the other communications carrier which are applicable to such connections.

2.9 Nonroutine Installation

At the Customer's request, installation and/or maintenance may be performed outside the Company's regular business hours and/or in hazardous locations. In such cases, charges based on cost of the actual labor, material, or other costs incurred by or charged to the Company will apply. If installation is started during regular business hours but, at the Customer's request, extends beyond regular business hours into time periods including, but not limited to, weekends, holidays, and/or night hours, additional charges may apply.

2.10 Ownership of Facilities

Title to all facilities provided in accordance with the tariffs of the Company remains with the Company, its agents or contractors. The Customer shall not have, nor shall it assert, any right, title or interest in all the fiber optic or other facilities and associated equipment provided by the Company hereunder.

2.11 Optional Rates and Information Provided to the Public

The Company will promptly advise Customers who may be affected of new, revised or optional rates applicable to their service. Pertinent information regarding the Company's services, rates and charges shall be provided directly to Customers, or shall be available for inspection at the Company's local business address. If required by the Commission, the Company will cause to have published a notice of its intention to charge its rates, tolls, charges, rules and regulations in one or more newspapers in circulation in the affected area.

2.12 Continuity of Service

In the event of prior knowledge of an interruption of service for a period exceeding one day, the Customers will, if feasible, be notified in writing, by mail, at least one week in advance.

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SWITCHED ACCESS SERVICES

**SECTION 2 - UNDERTAKING OF THE COMPANY (CONT'D)**

2.13 Governmental Authorizations

The provision of services is subject to and contingent upon the Company obtaining and retaining such approvals, consents, governmental authorizations, licenses and permits, as may be required or be deemed necessary by the Company. The Company shall use reasonable efforts to obtain and keep in effect all such approvals, consents, authorizations, licenses and permits that may be required to be obtained by it. The Company shall be entitled to take, and shall have no liability whatsoever for, any action necessary to bring the Services into conformance with any rules, regulations, orders, decisions, or directives imposed by the Federal Communications Commission or other applicable agency, and the Customer shall fully cooperate in and take such action as may be requested by the Company to comply with any such rules, regulations, orders, decisions, or directives.

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**SWITCHED ACCESS SERVICES**

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**SECTION 3 - OBLIGATIONS OF THE CUSTOMER**3.1 General

The Customer shall be responsible for:

- 3.1.1 the payment of all applicable charges pursuant to the tariffs of the Company;
- 3.1.2 damage to or loss of the Company's facilities or equipment caused by the acts or omissions of the Customer or of any User; or by the noncompliance by the Customer or any User with these regulations; or by fire or theft or other casualty on the Customer's or any User's Premises, unless caused by the negligence or willful misconduct of the employees or agents of the Company;
- 3.1.3 providing at no charge, as specified from time to time by the Company, any needed personnel, equipment space and power to operate the Company facilities and equipment installed on the premises of the Customer or any User; and the level of heating and air conditioning necessary to maintain the proper operating environment on such premises;
- 3.1.4 any and all costs associated with obtaining and maintaining of the rights-of-way from the point of entry at the Customer's location to the termination point where service is finally delivered to the Customer, including, but not limited to, the costs of installing conduit or of altering the structure to permit installation of Company provided facilities. The Customer's use of such rights-of-way shall in all respects be subject to the terms, conditions and restrictions of such rights-of-way and of agreements between the Company and such third parties relating thereto, including without limitation, the duration applicable to and the condemnation of such rights-of-way, and shall not be in violation of any applicable governmental ordinance, law, rule, regulation or restriction. Where applicable, the Customer agrees that it shall assist the Company in the procurement and maintenance of such right-of-way. The Company may require the Customer to demonstrate its compliance with this section prior to accepting an order for service;
- 3.1.5 providing a safe place to work and complying with all laws and regulations regarding the working conditions on the premises at which the Company's employees and agents shall be installing or maintaining the Company's facilities and equipment. The Customer may be required to install and maintain the Company's facilities and equipment within a hazardous area if, in the Company's opinion, injury or damage to the Company's employees or property might result from installation or maintenance by the Company;
- 3.1.6 the Customer shall be responsible for identifying, monitoring, removing and disposing of any hazardous material (e.g. friable asbestos) prior to any construction or installation work;

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SWITCHED ACCESS SERVICESSECTION 3 - OBLIGATIONS OF THE CUSTOMER (CONT'D)

- 3.1.7 complying with all laws and regulations applicable to, and obtaining all consents, approvals, licenses and permits as may be required with respect to, the location of the Company's facilities and equipment in any Customer or User premises or the rights-of-way for which Customer is responsible under section 3.1.4; and granting or obtaining permission for the Company's agents or employees to enter the premises of the Customer or any User at any time for the purpose of installing, inspecting, maintaining, repairing, or upon termination of service as stated herein, removing the facilities or equipment of the Company;
- 3.1.8 not creating or allowing to be placed any liens or other encumbrances on the Company's equipment or facilities; and
- 3.1.9 making the Company's facilities and equipment available periodically for maintenance purposes at a time agreeable to both the Company and the Customer. No allowance will be made for the period during which service is interrupted for such purposes.

3.2 Prohibited Uses

- 3.2.1 The services the Company offers shall not be used for any unlawful purpose or for any use as to which the Customer has not obtained all governmental approvals, authorizations, licenses, consents and permits required to be obtained by the Customer with respect thereto.
- 3.2.2 The Company may require applicants for service who intend to use the Company's offerings for resale and/or for shared use to file a letter with the Company confirming that their use of the Company's offerings complies with relevant laws and Commission regulations, policies, orders, and decisions.
- 3.2.3 The Company may, without obtaining any further consent from the Customer, assign any rights, privileges, or obligations under this tariff. The Customer shall not, without prior written consent of the Company, assign, transfer, or in any other manner dispose of, any of its rights, privileges, or obligations under this tariff, and any attempt to make such an assignment, transfer, disposition without such consent shall be null and void.
- 3.2.4 The Company may require a Customer to immediately shut down its transmission of signals if said transmission is causing interference to others.
- 3.2.5 A Customer may not use the services so as to interfere with or impair service over any facilities and associated equipment, or so as to impair the privacy of any communications over such facilities and associated equipment.

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SWITCHED ACCESS SERVICESSECTION 3 - OBLIGATIONS OF THE CUSTOMER (CONT'D)

3.2.6 Customer use of any resold service obtained from other service providers shall also be subject to any applicable restrictions imposed by the underlying providers.

3.2.7 A Customer, Joint User, or Authorized User shall not represent that its services are provided by the Company, or otherwise indicate to its customers that its provision of services is jointly with the Company, without the written consent of the Company. The relationship between the Company and Customer shall not be that of partners or agents for one or the other, and shall not be deemed to constitute a partnership or agency agreement.

3.3 Claims

With respect to any service or facility provided by the Company, Customer shall indemnify, defend and hold harmless the Company from and against all claims, actions, damages, liabilities, costs and expenses, including reasonable attorneys' fees for:

3.3.1 any loss, destruction or damage to property of the Company or any third party, or the death or injury to persons, including, but not limited to, employees or invitees of either party, to the extent caused by or resulting from the negligent or intentional act or omission of the Customer or User or their employees, agents, representatives or invitees;

3.3.2 any claim, loss, damage, expense or liability for infringement of any copyright, patent, trade secret, or any proprietary or intellectual property right of any third party, arising from any act or omission by the Customer or User, including, without limitation, use of the Company's services and facilities in a manner not contemplated by the agreement between Customer and the Company; or

3.3.3 any claim of any nature whatsoever brought by a User with respect to any matter for which the Company would not be directly liable to the Customer under the terms of the applicable Company tariff.

3.4 Jurisdictional Reporting

The jurisdictional reporting requirements will be as specified below. When a Customer orders Switched Access Service, its projected Percent Interstate Usage (PIU) must be provided in whole numbers to the Company. These whole number percentages will be used by the Company to apportion the use and/or charges between interstate and intrastate until a revised report is received as set forth herein.

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SWITCHED ACCESS SERVICES

**SECTION 3 – OBLIGATIONS OF THE CUSTOMER (CONT'D)**

3.4.1 Originating Access: Originating access minutes may be based on traffic originating at the State, LATA or local Switching Center level, provided that the traffic being measured is only traffic originating from the Company Local Switching Center(s). The Customer must provide the Company with a projected PIU factor on a quarterly basis as specified below. Originating access minutes will be measured as follows, based on type of access:

3.4.1.1 For Feature group D Switched Access Services, as defined in Section 14.2.1, where the Company can determine jurisdiction by its call detail, the projected PIU will be developed by the Company on a quarterly basis by dividing the measured interstate originating minutes by the total measured originating access minutes. (T)

3.4.1.2 For Feature Group D with 950 Access as defined in Section 14.2.1, the Customer must provide the Company with a projected PIU factor by supplying the Company with an interstate percentage of originating access minutes.

3.4.1.3 For 500, 700, Toll Free 8YY, calling card and operator service access, the Customer must provide the Company with a projected PIU factor for each type of access. The Customer who provides a PIU factor shall supply the Company with an interstate percentage of originating access minutes. The PIU factor will be used to determine the jurisdiction for billing purposes of 500, 700, Toll Free 8YY, calling card and operator service access. Originating Access charges will not apply to a toll free call that utilizes Toll Free Inter-Exchange Delivery Service as described in Section 14.2.9(B). (T)  
(N)  
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(N)

3.4.1.4 If no PIU for originating minutes is submitted as specified herein, then the projected PIU will be set on a default basis of 50 percent interstate traffic and 50 percent intrastate traffic.

3.4.2 Terminating Access: For Feature Group D Switched Access Services, the Customer must provide the Company with a projected PIU factor by supplying the Company with an interstate percentage of terminating access minutes on a quarterly basis, as described in Section 3.4.4 below. If no projected PIU factor is submitted by the Customer, then the projected PIU will be set on a default basis at the same percentage as the originating PIU.

3.4.3 Except where the Company measured access minutes are used as set forth in 3.4.1 above, the Customer reported projected PIU factor as set forth above will be used until the Customer reports a different projected PIU factor, as set forth below. The revised report will serve as the basis for future billing and will be effective on the next bill date.

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SWITCHED ACCESS SERVICES

**SECTION 3 – OBLIGATIONS OF THE CUSTOMER (CONT'D)**

3.4.4 Effective on the first day of January, April, July and October of each year the Customer shall update its interstate and intrastate jurisdictional report. The Customer shall forward to the Company, to be received no later than 15 days after the first day of such month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate use, based solely on the traffic originating from or terminating to the Company Local Switching Center. The revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. If the Customer does not supply the reports for those services where reports are needed, the Company will assume the percentage to be the same as that provided previously. For those cases in which a quarterly report has never been received from the Customer, the Company will assume the percentages to be the same as those provided in the Access Service Request or, in the absence of an Access Service Request PIU, the Company will set the projected PIU on a default basis of 50 percent interstate traffic and 50 percent intrastate traffic.

3.4.5 Jurisdictional Reports Verification: For Switched Access Service, if a billing dispute arises or a regulatory commission questions the projected PIU factor, the Customer will provide the data used to determine the projected PIU factor. The Customer will supply the data within 30 days of the Company request.

The Customer shall keep records of call detail from which the percentage a interstate and intrastate use can be ascertained and, upon request of the Company, shall make the records available for inspection as reasonably necessary for purposes of verification of the percentages. The Company reserves the right to conduct an audit at any time during the year. The Customer, at its own expense, has the right to retain an independent auditing firm.

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SWITCHED ACCESS SERVICESSECTION 4 - PAYMENT ARRANGEMENTS4.1 Payment for Service

The Customer is responsible for the payment of all charges for facilities and services furnished by the Company to the Customer and to all Users authorized by the Customer, regardless of whether those services are used by the Customer itself or are resold or shared with other persons.

4.2 Billing and Collection of Charges

- 4.2.1 Nonrecurring charges are due and payable within 30 days after the date an invoice is mailed to the Customer by the Company.
- 4.2.2 The Company shall present invoices for Recurring Charges monthly to the Customer, in advance of the month in which service is provided, and Recurring Charges shall be due and payable within 30 days after the invoice is mailed.
- 4.2.3 Charges based on measured usage will be included on the next invoice rendered following the end of the month in which the usage occurs, and will be due and payable within 30 days after the invoice is mailed.
- 4.2.4 When service does not begin on the first day of the month, or end on the last day of the month, the charge for the fraction of the month in which service was furnished will be calculated on a pro rata basis. For this purpose, every month is considered to have 30 days.
- 4.2.5 Billing of the Customer by the Company will begin on the Service Commencement Date. Billing accrues through and includes the day that the service, circuit, arrangement or component is discontinued.
- 4.2.6 With respect to Business Customers only, if any portion of the payment is received by the Company after the date due, or if any portion of the payment is received by the Company in funds which are not immediately available, then a late payment penalty shall be due to the Company. The penalty may be assessed only once on any bill for rendered services. Any payment received shall first be applied to the bill for service rendered. Additional penalty charges will not be assessed on unpaid penalty charges. The late payment penalty shall be the portion of the payment not received by the date due, net of taxes, not compounded, multiplied by a monthly late factor of 1.5%.
- 4.2.7 For any check returned to the Company due to insufficient funds, uncollected funds, or closed account, a \$25.00 fee will be assessed per check returned.

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SWITCHED ACCESS SERVICESSECTION 4 – PAYMENT ARRANGEMENTS (CONT'D)

- 4.2.8 Ordering, Rating and Billing of Access Services where more than one exchange carrier is involved will be handled as follows:

All recurring and non-recurring charges for services provided by each Exchange Carrier are billed under each Company's applicable tariffs. Under a Meet Point Billing arrangement, the Company will bill for charges for traffic earned between the Company Local Switching Center and the End User and for the portion of any transport facilities provided by the Company between the Customer's location and the Company's local switching center.

The multiple billing arrangement described in this section is subject to the provisions of the Multiple Exchange Carrier Access Billing Guidelines (MECAB) and the Multiple Exchange Carrier Ordering and Design Guidelines (MECOD).

The Company will notify the Customer of: 1) the meet point option that will be used; 2) the Carrier(s) that will render the bill(s); 3) the Carrier(s) to whom payment should be remitted; and 4) the Carrier(s) that will provide the bill inquiry function. The Company shall provide such notification at the time orders are placed for Switched Access Service, as defined in Section 12. Additionally, the Company shall provide this notice in writing 15 days in advance of any changes in the arrangement.

The Company will handle the ordering, rating and billing of Switched Access Services under this tariff where more than one Exchange Carrier is involved in the provision of Switched Access Services as follows:

- (1) The Company must receive an order, as defined in Section 12, for Feature Group D (FGD) Switched Access Service, as defined herein, to the Company's Local Switching Center through a switch operated by another Exchange Center.
- (2) In addition, for FGD Switched Access Service to the Company's Local Switching Center through a switch operated by another Exchange Carrier with whom the Company has an agreement, the Customer may be required to submit an order as specified by the Exchange Carrier which operates the switch.
- (3) Separate bills will be rendered by the Exchange Carrier for FGD access service.
- (4) Rating and Billing of Service: Each company will provide its portion of access service based on the regulations, rates and charges contained in its respective Switched Access Service tariff, subject to the following rules, as appropriate:

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SWITCHED ACCESS SERVICES

**SECTION 4 - PAYMENT ARRANGEMENTS (CONT'D)**

- (a) The application of non-distance sensitive rate elements varies according to the rate structure and the location of the facilities involved;
  - (1) when rates and charges are listed on a per minute basis, the Company's rates and charges will apply to traffic originating from the Customer's Premises and terminating at the End User's Premises, and vice versa.

4.3 Advance Payments

- 4.3.1 To safeguard its interests, the Company may require a Business Customer to make an advance payment before services and facilities are furnished. The advance payment will not exceed an amount equal to the nonrecurring charge(s) and the first month's estimated recurring charges for the service or facility. In addition, where special construction is involved, the advance payment may also include an amount equal to the estimated nonrecurring charges for the special construction and recurring charges (if any) for a period to be set between the Company and the Customer. The advance payment will be credited to the Customer's initial bill and may be required in addition to a deposit.
- 4.3.2 A customer whose service has been discontinued for nonpayment of bills will be required to pay the unpaid balance due carrier and may be required to pay reconnect charges.

4.4 Deposits

- 4.4.1 The Company may, in order to safeguard its interests, require an applicant to make a suitable deposit to be held by the Company as a guarantee of the payment of charges.
- 4.4.2 A deposit will be required under the following conditions:
  - 4.4.2.1 Applicant does not have verifiable credit with any Level 3 Communications, LLC affiliate anywhere within the region in the same or similar business; or
  - 4.4.2.2 Applicant has had previous verifiable Service with any Level 3 Communications, LLC affiliate anywhere within the region but has an outstanding and unpaid bill for Service; or has not established satisfactory credit. Satisfactory credit for an Service customer is defined as twelve consecutive months of service without a suspension of service for nonpayment or with no more than one notification of intent to suspend service for nonpayment.

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**SWITCHED ACCESS SERVICES**

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**SECTION 4 - PAYMENT ARRANGEMENTS (CONT'D)**

- 4.4.2.3 Applicant for nonresidential service will be given credit for previous nonresidential service only if the applicant is same business entity to which such service was previously provided.
- 4.4.3 An initial deposit or an additional deposit will be required of an existing customer when high risk is indicated and existing security is insufficient. Such requirement will be imposed when a payment history includes a suspension of service for nonpayment during the previous twelve month period.
- 4.4.4 The Company reserves the right to provide for installment payment of the deposit if the circumstances warrant.
- 4.4.5 Any deposit required of an existing Customer is due and payable within ten days after the requirement is imposed. This requirement shall be in writing and the payment date shall be on or after the due and payable date for the current bill. If said deposit or installment thereof, as appropriate, is not paid within the aforementioned time frame, the Company may suspend service of the Customer without further notice. The following are exceptions to this provision:
- 4.4.5.1 In the event service is suspended for a Customer for nonpayment, an initial or additional deposit shall be required prior to the restoration of service if existing security is insufficient.
- 4.4.5.2 In the event prior indebtedness or prior unsatisfactory credit has been determined subsequent to the initial establishment of service due to misrepresentation of the facts by the Customer, a deposit shall be due and payable within five days upon verbal notification and written confirmation or within ten days when notification can only be provided in writing. The ten day period shall be measured from the mailed date of the written notice. If said deposit is not paid within the aforementioned time frame, the Company may suspend service to the Customer without further notice.
- 4.4.6 The amount of the deposit shall be the estimated charges for the Service which will accrue for a 2-month period. All applicants and existing Customers shall be treated uniformly for the determination and application of deposits.
- 4.4.7 When it is determined that a deposit is required under the conditions specified above, the applicant or Customer may, in lieu of or in addition to making the deposit, arrange for an acceptable third party to guarantee payment of his charges by executing on his behalf a Guarantee of Payment Agreement with the Company. An acceptable third party guarantor for Service is a current non-residential customer with at least two years continuous service, whose payment history for the most recent twelve month period is satisfactory.

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SWITCHED ACCESS SERVICESSECTION 4 - PAYMENT ARRANGEMENTS (CONT'D)

- 4.4.8 The fact that a deposit has been made in no way relieves the Customer from complying with the Company's regulations as to advance payments, or the prompt payment of bills on presentation.
- 4.4.9 The deposit will bear simple interest computed from the date of its receipt by the Company to the date the deposit is refunded, or service is terminated, or annually upon request of the Customer. In the event that a deposit is retained during time periods having different rates of interest, the interest accrued on the deposit will be calculated using the interest rate applicable to each time period.
- 4.4.10 When the Customer is a candidate for political office or is a person or organization acting on behalf of a candidate for political office the deposit requirement will be adjusted monthly to reflect twice the current month's actual billing. Under these circumstances, a security, i.e., surety bond or bank letter of credit equal to the Company's deposit requirement will be the only acceptable substitutes for a cash deposit.
- 4.4.11 The rate of interest to be paid on Customer deposits shall accrue on all deposits at the rate prescribed by law, beginning on the date of deposit. Interest accrued shall be refunded to the customer or credited to the customer's bill on an annual basis. If the Customer's bill is delinquent on the anniversary of the deposit date, a refund or credit interest on the deposit will not be refunded. If interest is paid or credited to the Customer's bill prior to twelve (12) months from the date of deposit, the payment or credit shall be on a prorated basis. Upon termination of service, the deposit, any principal amounts, and interest earned and owing shall be credited to the final bill with any remainder refunded to the Customer.
- 4.4.12 When service is terminated, the amount of the initial or additional deposit, with any interest due, will be credited to the Customer's account and any credit balance which may remain will be refunded. After an existing customer has established satisfactory credit, the amount of the deposit, with any interest due, will be either credited to the account or at the option of the Customer, refunded. Satisfactory credit for a Customer is defined as twelve consecutive months of Service without suspension for nonpayment and with no more than one notification of intent to suspend service for nonpayment.
- 4.5 Discontinuance of Service
- 4.5.1 Upon nonpayment of any amounts owing to the Company, the Company may, by giving ten days prior written notice to the Customer, discontinue or suspend service without incurring any liability.
- 4.5.2 Upon violation of any of the other material terms or conditions for furnishing service the Company may, by giving 30 days prior notice in writing to the Customer, discontinue or suspend service without incurring any liability if such violation continues during that period.

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SWITCHED ACCESS SERVICESSECTION 4 - PAYMENT ARRANGEMENTS (CONT'D)

- 4.5.3 Upon condemnation of any material portion of the facilities used by the Company to provide service to a Customer, or if a condition immediately dangerous or hazardous to life, physical safety or property exists, or if a casualty renders all or any material portion of such facilities inoperable beyond feasible repair, the Company, by notice to the Customer, may discontinue or suspend service without incurring any liability.
- 4.5.4 Upon the Customer's insolvency, assignment for the benefit of creditors, filing for bankruptcy or reorganization, or failing to discharge an involuntary petition within the time permitted by law, the Company may immediately require a deposit without incurring any liability.
- 4.5.5 Upon any governmental prohibition or required alteration of the services to be provided or any violation of an applicable law or regulation, the Company may immediately discontinue service without incurring any liability.
- 4.5.6 Upon the Company's discontinuance of service to the Customer under paragraphs 4.5.1 or 4.5.2 above, the Company, in addition to all other remedies that may be available to the Company at law or in equity or under any other provision of the tariffs of the Company, may declare all future monthly and other charges which would have been payable by the Customer during, the remainder of the minimum term for which such services would have otherwise been provided to the Customer to be immediately due and payable (discounted to present value at six percent (6%)).
- 4.5.7 Any Customer or Applicant for Service requesting the opportunity to dispute any action or determination of company under the Commission's Customer Service Rules shall be given an opportunity for a supervisory review by the Company immediately following Customer's request for such review. Service will not be disconnected pending completion of the review.
- 4.6 Cancellation of Application for Service
- 4.6.1 Applications for service are noncancellable unless the Company otherwise agrees. Where the Company permits the Customer to cancel an application for service prior to the start of service or prior to any special construction, no charges will be imposed except for those specified below.
- 4.6.2 Where, prior to cancellation by the Customer, the Company incurs any expenses in installing the service or in preparing to install the service that it otherwise would not have incurred, a charge equal to the costs the Company incurred, less net salvage, shall apply, but in no case shall this charge exceed the sum of the charge for the minimum period of services ordered, including installation charges, and all charges others levy against the Company that would have been chargeable to the Customer had service begun (all discounted to present value at six percent (6%)).

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SWITCHED ACCESS SERVICES

**SECTION 4 - PAYMENT ARRANGEMENTS (CONT'D)**

4.6.3 Where the Company incurs any expense in connection with special construction, or where special arrangements of facilities or equipment have begun, before the Company receives a cancellation notice, a charge equal to the costs incurred, less net salvage, applies. In such cases, the charge will be based on such elements as the cost of the equipment, facilities, and material, the cost of installation, engineering, labor, and supervision, general and administrative expense, other disbursements, depreciation, maintenance, taxes, provision for return on investment, and any other costs associated with the special construction or arrangements.

4.6.4 The special charges described in paragraphs 4.6.1 through 4.6.3, above, will be calculated and applied on a case-by-case basis.

4.7 Changes in Service Requested

If the Customer makes or requests material changes in circuit engineering, equipment specifications, service parameters, premises locations, or otherwise materially modifies any provision of the application for service, the Customer's installation fee shall be adjusted accordingly.

4.8 Taxes

The Customer is responsible for the payment of Federal excise taxes, gross receipts, access, state and local sales and use taxes and all taxes, fees, surcharges (however designated) and other exactions imposed on the Company or its services by governmental jurisdictions, other than taxes imposed generally on corporations. Any taxes imposed by a local jurisdiction (e.g. county and municipal taxes) will only be recovered from those customers residing in the affected jurisdictions. All such taxes, fees, and charges shall be separately designated on the Company's invoices, and are not included in the tariffed rates. It should be the responsibility of the Customer to pay any such taxes that subsequently become applicable retroactively.

4.9 Disputed Bills

The Customer may dispute a bill only by written notice to the Company. Unless such notice is received in a timely fashion, the bill statement shall be deemed to be correct and payable in full by Customer. Any Customer who has a dispute shall be advised by the Company that the Customer may file a formal or informal complaint with the Commission.

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SWITCHED ACCESS SERVICES**SECTION 5 - USE OF CUSTOMER'S SERVICE BY OTHERS**5.1 Resale and Sharing

Any service provided under the Company tariffs may be resold to or shared with other persons at the option of Customer, except as provided in 5.3, following. Customer remains solely responsible for all use of services ordered by it or billed to its telephone number(s) pursuant to the tariffs of the Company, for determining who is authorized to use its services, and for notifying the Company of any unauthorized use. Business rates apply to all service that is resold or shared.

5.2 Joint Use Arrangements

Joint use arrangements will be permitted for all services available for resale and sharing pursuant to the Company tariffs. From each joint use arrangement, one member will be designated as the Customer responsible for the manner in which the joint use of the service will be allocated. Level 3 Communications, LLC will accept orders to start, rearrange, relocate, or discontinue service only from the Customer. Without affecting the Customer's ultimate responsibility for payment of all charges for the service, each Joint User shall be responsible for the payment of the charges billed to it.

5.3 Transfers and Assignments

5.3.1 Neither the Company nor the Customer may assign or transfer its rights or duties in connection with the services and facilities provided by the Company without the written consent of the other party and any appropriate authorizations, if necessary, except that the Company may assign its rights and duties (a) to any subsidiary, parent company or affiliate of the Company, (b) pursuant to any sale or transfer of substantially all the assets of the Company; or (c) pursuant to any financing, merger or reorganization of the Company.

5.3.2 If a Customer cancels a Service Order or terminates services before the completion of the term for any reason whatsoever other than a Major Service Interruption, Customer agrees to pay to the Company the following sums, within 21 days of the effective date of the cancellation or termination and be payable under the terms set forth in Section 4.0, preceding: all costs, fees and expenses reasonably incurred in connection with:

5.3.2.1 All Nonrecurring charges as specified in the Company's tariffs, plus

5.3.2.2 Any disconnection, early cancellation or termination charges reasonably incurred and paid to third parties by the Company on behalf of Customer, plus

5.3.2.3 All Recurring Charges specified in the applicable Company tariff for the balance of the then current term.

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SWITCHED ACCESS SERVICES

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**SECTION 6 - CANCELLATION OF SERVICE**

Reserved for future use.

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SWITCHED ACCESS SERVICES

**SECTION 7 - NOTICES AND COMMUNICATIONS**

7.1 The Customer shall designate on the Service Order an address to which the Company shall mail or deliver all notices and other communications, except that Customer may also designate a separate address to which the Company's bills for service shall be mailed.

7.2 The Company shall designate on the Service Order an address to which the Customer shall mail or deliver all notices and other communications, except that the Company may designate a separate address on each bill for service to which the Customer shall mail payment on that bill.

7.3 All notices or other communications required to be given pursuant to the tariffs of the Company will be in writing. Notices and other communications of either party, and all bills mailed by the Company, shall be presumed to have been delivered to the other party on the third business day following placement of the notice, communication or bill with the U.S. Mail or a private delivery service, prepaid and properly addressed, or when actually received or refused by the addressee, whichever occurs first.

7.4 The Company or the Customer shall advise the other party of any changes to the addresses designated for notices, other communications or billing, by following the procedures for giving notice set forth herein.

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SWITCHED ACCESS SERVICESSECTION 8 - CUSTOMER EQUIPMENT AND CHANNELS8.1 General

A User may transmit or receive information or signals via the facilities of the Company. The Company's services are designed primarily for the transmission of voice-grade telephonic signals, except as otherwise stated in the tariffs of the Company. A User may transmit any form of signal that is compatible with the Company's equipment, but except as otherwise specifically stated in its tariffs, the Company does not guarantee that its services will be suitable for purposes other than voice-grade telephonic communication.

8.2 Station Equipment

- 8.2.1 Terminal equipment on the User's Premises and the electric power consumed by such equipment shall be provided by and maintained at the expense of the User. The User is responsible for the provision of wiring or cable to connect its terminal equipment to the Company's Point of Connection.
- 8.2.2 The Customer is responsible for ensuring that Customer-provided equipment connected to the Company equipment and facilities is compatible with such equipment and facilities. The magnitude and character of the voltages and currents impressed on Company-provided equipment and wiring by the connection, operation, or maintenance of such equipment and wiring shall be such as not to cause damage to Company-provided equipment and wiring or injury to the Company's employees or to other persons. Any additional protective equipment required to prevent such damage or injury shall be provided by the Company at the Customer's expense.
- 8.2.3 Customer provided station equipment may be attached to services provided under the tariffs of the Company subject to Part 68 of the FCC Rules and to any applicable provisions of the tariffs of the Company and is the sole responsibility of the Customer.
- 8.2.4 The Company is not responsible for malfunctions of Customer-owned telephone sets or other Customer-provided equipment, or for misdirected calls, disconnects or other service problems caused by the use of Customer-owned equipment.

8.3 Interconnection of Facilities

- 8.3.1 Any special interface equipment necessary to achieve compatibility between the facilities and equipment of the Company used for furnishing Communications Services and the channels, facilities, or equipment of others shall be provided at the Customer's expense.
- 8.3.2 Communications Services may be connected to the services or facilities of other communications carriers only when authorized by, and in accordance with, the terms and

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SWITCHED ACCESS SERVICESSECTION 8 – CUSTOMER EQUIPMENT AND CHANNELS (CONT'D)

conditions of the tariffs of the other communications carriers which are applicable to such connections.

- 8.3.3 Facilities furnished under the tariffs of the Company may be connected to customer provided terminal equipment in accordance with the provisions of the tariffs of the Company. All such terminal equipment shall be registered by the Federal Communications Commission pursuant to Part 68 of Title 47, Code of Federal Regulations; and all User provided wiring shall be installed and maintained in compliance with those regulations.

8.4 Tests and Adjustments

Upon suitable notice, the Company may make such tests, adjustments, and inspections as may be necessary to maintain the Company's facilities in satisfactory operating condition. No interruption allowance will be credited to the Customer for the period during which the Company makes such tests, adjustments, or inspections.

8.5 Inspections

- 8.5.1 Upon suitable notification to the Customer, and at a reasonable time, the Company may make such tests and inspections as may be necessary to determine that the User is complying with the requirements set forth in Section 2.8 for the installation, operation, and maintenance of Customer-provided facilities, equipment, and wiring in the connection of Customer-provided facilities and equipment to Company-owned facilities and equipment.
- 8.5.2 If the protective requirements for Customer-provided equipment are not being complied with, the Company may take such action as it deems necessary to protect its facilities, equipment, and personnel. The Company will notify the Customer promptly if there is any need for further corrective action. Within ten days of receiving this notice, the Customer must take this corrective action and notify the Company of the action taken. If the Customer fails to do this, the Company may take whatever additional action is deemed necessary, including the suspension of service, to protect its facilities, equipment and personnel from harm.

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SWITCHED ACCESS SERVICESSECTION 9 - ALLOWANCES FOR INTERRUPTIONS IN SERVICE9.1 General

- 9.1.1 Interruptions in service, which are not due to the negligence of, or noncompliance with the provisions of the tariffs of the Company by, the Customer or of an authorized or Joint User, or the operation or malfunction of the facilities, power or equipment provided by the Customer, will be credited to the Customer as set forth below for the part of the service that the interruption affects.
- 9.1.2 A credit allowance will be made when an interruption occurs because of a failure of any component furnished by the Company under its tariffs. An interruption period begins when the Customer reports a service, facility or circuit is interrupted and releases it for testing and repair. An interruption period ends when the service, facility or circuit is operative. If the Customer reports a service, facility or circuit to be inoperative but declines to release it for testing and repair, it is considered to be impaired, but not interrupted.
- 9.1.3 For calculating credit allowances, every month is considered to have 30 days. A credit allowance is applied on a pro rata basis against the rates specified hereunder and is dependent upon the length of the interruption. Only those facilities on the interrupted portion of the circuit will receive a credit.
- 9.1.4 For Switched Access Service, no credit will be allowed for an interruption of less than 24 hours. After the first 24 hour period, a credit equal to 1/30 of the applicable recurring transport charges will be applied to each interruption which is in excess of 12 hours and Up to 24 hours.

Interruptions Over 24 Hours and Less than 72 Hours will be credited 1/5 day for each 3-hour period or fraction thereof. No more than one full day's credit will be allowed for any period of 24 hours.

Interruptions Over 72 Hours will be credited 2 days for each full 24-Hour period. No more than 30 days credited will be allowed for any one month period.

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SWITCHED ACCESS SERVICES

**SECTION 9 - ALLOWANCES FOR INTERRUPTIONS IN SERVICE (CONT'D)**

9.2 No credit allowance will be made for:

- 9.2.1 interruptions due to the negligence of, or noncompliance with the provisions of the tariffs of the Company by, the Customer, User, or other common carrier providing service connected to the service of the Company;
- 9.2.2 interruptions due to the negligence of any person other than the Company, including but not limited to the Customer or other common carriers connected to the Company's facilities;
- 9.2.3 interruptions of service due to the failure or malfunction of facilities, power or equipment provided by the Customer, Authorized User, Joint User, or other common carrier providing service connected to the services or facilities of the Company;
- 9.2.4 interruptions of service during any period in which the Company is not given full and free access to its facilities and equipment for the purpose of investigating and correcting interruptions;
- 9.2.5 interruptions of service during a period in which the Customer continues to use the service on an impaired basis;
- 9.2.6 interruptions of service during any period when the Customer has released service to the Company for maintenance purposes or for implementation of a Customer order for a change in service arrangements;
- 9.2.7 interruption of service due to circumstances or causes beyond the control of the Company; and
- 9.2.8 interruptions of service that occur or continue due to the Customer's failure to authorize replacement of any element of special construction.

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SWITCHED ACCESS SERVICES

**SECTION 10 - APPLICATION OF RATES**

10.1 Distance-Based Charges

10.1.1 Distance between two points is measured as airline distance between two Points of Service.

10.1.2 The airline distance between any two Points of Service is determined as follows:

- A. Obtain the vertical and horizontal coordinates for each Point of Service location.
- B. Compute the difference between the vertical coordinates of the two Points of Service; and compute the difference between the two horizontal coordinates.
- C. Square each difference between the vertical coordinates and the horizontal coordinates.
- D. Add the square of the vertical coordinates difference and the square of the horizontal coordinates difference.
- E. Divide the sum of the squares by 10. Round to the next higher whole number if any fraction is obtained. For example:  $\frac{(V2 - V1)^2 + (H2 - H1)^2}{10}$
- F. Take the square root of the result.

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SWITCHED ACCESS SERVICESSECTION 11 - SPECIAL CONSTRUCTION AND SPECIAL ARRANGEMENTS11.1 Special Construction

Subject to the agreement of the Company and to all of the regulations contained in the tariffs of the Company, special construction and special arrangements may be undertaken on a reasonable efforts basis at the request of the Customer. Special arrangements include any service or facility relating to a regulated telecommunications not otherwise specified under a tariff, or for the provision of service on an expedited basis or in some other manner different from the normal tariff conditions. Special construction is that construction undertaken:

- 11.1.1 where facilities are not presently available, and there is no other requirement for the facilities so constructed;
- 11.1.2 of a type other than that which the Company would normally utilize in the furnishing of its services;
- 11.1.3 over a route other than that which the Company would normally utilize in the furnishing of its services;
- 11.1.4 in a quantity greater than that which the Company would normally construct;
- 11.1.5 on an expedited basis;
- 11.1.6 on a temporary basis until permanent facilities are available;
- 11.1.7 involving abnormal costs; or
- 11.1.8 in advance of its normal construction.

11.2 Basis for Charges

Where the Company furnishes a facility or service on a special construction basis, or any service for which a rate or charge is not specified in the Company's tariffs, charges will be based on the costs incurred by the Company and may include, (1) nonrecurring type charges; (2) recurring type charges, (3) termination liabilities; or (4) combinations thereof. The agreement for special construction will ordinarily include a minimum service commitment based upon the estimated service life of the facilities provided.

11.3 Basis for Cost Computation

The costs referred to in Section 11.2 preceding may include one or more of the following items to the extent they are applicable:

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SWITCHED ACCESS SERVICES

**SECTION 11 - SPECIAL CONSTRUCTION AND SPECIAL ARRANGEMENTS (CONT'D)**

11.3.1 installed costs of the facilities to be provided including estimated costs for the rearrangements of existing facilities. Installed costs include the cost of:

- 11.3.1.1 equipment and materials provided or used,
- 11.3.1.2 engineering, labor and supervision,
- 11.3.1.3 transportation,
- 11.3.1.4 rights of way, and
- 11.3.1.5 any other item chargeable to the capital account;

11.3.2 annual charges including the following:

- 11.3.2.1 cost of maintenance;
- 11.3.2.2 depreciation on the estimated installed cost of any facilities provided, based on the anticipated useful service life of the facilities with an appropriate allowance for the estimated net salvage;
- 11.3.2.3 administration, taxes and uncollectible revenue on the basis of reasonable average costs for these items;
- 11.3.2.4 any other identifiable costs related to the facilities provided; and
- 11.3.2.5 an amount for return and contingencies.

11.4 Termination Liability

To the extent that there is no other requirement for use by the Company, the Customer may have a termination liability for facilities specially constructed at the request of the customer, if and only if such liability is clearly stated in a written agreement between the Company and the Customer.

11.4.1 The maximum termination liability is equal to the total cost of the special facility as determined under 11.3, preceding, adjusted to reflect the redetermined estimate net salvage, including any reuse of the facilities provided.

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SWITCHED ACCESS SERVICES

**SECTION 11 - SPECIAL CONSTRUCTION AND SPECIAL ARRANGEMENTS (CONT'D)**

11.4.2 The maximum termination liability as determined in paragraph (1) shall be divided by the original term of service contracted for by the Customer (rounded up to the next whole number of months) to determine the monthly liability. The Customer's termination liability shall be equal to this monthly amount multiplied by the remaining unexpired

term of service (rounded up to the next whole number of months), discounted to present value at six percent (6%), plus applicable taxes.

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SWITCHED ACCESS SERVICESSECTION 12 – ORDERING OPTIONS FOR SWITCHED ACCESS SERVICE12.1 General

This section sets forth the regulations and related charges for ordering Switched Access Service, as defined in this tariff. These charges are in addition to other applicable charges set forth in other sections of this tariff.

## 12.1.1 Ordering Conditions:

Except for Tandem Connect Service (as defined in Section 14.2.3.3), all services offered under this tariff will be ordered using an ASR.

12.1.1.1 ASR Orders. The format of the ASR will be as specified in the industry Access Service Order Guidelines, unless otherwise specified herein. A Customer may order any number of Services of the same type and between the same Premises on a single ASR. All details for services for a particular order must be identical.

The Customer shall provide all information necessary for the Company to provide and bill for the requesting service. When placing an order for Switched Access Service, the Customer shall provide the following minimum information:

- a. Customer name and Premise(s) address(es);
- b. Billing name and address (when different from Customer name and address);
- c. Customer contact name(s) and telephone numbers for the following provisioning activities; order negotiating, order confirmation, interactive design, installation and billing.

The order date (Application Date) is the date on which the Company receives a firm commitment and sufficient information from the Customer to allow processing of the ASR. The Customer is advised of the critical events in the provisioning process, the Application Date, the Plant Test Date and the Service Commencement Date, at the time the Company gives the Customer a Firm Order Confirmation (FOC). The FOC is forwarded to the Customer within 2 business days after the date on which all information needed to process the ASR has been received by the Company.

12.1.1.2 Tandem Connect Service Orders. A Customer may order Tandem Connect service (as defined in Section 14.2.3.3) either by (1) submitting an ASR as defined in Section 12.1.1.1 or (2) routing traffic to the Company, or accepting traffic from the Company, through the tandem of another local exchange carrier to which the Customer is connected (the “tandem provider”). Where the Customer orders Tandem Connect service via option (2), the Company may use information provided to the Company by the tandem provider or information obtained from other sources to bill the Customer for the services provided.

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SWITCHED ACCESS SERVICES**SECTION 12 - ORDERING OPTIONS FOR SWITCHED ACCESS SERVICE (CONT'D)**

## 12.1.2 Provision of Other Services

Unless otherwise specified herein, all services offered under this tariff shall be ordered with an ASR. C

With the agreement of the Company, other services may subsequently be added to the ASR at any time, up to and including the service date for the Access Service. When added subsequently, charges for a Design Change as set forth in Section 14.1.3.2 will apply when an engineering review is required.

Additional Engineering is not an ordering option, but will be applied to an ASR when the Company determines that Additional Engineering is necessary to accommodate a Customer request, Additional Engineering will be provided by the Company at the request of the Customer only when a Customer requests additional technical information after the Company has already provided the technical information included on the Design Layout Report as set forth herein. The Customer will be notified when Additional Engineering is required, and will be furnished with a written statement setting forth the justification for the Additional Engineering as well as an estimate of the charges. If the Customer does not want the service or facilities after being notified by the Company that Additional Engineering is required, the customer may cancel the order and no charges will apply.

12.2 Access Order C

Unless otherwise specified herein, an ASR is required by the Company to provide a Customer Switched Access Service, as described herein. An ASR will be required for each new similar service arrangement or group of common circuits.

When a customer requests new or additional Switched Access Service, one or more ASR's may be required. The number of orders required is dependent on the type of services and/or facilities being requested.

When placing an order for either Direct Connect Service or Tandem Connect Service, as described in Sections 14.2.3.2 and 14.2.3.3, respectively, the Customer shall provide all standard ASR ordering information as specified in industry guidelines. The Customer will also be required to provide this information to order additional service for an existing service type. For new Customers ordering Tandem Connect Service, the Customer will only be required to complete an ASR for installation of new service.

12.2.1 Access Service Date Intervals. Access Service is provided with one of the following Service Date intervals:

- Standard Interval
- Negotiated Interval

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SWITCHED ACCESS SERVICES

**SECTION 12 - ORDERING OPTIONS FOR SWITCHED ACCESS SERVICE (CONT'D)**

The Company will specify a FOC and the Service Commencement Date contingent on the ASR being complete as received. To the extent the Access Service can be made available with reasonable effort, the Company will provide the Access Service in accordance with the Customer's required interval, subject to the following conditions:

12.2.1.1 Standard Interval: Except for Tandem Connect Service ordered under option (2) of Section 12.1.1.2, the Standard Interval for Switched and Special Access Service will be 10 business days from the date the ASR is submitted to the Company. This interval only applies to standard service offerings for a Customer which is On-Net and at locations where there are pre-existing facilities to the Customer premises. Access Services provided under the Standard Interval will be installed during Company business hours. For Tandem Connect Service ordered under option (2) of Section 12.1.1.2, the Standard Interval will be the same day as the service is ordered.

12.2.1.2 Negotiated Interval: The Company will negotiate a Service Date Interval with the Customer when:

- 1) The Customer requests a Service Date before or beyond the applicable Standard Interval Service Date; or
- 2) There is no existing facility connecting the Customer Premises with the Company or
- 3) The Customer requests a service that is not considered by the Company to be a standard service offering (for example, if Additional Engineering is required to complete the order; or
- 4) The Company determines that Access Service cannot be installed within the Standard Interval.

The Company will offer a Service Date based on the type and quantity of Access Services the Customer has required. The Negotiated Interval may not exceed by more than six months the Standard Interval Service Date, or, when there is no Standard Interval, the Company offered Service Date. All services for which rates are applied on an Individual Case Basis are provided with a Negotiated Interval.

12.2.2 Access Service Request Modifications: The Customer may request a modification of its ASR prior to the Service Commencement Date. All modifications must be in writing using the industry ASR process. The Company, in its sole discretion may accept a verbal modification from the Customer. The Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours.

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SWITCHED ACCESS SERVICES

**SECTION 12 - ORDERING OPTIONS FOR SWITCHED ACCESS SERVICE (CONT'D)**

Charges for access service order modification will apply as set forth below, on a per occurrence basis.

Any increase in the number of Special Channels, Switched Access Service lines, trunks, transport facilities, Out of Band Signaling connections or any change in engineering or functionality of a service will be treated as a new ASR with a new Service Date Interval.

12.2.2.1 Service Commencement Date Charges:

ASR service dates for the installation of new services or rearrangement of existing services may be changed, but the new service date may not exceed the original Service Commencement Date by more than 30 calendar days. Then, for any reason, the Customer indicates that service cannot be accepted for a period not to exceed 30 calendar days, and the Company accordingly delays the start of service, a Service Change Charge will apply. In addition, when the Customer submits a request for a Service Date Change that is less than five business days from the date of notification by the Customer, a Service Date Charge and an Expedite Charge will apply. No Expedite Charge will apply if the Customer requests a Service Date Change that is more than 5 business days from the date of request by the Customer but earlier than the original requested Service Commencement Date.

If the Customer requested service date is more than 30 calendar days after the original service date, the order will be canceled by the Company on the 31<sup>st</sup> day. Appropriate cancellation charges will be applied. If the Customer still requires the service, the Customer must place a new ASR with the Company. The Service Date Change charge will apply on a per order, per occurrence basis for each service date changed. The applicable charges are set forth in Section 15.1.3.2.

12.2.2.2 Design Change Charge:

The Customer may request a Design Change to the service ordered. A Design Change is any change to an ASR which requires Engineering Review. An Engineering Review is a review by Company personnel of the service ordered and requested changes to determine what change(s) in design, if any, are necessary to meet the Customer's request. Design Changes include such changes as the addition or deletion of optional features or functions, a change in the type of Transport Termination or type of Channel interface. Any other changes are not considered Design Changes for purposes of this subsection and will require issuance of a new ASR and the cancellation of the original ASR with appropriate cancellation charges applied.

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SWITCHED ACCESS SERVICES**SECTION 12 – ORDERING OPTIONS FOR SWITCHED ACCESS SERVICE (CONT'D)**

The Design Change Charge will apply on a per order, per occurrence basis for each order requiring a Design Change. The applicable charges, as set forth in Section 15.1.3.2 are in addition to any Service Date Change Charges that may apply.

## 12.2.2.3 Expedited Order Charge:

When placing an Access Order for service(s) for which a Standard Interval exists, a Customer may request a Service Commencement date that is earlier than the Standard Interval Service Date, in which case an Expedite Charge will apply. The Expedite Charge will not apply if the new Service Commencement Date is more than five days from the date of the request to the Company of the Expedited Order request. However, if upon reviewing availability of equipment and scheduled work load, Company agrees to provide service on an expedited basis and Customer accepts Company's proposal, an Expedite Charge will apply. If the Company is subsequently unable to meet an agreed upon expedited service date, then the Expedite Charge will not apply.

In the event the Company provides service on an expedited basis on the Customer's request, and the Customer delays service or is not ready for delivery of service at the time of installation, a Service Date Change Charge will apply in addition to the Expedite Charge

In the event that the Customer cancels an expedite request, the Expedite Charge will be added to any applicable Cancellation Charge specified herein

In the event that the Customer requests a Service Date Change after the Company has received the original expedite request, the Expedite Charge will still apply.

An Expedite Charge will not be applied to orders expedited for Company reasons.

If costs other than additional administrative expenses are to be incurred when the Access Order is expedited, the regulations and charges for Special Construction as set forth in this tariff will apply.

The Expedited Order Charge will apply on a per order, per occurrence basis, as specified in Section 15.1.3.2.

## 12.2.3 Cancellation of an Access Service Request:

A Customer may cancel an ASR for the installation of Switching Access Service at any time prior to notification by the Company that service is available for the Customer's use. The cancellation date is the date the Company receives written or verbal notice from the Customer that the order is to be canceled. The verbal notice must be followed by written confirmation within 10 days. A customer may negotiate an extension of the service date of an

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SWITCHED ACCESS SERVICES

**SECTION 12 – ORDERING OPTIONS FOR SWITCHED ACCESS SERVICE (CONT'D)**

ASR for installation of new service or rearrangement of existing service, in which case a Service Date Change Charge will apply.

However, the new service date cannot exceed the originally established service date by more than 30 calendar days. On the 31<sup>st</sup> day beyond the original service date, the ASR will be canceled and the appropriate Cancellation Charge will be applied

Except as stated herein, Cancellation Charges will apply as specified in Section 15.1.3.3.

If the cancellation occurs prior to the Company's receiving the ASR, no charges shall apply.

Cancellation Charges for Expedited Orders will be applied for any order canceled from the Application Date forward.

If the Company misses a service date for a Standard or Negotiated Interval Access Order by more than 30 days due to circumstances such as acts of God, governmental requirements, work stoppages and civil disturbances, the Company shall not be liable for such delay and the Customer may cancel the ASR without incurring cancellation charges.

12.2.4 Minimum Period of Service.

The minimum period for which Tandem Connect Service is provided and for which charges are applicable is one month.

12.2.4.1 The following changes will be treated as a discontinuance of the existing service and a request for installation of a new service. All associated Non-Recurring Charges will apply for the new service, and a new minimum period will be established:

- (1) A change in the identity of the Customer of record;
- (2) A move by the Customer to a different building;
- (3) A change in type of service;
- (4) A change in Switched Access Service Interface (i.e., DSL or DS3);
- (5) A change in Switched Access Service Traffic Type;

12.2.4.2 When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. The Minimum Period Charge for monthly billed services will be determined as follows:  
For Switched Access Service, the charge for a month or fraction thereof is the applicable minimum monthly charge for the capacity made available to the Customer.  
All applicable Non-Recurring Charges for the service will be billed in addition to the Minimum Period Charge.

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SWITCHED ACCESS SERVICES

**SECTION 13 – CARRIER COMMON LINE SERVICE**

The Company will provide Carrier Common Line Access Service (Carrier Common Line Access) to customers in conjunction with Switched Access Service provided in Section 14 of this tariff. Carrier Common Line Access Service will not apply where the Company provides Toll Free Inter-Exchange Delivery Service.

(N)  
|  
(N)

13.1 General Description

Carrier Common Line Access provides for the use of end users' Company provided common line by customers for access to such end users to furnish Communications Services.

(T)

13.2 Limitations

13.2.1 Exclusions

Neither a telephone number nor detail billing are provided with Carrier Common Line Access. Additionally, directory listings and intercept arrangements are not included in the rates and charges for Carrier Common Line Access.

13.2.2 Access Groups

All trunk side connections provided in the same access group will be limited to the same features and operating characteristics.

13.3 Undertaking of the Company

13.3.1 Provision of Service

Where the Customer is provided Switched Access Service under other sections of this Tariff, the Company will provide the use of Company common lines by a Customer for access to End Users at rates and charges as set forth in 15.1.3 following.

(T)  
|  
(T)

13.3.2 Interstate and Intrastate Use

The Switched Access Service provided by the Company includes the Switched Access Service provided for both interstate and intrastate communications. The Carrier Common Line Access rates and charges as set forth in 15.1.3.4.2 following apply to intrastate Switched Access Service access minutes when the Company provides common line service with other Switched Access Services.

(N)  
(N)

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SWITCHED ACCESS SERVICES

SECTION 13 – CARRIER COMMON LINE SERVICE (CONT'D)

13.4 Obligations of the Customer

13.4.1 Switched Access Service Requirements

The Switched Access Service associated with Carrier Common Line Access shall be ordered by the customer under other sections of this tariff.

13.4.2 Supervision

The customer facilities at the premises of the ordering customer shall provide the necessary on-hook and off-hook supervision.

13.5 Determination of Usage Subject to Carrier Common Line Access Charges

Except as set forth herein, all Switched Access Service provided to the customer will be subject to Carrier Common Line Access service.

13.5.1 Determination of Jurisdiction

When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the customer for interstate will be determined as set forth in 3.4.1 (Percent Interstate Use – PIU).

13.6 Measuring and Recording of Call Detail

When access minutes are used to determine Carrier Common Line charges, they will be accumulated using call detail recorded by Company equipment. The Company measuring and recording equipment will be associated with end office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed on a line by line basis, by line group or by end office, whichever type of account is used by the Company, for each customer and then rounded to the nearest minute.

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SWITCHED ACCESS SERVICESSECTION 13 – CARRIER COMMON LINE SERVICE (CONT'D)

## 13.7 Billing of Charges

13.7.1 Access minutes for all Switched Access Service subject to Carrier Common Line charges will be multiplied by the Access per minute rate as set forth in Section 15.1.3.4.2 following.

## 13.8 Determination of Charges

13.8.1 Carrier Common Line charges will be billed to each Switched Access Service provided further under this tariff, in accordance with the rates as set forth in Section 15.1.3.4 following.

13.8.2 Carrier Common Line Access per minute charge (s) apply to:

- A. all terminating access minutes of use.
- B. less those terminating access minutes of use associated with Mobile Telephone Switching Offices (MTSOs).
- C. All originating access minutes of use associated with calls placed to 700, 800 and 900 numbers, less those originating access minutes of use associated with calls placed to 700, 800 and 900 numbers for which the Customer furnishes for each month a report of either the number of calls or minutes or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line charges.

When the Customer makes this report available to the Company in advance of billing, these minutes of use will be charged on the current bill as originating minutes of use as set forth in (D) following. If a billing dispute arises concerning the Customer provided report, the Company will request the Customer to provide the data the Customer used to develop the report. The Company will not request such data more than once a year. The Customer shall supply the data within 30 days of the Telephone Company request.

When this report is not available to the Company until after billing, it shall be used by the Company to calculate and post a credit to the Customer's account. The credit shall be posted to the Customer's account within 30 days of receipt of the report. The credit shall be calculated by multiplying the number of access minutes of use, for which a credit is determined to be applicable, times the difference between the terminating and originating Carrier Common Line charges in effect when the calls were completed.

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SWITCHED ACCESS SERVICES

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**SECTION 13 – CARRIER COMMON LINE SERVICE (CONT'D)**

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SWITCHED ACCESS SERVICESSECTION 14 - SWITCHED ACCESS SERVICE14.1 General

Switched Access Service, which is available to Customers for their use in furnishing their services to End Users, provides a two-point communications path between a Customer's premises and an End User's Premises. It provides for the use of common terminating switching and transport facilities. Switched Access Service provides the ability to originate calls from an End User's Premises location to a Customer's Premises, and to terminate calls from a Customer's Premises to an End User's Premises.

Rates and charges are set forth in Section 15. The application of rates for Switched Access Service is described in Section 15.1.3.4.

14.2 Provision and Description of Switched Access Service Agreements

Switched Access Service is provided in the following service type:

## 14.2.1 Feature Group D (FGD) Access

FGD Access, which is available to all customers, is provisioned at the DSI level and provides trunk-side access to Company Local Switching Center switches, with an associated uniform 10XXX Access Code for Customer's use in originating and terminating communications. Basic FGD service will be provided with Multi-Frequency In Band Signaling (SS7 is also available as a Common Switching Option for Feature Group D). In addition, Conventional Signaling for Direct Carrier Trunk Groups is available at Customer's option. End Users of Customer's service may also originate calls to certain FGD Access Customers without dialing the 10XXX Access Code if End User is presubscribed, as described herein.

The Access Code for FGD switching is a uniform Access Code of the form 10XXX. A single Access Code will be the assigned number of all FGD access provided to the Customer by the Company. No Access Code is required for calls to a customer over FGD Switched Access Service if the End User's telephone exchange service is arranged for Presubscription to that Customer, as set forth herein

Where no Access Code is required, the number dialed by the Customer's End User shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP), except for 00- dialed calls which are routed to the predesignated Customer. For international calls outside the NANP, a seven to twelve digit number maybe dialed. The form of the numbers dialed by the Customer's End User is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA = NXX-XXXX, and when the local Switching Center is equipped for International Direct Distance Dialing (IDDD), O+ CC + NN or 011 + CC + NN.

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SWITCHED ACCESS SERVICES

SECTION 14 - SWITCHED ACCESS SERVICE (CONT'D)

When the 10XXX Access Code is used, FGD switching also provides for dialing the digit 0 for access to the Customer's operator, 911 for access to the Company's emergency service, or the end-of-dialing digit (#) for cut-through access to the Customer's Premises.

In addition, End Users may originate calls by dialing the 950-XXXX Access Code specific to a particular Interexchange Carrier, provided that the Interexchange Carrier has subscribed to the Company's Feature Group D with 950 Access Common Switching Optional Feature. If the End User is presubscribed to that Interexchange Carrier, no Access Code is necessary.

14.2.2 Manner of Provision

Trunks used for Switched Access Service may be configured for one-way (either originating only or terminating only) or for two-way directionality. It is the Customer's responsibility to order a sufficient number of trunks of each type in order to meet its desired grade of service objective. At the Customer's request, the Company will assist the Customer in sizing Switched Access Trunk groups.

14.2.3 Rate Categories

The following rate categories apply to Switched Access Service:

- A. Direct Connect
- B. Tandem Connect

14.2.3.1 Except as stated as follows, Tandem Connect Service is provided in conjunction with the tandem provider serving the area. Charges are computed in accordance with Section 4.2.8 preceding (Ordering, Rating, and Billing of Access Services Where More Than One Exchange Carrier is Involved). Customer may select either Direct Connect or Tandem Connect. If no selection is made, the Company shall use the Tandem Connect method of traffic delivery.

(N)  
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(N)

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SWITCHED ACCESS SERVICES

**SECTION 14 – SWITCHED ACCESS SERVICE (CONT'D)**

14.2.3.2 Direct Connect: As a Customer selected option, the Company will provide Direct connects, between the Customer’s Premises and the Company’s Local Switching Center switch(es). This transmission path is dedicated to the use of a single Customer. DS3 facilities are available for Direct Connect Service. A DS3 facility is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice-frequency transmission paths. For DS3 facilities, if the Company is required to install additional fiber optic equipment for the benefit of the Customer, then the Customer has the option to choose either an optical or electrical interface. This Direct connect rate category is comprised of a monthly Entrance Facilities charge and a per minute of use Local End Office Switching charge as specified in 15.1.3.4. Customers who select the Direct Connect option will not be billed Tandem Switched Transport - Facility, Switched Transport Usage Rates, Switched Termination, Tandem Transport or Tandem Termination. (T)  
 (N)  
 (N)

14.2.3.3 Tandem Connect: Tandem Connect consists of circuits from the point of interconnection with Customer’s tandem provider to the Company’s Local Switching Center. This Tandem Connect rate category will be billed based on the Minutes of Use (MOU) measured for the End-Office switching and tandem switched transport charges. (T)  
 (T)

14.2.4 Design Layout Report:

At the request of the Customer, the Company will provide to the Customer the makeup of the facilities and services provided from the Customer’s Premises to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the Customer at no charge.

14.2.5 Acceptance Testing:

At no additional charge, the Company will, at the Customer’s request, cooperatively test, at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tons slope, d.c. continuity and operational signaling.

14.2.6 Ordering Options and Conditions:

Switched Access Service is ordered under the Access Order provisions set forth in Section 12. Also included in that section are other charges which may be associated with ordering Switched Access Service.

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SWITCHED ACCESS SERVICES

**SECTION 14 – SWITCHED ACCESS SERVICE (CONT’D)**

14.2.7 Competitive Pricing Arrangements:

Competitive pricing arrangements for Local Transport - Entrance Facilities and Local Transport-Direct Trunked Transport can be furnished to meet the communications needs of specific Customers on a case by case basis under individual contracts.

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(D)

14.2.8 Determination of Charges

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A. Except as set forth in 14.2.8(B) below, the originating Access, per minute charge(s) apply to:

(C)(L)

- 1. all Originating Access minutes of use associated with calls placed to 700 numbers, 900 numbers and Toll Free 8YY numbers for which the Customer furnishes service,
- 2. all Originating Access minutes of use where the off-hook supervisory signaling is forwarded by the customer’s equipment when the called party answers,

B. **Exception:** The following are exempted from the application of the originating access charge elements of Carrier Common Line, Local End Office Switching, End Office Port, Switched Transport Usage, and Tandem Switched Transport – Facility and Switched Termination.

- 1. all Originating Access minutes of use associated with calls placed to 700 numbers, Toll Free 8YY, and 900 numbers where such traffic utilizes the Toll Free Inter-Exchange Delivery Service in Section 14.2.9(B),
- 2. all Originating Access minutes of use originating from a wireless carrier’s Mobile Telephone Switching Offices (MTSOs) including any MTSO owned by the Company.

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SWITCHED ACCESS SERVICESSECTION 14 – SWITCHED ACCESS SERVICE (CONT'D)

## 14.2.9 Other Rate Categories

(N)

(A) Toll Free Data Base Access Service

Toll Free Data Base Access Service is a service offering that utilizes originating trunk side Switched Access Service to deliver Toll Free calls to the Company's Interexchange Carrier Customers. The service provides for the forwarding of end user dialed Toll Free calls to a Company Service Switching Point which will initiate a query to the database to perform the Customer identification and delivery function. The call is forwarded to the appropriate Interexchange Carrier Customer based on the dialed Toll Free number. Records exchange, rating and billing for Toll Free Data Base Access Service is subject to the provisions of the Multiple Exchange Carrier Access Billing Guidelines (MECAB).

(1) Customer Identification Charge

The Toll Free Data Base Access Service Customer Identification Charge applies for the identification of the appropriate Interexchange Carrier Customer. The charge is assessed to the Customer on a per query basis and may include an area of service which may range from a single NPA/NXX to an area consisting of all LATAs and NPAs in the State of Kentucky. The per query Customer Identification Charge is set forth in Section 15.1.3.6.

(2) Customer Delivery Charge

The Toll Free Data Base Access Service Delivery Charge applies for the delivery of the dialed Toll Free ten-digit number. The charge is assessed to the Interexchange Carrier Customer on a per query basis and may include an area of service which may range from a single NPA/NXX to an area consisting of all LATAs and NPAs in the State of Kentucky. The per query Customer Delivery Charge is set forth in Section 15.1.3.6.

(N)

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SWITCHED ACCESS SERVICESSECTION 14 – SWITCHED ACCESS SERVICE (CONT'D)

## 14.2.9 Other Rate Categories (cont'd)

(B) Toll Free Inter-Exchange Delivery Service

Toll Free Inter-Exchange Delivery Service is an access service in which the Company transports Toll Free traffic originated by a third party who is not an end user or other user of the Company's local exchange or exchange access service through its wire center to an Interexchange Carrier Customer. It provides for the use of the Tandem Switching, Tandem Termination, and Tandem Transport facilities of the Company. In a Toll Free Inter-Exchange Delivery Service call, the Company will not charge Carrier Common Line, Local End Office Switching, or End Office Port charges. The rates for Toll Free Inter-Exchange Delivery Service set forth in Section 15.1.3.7 are usage sensitive. Records exchange, rating and billing for Toll Free Inter-Exchange Delivery Service is subject to the provisions of the Multiple Exchange Carrier Access Billing Guidelines (MECAB).

(C) Pay Telephone Compensation

When a Toll-Free number is dialed from a payphone and carried over the Company's facilities to an Interexchange Carrier Customer, the Interexchange Carrier Customer, or a successive carrier, may be responsible for compensating the Pay Telephone Service Provider ("PSP") in accordance with the rules prescribed by the Federal Communications Commission ("FCC"). If the Interexchange Carrier Customer is not capable of reporting and/or remitting Pay Telephone Compensation as prescribed by the FCC, it may contract with the Company to provide that service for an additional fee. Unless the Interexchange Carrier requests such service, no Pay Telephone Compensation charge will be assessed by the Company to the Interexchange Carrier.

(N)

(N)

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**SWITCHED ACCESS SERVICES**

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**14.3 Obligations of Company**

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In addition to the obligations of the Company set forth in other sections of this tariff. The Company has certain other obligations concerning the provision of Switched Access Service. These obligations are as follows:

**14.3.1 Network Management**

The Company will administer its Network to ensure the provision of acceptable service levels to all telecommunications users of the Company's Network Services.

Service levels are considered acceptable only when both End Users and Customers are able to establish connections with little or no delay encountered within the Company Network. Company reserves the right to apply protective controls, (i.e., those actions, such as call gapping, which selectively cancel the completion of traffic), over any traffic carried over its Network, including that associated with a Customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Company or Customer facilities, natural disasters, mass calling or national security demands. Customer will notify Company of anticipated peaked services as stated below. Based on the information provided Company will work cooperatively with Customer to determine the appropriate level of control. In the event that the protective controls applied by Company result in the complete loss of service by Customer, Customer will be granted a credit allowance for service interruption as set forth in Section 9.

(L)

When a Customer uses the Company's facilities to offer services for which a substantial call volume or peaked service is expected during a short period of time, the Customer must notify the Company at least 24 hours in advance of each peak period. For events scheduled during weekends or holidays, the Company must be notified no later than 5:00 p.m. local time the prior business day. Notification should include the nature, time, duration, and frequency of the event, an estimated call volume, and the NPA NXX and line number(s) to be used. On the basis of the information provided, the Company may invoke network management controls if required to reduce the probability of excessive Network congestion. The Company will work cooperatively with the Customer to determine the appropriate level of such control. Failure to provide prescribed notification may result in Customer caused Network congestion which could result in discontinuance of service under Section 4.5.2.

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SWITCHED ACCESS SERVICES

**SECTION 14 – SWITCHED ACCESS SERVICE (CONT'D)**

14.4 Obligations of the Customer

In addition to obligations specified elsewhere in this tariff, the Customer has certain specific obligations pertaining to the use of Switched Access Service, as follows:

14.4.1 Report Requirements:

When a Customer orders Switched Access Service for both interstate and intrastate use, the Customer is responsible for providing Jurisdictional Reports as set forth in Section 3.4 preceding. Charges will be apportioned in accordance with those reports. The method for determining the intrastate charges is set forth therein (Section 3.4).

14.4.2 Supervisory Signaling:

The Customer’s premises equipment shall provide the necessary On-Hook, Off-Hook answer and disconnect supervision.

14.4.3 Design of Switched Access Services:

It is the Customer’s responsibility to assure that sufficient Access Services have been ordered to handle its traffic.

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SWITCHED ACCESS SERVICES**SECTION 15 – RATES AND CHARGES**15.1 Rates for Switched Access Services

There are three types of rates and charges that apply to Switched Access Service. These are Monthly Recurring Charges, Usage Rates and Non-Recurring Charges.

Monthly Recurring Charges: Monthly Recurring Charges are flat rates for facilities that apply each month or fraction thereof that a specific rate element is provided.

Usage Rates: Usage Rates are rates that are applied on a per access minute or per query basis. Usage rates are accumulated over a monthly period.

Non-Recurring Charges: Non-Recurring Charges are one time charges that apply for a specific work activity (i.e., installation of new service or change to an existing service).

(a) Installation of Service: Non-Recurring Charges apply to each Switched Access Service installed. The charge is applied per line or trunk.

## 15.1.1 Application of Rates

## 15.1.1.1 Direct Connect:

The Direct Connect rate is assessed based on the total of the monthly Entrance Facilities charge and per minute of use End-Office switching charge. The monthly Entrance Facilities charge consists of a fixed rate based on the type of the facilities, i.e., DS3, and may include a per mile rate. Entrance Facilities charges are contained in Section 5 of Company's Kentucky P.S.C Tariff No. 1. The Tandem Switched Transport – Facility rates and the Switched Transport Usage Rates do not apply in the Direct Connect application.

(N)  
(N)

## 15.1.1.2 Tandem Connect:

The Tandem Connect rate is assessed based on the monthly usage charges for Local End-Office Switching, Carrier Common Line, and Tandem Switched Transport – Facility and may include a per mile rate.

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15.1.2 Billing of Access Minutes: When recording originating calls over FGD with multifrequency address signaling, usage measurement begins when the first wink supervisory signal is forwarded from the Customer's facilities. The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating End User's Local Switching Center (indicating that the originating End User has disconnected), or the Customer's facilities, whichever is recognized first by the entry switch.

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SWITCHED ACCESS SERVICES

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**SECTION 15 – RATES AND CHARGES (CONT'D)**

For terminating calls over FGD with multifrequency address signaling, the measurement of access minutes begins when a seizure signal is received from the Carrier’s Trunk group at the Point of Presence within the LATA. The measurement of terminating call usage over FGD ends when a disconnect signal is received, indicating that either the originating or terminating user has disconnected.

When recording originating calls over FGD with SS7 signaling, usage measurement begins with the transmission of the initial address message by the switch for direct Trunk groups and with the receipt of an exit message by the switch for tandem Trunk groups. The measurement of originating FGD usage ends when the entry switch receives or sends a release message, whichever occurs first.

For terminating calls over FGD with SS7 signaling, the measurement of access minutes begins when the terminating recording switch receives the initial address message from the terminating End User. On directly routed Trunk groups or on tandem routed Trunk groups, the Company switch receives the initial address message and sends the indication to the Customer in the form of an answer message. The measurement of termination FGD call usage ends when the entry switch receives or sends a release message, whichever occurs first.

15.1.3 Rates and Charges

15.1.3.1 Service Implementation

A.	Installation Charge – Per Trunk	
		<u>Non-recurring Charge</u>
	DS0-Voice Grade	\$99.00
	DS1	\$482.00
	DS3	\$528.00

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SWITCHED ACCESS SERVICES

**SECTION 15 – RATES AND CHARGES (CONT'D)**

15.1.3.2	Change Charges (Per Order)		
		<u>Per Occurrence</u>	
	A. Service Date	\$10.00	
	B. Design Changes	\$25.00	
	C. Expedite Charge	\$100.00	
15.1.3.3	Cancellation Charges (Per Order)		
		\$25.00	
15.1.3.4	Terminating Switched Access		(T)
	15.1.3.4.1	Local End Office Switching	
			<u>Per Access Minute of Use</u>
		End Office Switching	\$0.020086 (I)
		Port Charge	\$0.000038
	15.1.3.4.2	Carrier Common Line Rates	
			<u>Per Access Minute of Use</u>
			\$0.000000

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SWITCHED ACCESS SERVICES

**SECTION 15 – RATES AND CHARGES (CONT'D)**

15.1.3.4.3 Switched Transport Usage Rates

	<u>Access Rate Per Minute</u>	
-Switched Transport	\$0.000176	T
-Tandem Switching Charge	\$0.00153	
-Interconnection Charge	\$0.00000	

15.1.3.4.4 Direct-Trunked Transport

Monthly Recurring Rate

	<u>Fixed</u>	<u>Per Mile</u>
-DS0		
	N/A	N/A
-DS1		
	N/A	N/A
-DS3		
	N/A	N/A

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SWITCHED ACCESS SERVICESSECTION 15 – RATES AND CHARGES (CONT'D)

	<u>Per Access Minute of Use</u>	(N)
15.1.3.5 Originating Switched Access		
15.1.3.5.1 Local End Office Switching	\$0.020299	
15.1.3.5.2 Switched Transport, per mile	\$0.000176	
15.1.3.6 Toll Free Data Base Access Service		
15.1.3.6.1 Customer Identification - Per Query	\$0.003650	
15.1.3.6.2 Customer Delivery - Per Query	\$0.000300	
15.1.3.7 Toll Free Inter-Exchange Delivery Service		
15.1.3.7.1 Tandem Switching	\$0.001198	
15.1.3.7.2 Tandem Termination	\$0.000000	
15.1.3.7.3 Tandem Transport per Mile	\$0.000023	(N)

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SWITCHED ACCESS SERVICES**SECTION 15 – RATES AND CHARGES (CONT'D)**15.2 Non-routine Installation/Maintenance Charges

As stated in 2.9, at the Customer's request, installation and/or maintenance may be performed outside the Company's regular business hours or in hazardous locations. In that case, the following rates apply:

Basic Time - per quarter hour:	\$21.44
Overtime - per quarter hour:	\$28.01
Premium Time - per quarter hour:	\$34.59

15.3 Individual Case Basis Arrangements

Arrangements will be developed on a case-by-case basis in response to a bona fide request from a Customer or prospective Customer to develop a competitive bid for a service offered under this tariff. Rates quoted in response to such competitive requests may be different than those specified for such service in this tariff. ICB rates will be offered to the Customer in writing. Notice of such arrangements will be provided to the Commission according to Commission rules.

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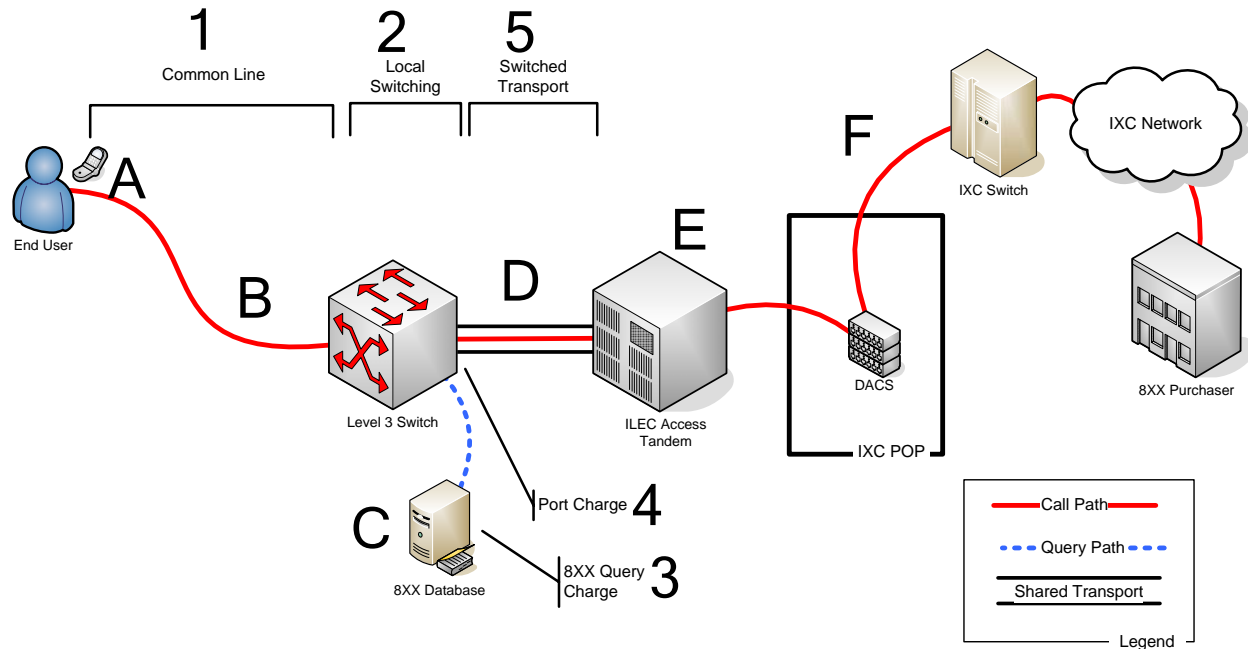
Signature

SWITCHED ACCESS SERVICES

**SECTION 16 – CALL FLOW DIAGRAMS**

Originating Access Service

Calls completed indirectly to the IXC via the Incumbent LEC Access Tandem



- A. End User dials 8XX number.
- B. Call Routes to Level 3 Switch.
- C. Level 3 Switch looks up IXC that should receive the call.
- D. Call is routed across Shared Transport to Incumbent LEC’s Access Tandem.
- E. ILEC routes call to IXC Feature Group D Trunk.
- F. Call is routed to IXC Switch which routes call across IXC network to customer that purchased the 8XX service.

- Level 3 charges Carrier Common Line (1), Local Switching (2), 8XX Query Charge (3), Port Charge (4), and Switched Transport (5) per its tariff.
- The Tandem Carrier may bill the IXC for services that they perform on the call path.

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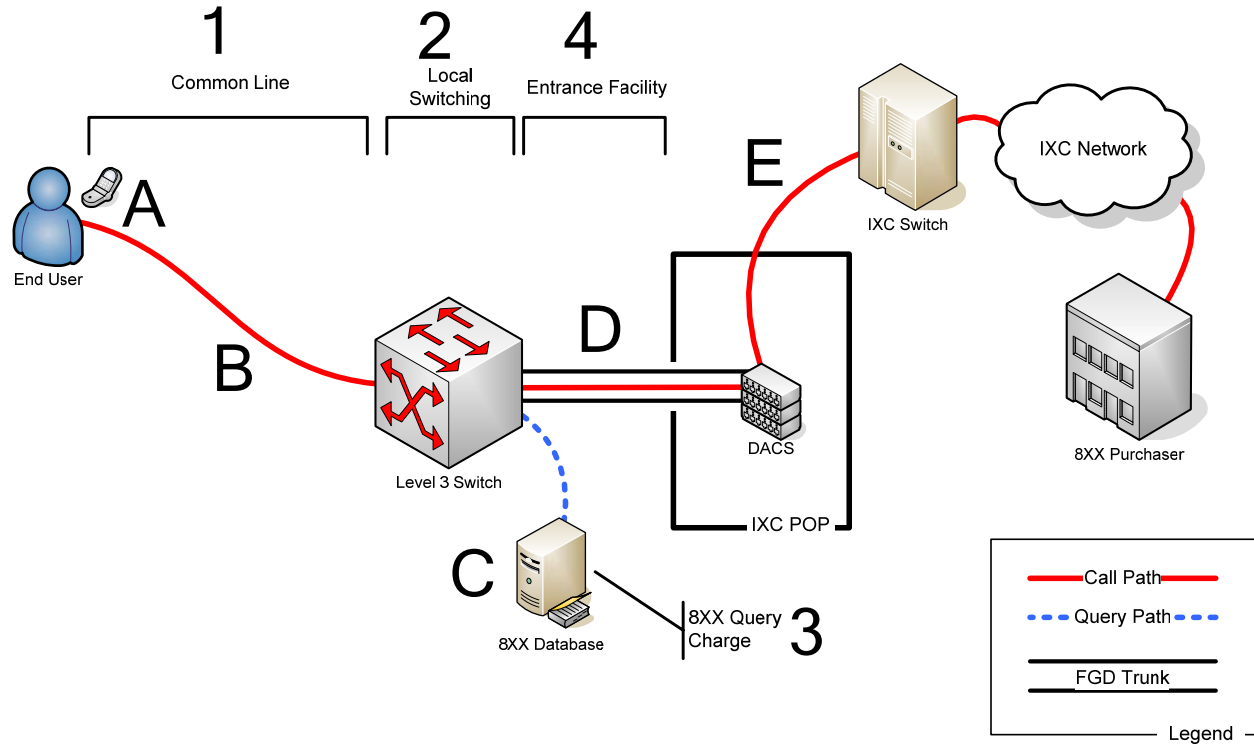
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SWITCHED ACCESS SERVICES

**SECTION 16 – CALL FLOW DIAGRAMS (CONT'D)**

Originating Access Service  
Calls completed directly to the IXC



- A. End User dials 8XX number.
  - B. Call Routes to Level 3 End Office.
  - C. Level 3 Switch looks up IXC that should receive the call.
  - D. Call is routed across FGD Trunks to Digital Cross Connect System in IXC POP.
  - E. Call is routed to IXC Switch which routes call across IXC network to customer that purchased the 8XX service.
- Level 3 charges Carrier Common Line (1), Local Switching (2), 8XX Query Charge (3), and Entrance Facility (4) per its tariff .

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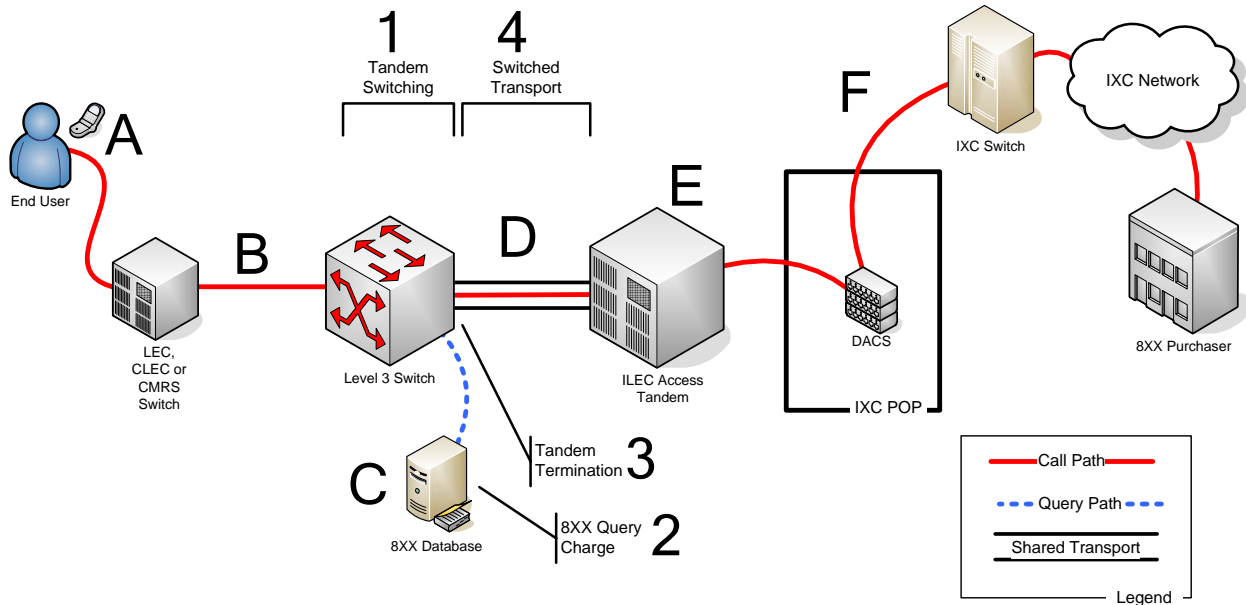
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## SWITCHED ACCESS SERVICES

**SECTION 16 – CALL FLOW DIAGRAMS (CONT'D)**

## Toll Free Inter-Exchange Delivery Service

Calls completed indirectly to the IXC via the Incumbent LEC's Access Tandem



- A. End User dials 8XX number.
  - B. LEC, CLEC, or CRMS carrier has agreement with Level 3 and the Incumbent LEC to deliver 8XX Traffic to IXCs.
  - C. Level 3 Switch looks up IXC that should receive the call.
  - D. Call is routed across Shared Transport to Incumbent LEC's Access Tandem.
  - F. Incumbent LEC routes call to IXC Feature Group D Trunk.
  - F. Call is routed to IXC Switch which routes call across IXC network to customer that purchased the 8XX service.
- Level 3 charges IXC Tandem Switching (1), 8XX Query Charge (2), Tandem Termination (3) and Switched Transport (4) per its tariff.
  - The Originating and Incumbent Tandem Carriers may bill the IXC for services that they perform on the call path.

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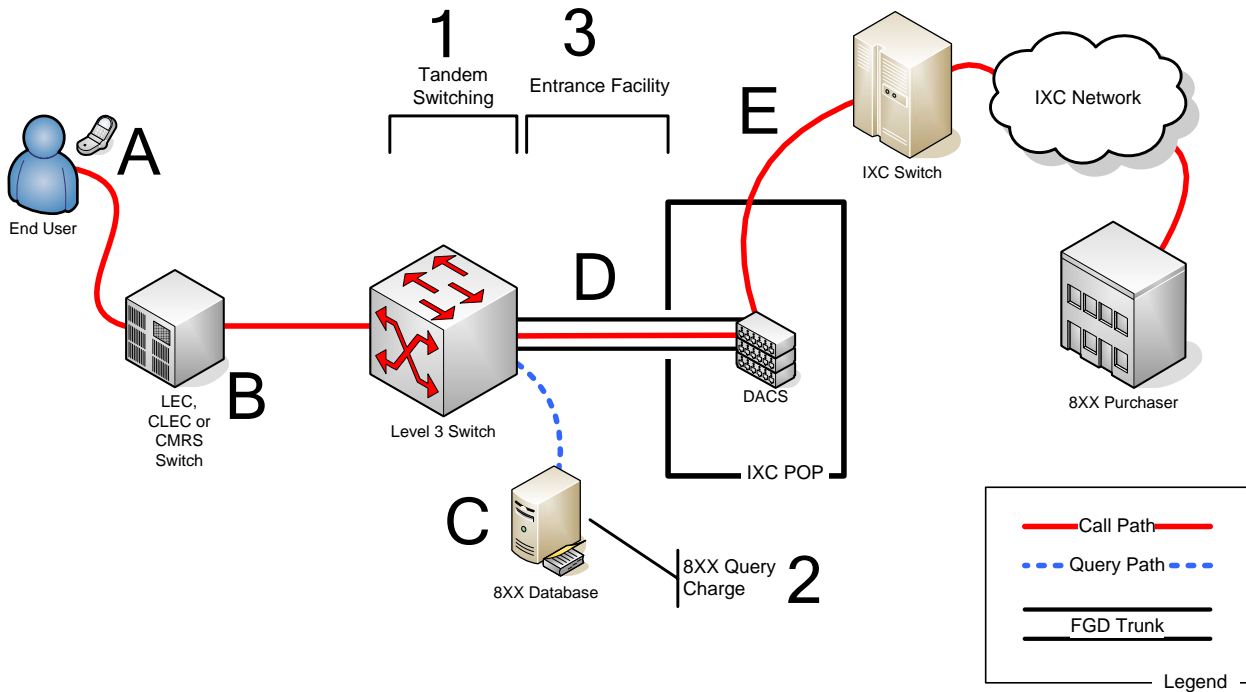
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Level 3 Communications, LLC  
1025 Eldorado Boulevard  
Broomfield, Colorado 80021

SWITCHED ACCESS SERVICES

**SECTION 16 – CALL FLOW DIAGRAMS (CONT'D)**

Toll Free Inter-Exchange Delivery Service  
Calls completed directly to the IXC



- A. End User dials 8XX number.
  - B. LEC, CLEC, or CRMS carrier has agreement with Level 3 to deliver 8XX Traffic to IXCs.
  - C. Level 3 Switch looks up IXC that should receive the call.
  - D. Call is routed across FGD Trunks to Digital Cross Connect System in IXC POP.
  - E. Call is routed to IXC Switch which routes call across IXC network to customer that purchased the 8XX service.
- Level 3 charges IXC Tandem Switching (1), 8XX Query Charge (2) and Entrance Facility(3) per its tariff .
  - The Originating Carrier may bill the IXC for services that they perform on the call path.

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