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STATE OF COLORADO  
PUBLIC UTILITIES COMMISSION

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2008 FEB 12 AM 10:44

February 11, 2008

***VIA OVERNIGHT MAIL***

Mr. Doug Dean, Director  
Colorado Public Utilities Commission  
1560 Broadway, Ste 250  
Denver, CO 80202

RE: Advice Letter 22 - Level 3 Communications, LLC's Revisions to Colorado PUC Tariff No. 3

Dear Mr. Dean:

The following pages are submitted for filing with your Commission on behalf of Level 3 Communications, LLC. This filing revises the following:

- Add definitions of "End User" and "Toll Free" to the tariff;
- Add Toll Free Inter-Exchange Delivery Service;
- Clarify the types of traffic subject to Level 3's proposed Toll Free services;
- Clarify the application of and rate elements applicable to the two interconnection options available under the tariff – Direct Connect and Tandem Connect;
- Provide call-flow diagrams depicting the possible scenarios under which a carrier will utilize Level 3's proposed services, how the services will be provided in those situations and the specific types of compensation due Level 3 or any other carrier in the call flow and;
- Disaggregate into individual rate elements, Level 3's Originating Access and Toll Free Inter-Exchange Delivery Services and clarify the application of each.

In specific the filing includes the following revised pages:

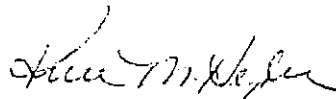
2 <sup>nd</sup> Revised Page 3	2 <sup>nd</sup> Revised Page 50	5 <sup>th</sup> Revised Page 58
2 <sup>nd</sup> Revised Page 6	2 <sup>nd</sup> Revised Page 51	3 <sup>rd</sup> Revised Page 59
2 <sup>nd</sup> Revised Page 7	3 <sup>rd</sup> Revised Page 52	Original Page 65
3 <sup>rd</sup> Revised Page 18	1 <sup>st</sup> Revised Page 52.1	Original Page 66
2 <sup>nd</sup> Revised Page 45	3 <sup>rd</sup> Revised Page 55	Original Page 67
2 <sup>nd</sup> Revised Page 48	5 <sup>th</sup> Revised Page 57	Original Page 68

These revisions are scheduled to become effective on February 28, 2008.

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Enclosed is one (1) original copy of the advice letter plus ten (10) copies and one (1) original plus three (3) copies of the tariff pages. Please date stamp the enclosed extra copy of this transmittal letter and return it in the self-addressed stamped envelope included. If you have any questions or concerns regarding this filing, you may contact me at 724-743-9719 or at [karen.hyde@level3.com](mailto:karen.hyde@level3.com).

Sincerely,



Karen M. Hyde  
Legal Department

Enclosure

Cc: Office of Consumer Counsel

LEVEL 3 COMMUNICATIONS, LLC

Colo. PUC TARIFF NO. 3  
Second Revised Page No. 3  
Cancels First Revised Page No. 3

SWITCHED ACCESS AND INTERCONNECTION SERVICES

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SWITCHED ACCESS AND INTERCONNECTION 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: Colorado Public Utilities 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]  
I  
[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 AND INTERCONNECTION 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.

[N]

[N]

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SWITCHED ACCESS AND INTERCONNECTION 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 14.2.8(C). [T]  
[N]  
[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.

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 AND INTERCONNECTION SERVICES

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**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]  
[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.

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.

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 15.1.3.4.3 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 AND INTERCONNECTION SERVICES

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

[M]

[M]

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SWITCHED ACCESS AND INTERCONNECTION 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 Interchange Carrier, provided that the Interchange 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]  
[N]  
[N]

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SWITCHED ACCESS AND INTERCONNECTION 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. [C]  
[C]

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 AND INTERCONNECTION SERVICES

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

14.2.7 Determination of Charges

- |     |   | [N]               | [M] |
|-----|---|-------------------|-----|
| (A) | Except as set forth in 14.2.7(B) below, the Originating Access, per minute charge(s) apply to:  | [T]               |     |
| 1.  | all Originating Access minutes of use, associated with calls places to 700 numbers, Toll Free 8YY and 900 numbers for which the Customer furnishes service.   | [T][N]            | [N] |
| 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.  | [T]               |     |
| (B) | <b>Exception:</b> 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, Tandem Switched Transport – Facility and Switched Termination. | [N]               |     |
| 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 14.2.8(C).   | [T]<br>[N]<br>[N] |     |
| 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.  | [T]<br>[T]<br>[T] |     |
|     |   | [D]               | [M] |

14.2.8 Other Rate Categories

(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. 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 Customer based on the dialed 800 number. In addition, the Customer has the option of selecting the 800 Optional Features Package. Any dial around compensation relating to pay telephones will be billed in accordance to procedures and rates prescribed by the Federal Communications Commission. The Company reserves the right to bill end users of its toll free service for any dial around compensation rates the Company may incur.

Certain material now appearing on this page previously appeared on First Revised Page 48.  
Certain material previously appearing on this page now appears on First Revised Page 52.1.

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Cancels Original Page No. 52.1

SWITCHED ACCESS AND INTERCONNECTION SERVICES

SECTION 14 – SWITCHED ACCESS SERVICE (CONT'D)

14.2.8 Other Rate Categories (Cont'd)

[T]

(A) Toll Free Data Base Access Service (Cont'd)

(1) Customer Identification Charge

[M]

The Toll Free Data Base Access Service Customer Identification Charge applies for the identification of the appropriate 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 Colorado.

(2) Customer Delivery Charge

The Toll Free Data Base Access Service Delivery Charge applies for the delivery of the dialed 800 ten-digit number. 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 Colorado.

[M]

(B) Pay Telephone Compensation

This surcharge is paid to Payphone Service Providers (PSP) when a toll free number is dialed from a pay phone and is carried over the Company's facilities to the Company's toll free customer. The surcharge is calculated on per call basis and the rate is mandated by the Federal Communications Commission, plus a factor to recover the company's administrative costs. A surcharge per call completed to a toll free customer of the Company, when the call is originated from a payphone, will be assessed on the toll free customer's invoice.

(C) Toll Free Inter-Exchange Delivery Service

[N]

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).

[N]

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**SWITCHED ACCESS AND INTERCONNECTION 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. 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, Port Charge, Carrier Common Line, and Tandem Switched Transport - Facility and may include a per mile rate.

[T]  
[T]

**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 AND INTERCONNECTION 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]

	<u>Per Access Minute of Use</u>	
15.1.3.4.1 Local End Office Switching	\$0.011764	
15.1.3.4.2 Carrier Common Line	\$0.009020	[T]
15.1.3.4.3 Port Charge	\$0.000036	[T]

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SWITCHED ACCESS AND INTERCONNECTION SERVICES

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

		Rate	
15.1.3.5	Originating Switched Access		
15.1.3.5.1	Carrier Common Line	\$0.009020	[N]
15.1.3.5.2	End Office Switching	\$0.012065	
15.1.3.5.3	End Office Port	\$0.001300	[N]
15.1.3.6	Toll Free Data Base Access Service		[T] [M]
	Customer Identification		
	- Per Query	\$0.003500	
	Customer Delivery Charge		
	- Per Query	\$0.003665	[N] [M]
15.1.3.7	Toll Free Inter-Exchange Delivery Service		[N]
15.1.3.7.1	Tandem Switching	\$0.005000	
15.1.3.7.2	Tandem Termination		
	0-8 Miles	\$0.000293	
	8-25 Miles	\$0.000376	
	25-50 Miles	\$0.000388	
	50+ Miles	\$0.000391	
15.1.3.7.3	Tandem Transport per Mile		
	0-8 Miles	\$0.000029	
	8-25 Miles	\$0.000034	
	25-50 Miles	\$0.000034	
	50+ Miles	\$0.000034	[N]
15.1.3.8	Pay Telephone Compensation		[T] [M]
	Per Call	\$0.53	[M]

Certain material now appearing on this page previously appeared on Second Revised Page 59.  
Certain material previously appearing on this page now appears on Third Revised Page 59.

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LEVEL 3 COMMUNICATIONS, LLC

Colo. PUC TARIFF NO. 3  
Third Revised Page No. 59  
Cancels Second Revised Page No. 59

SWITCHED ACCESS AND INTERCONNECTION SERVICES

SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.9	Tandem Switched Transport Usage Rates		[T]	[M]
		<u>Access Rate Per Minute</u>		
15.1.3.9.1	Switched Transport Usage		[T]	
	Terminating	\$0.000293		
	Originating:		[N]	
	0-8 Miles	\$0.000293		
	8-25 Miles	\$0.000376		
	25-50 Miles	\$0.000388		
	50+ Miles	\$0.000391	[N]	
15.1.3.9.2	Transport per Mile		[T]	
	Terminating	\$0.000029		
	Originating:		[N]	
	0-8 Miles	\$0.000029		
	8-25 Miles	\$0.000034		
	25-50 Miles	\$0.000034		
	50+ Miles	\$0.000034	[N]	
15.1.3.9.3	Tandem Switching Charge	\$0.005000	[T]	
15.1.3.9.4	Common Transport Multiplexing	\$0.000358	[N]	
15.1.3.10	Direct-Trunked Transport		[T]	
		<u>Monthly Recurring Rate</u>		
		<u>Fixed</u> <u>Per Mile</u>		
	-Voice Grade	\$25.96      \$0.17		
	-DS1	\$109.81      \$14.19		
	-DS3	\$714.84      \$78.90		[M]

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 and shall be filed with the Commission in accordance with § 40-15-105 C.R.S.

Certain material previously appearing on this page now appears on Fifth Revised Page 58.  
Certain material now appearing on this page previously appeared on Fourth Revised Page 58.

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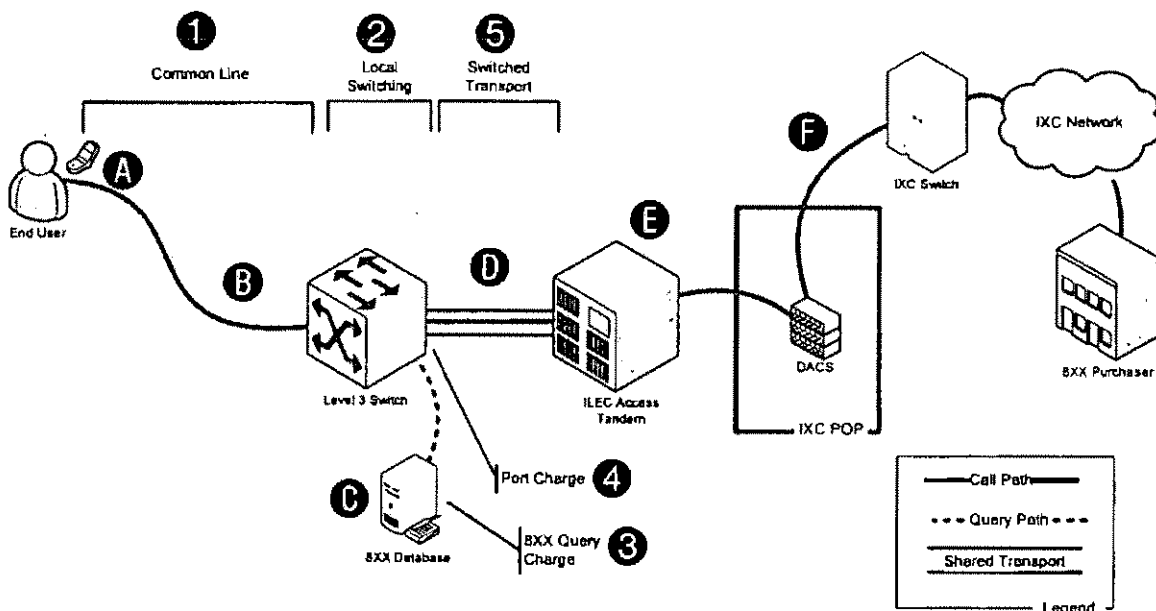


SWITCHED ACCESS AND INTERCONNECTION SERVICES

**SECTION 17 – CALL FLOW DIAGRAMS**

Originating Access Service

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



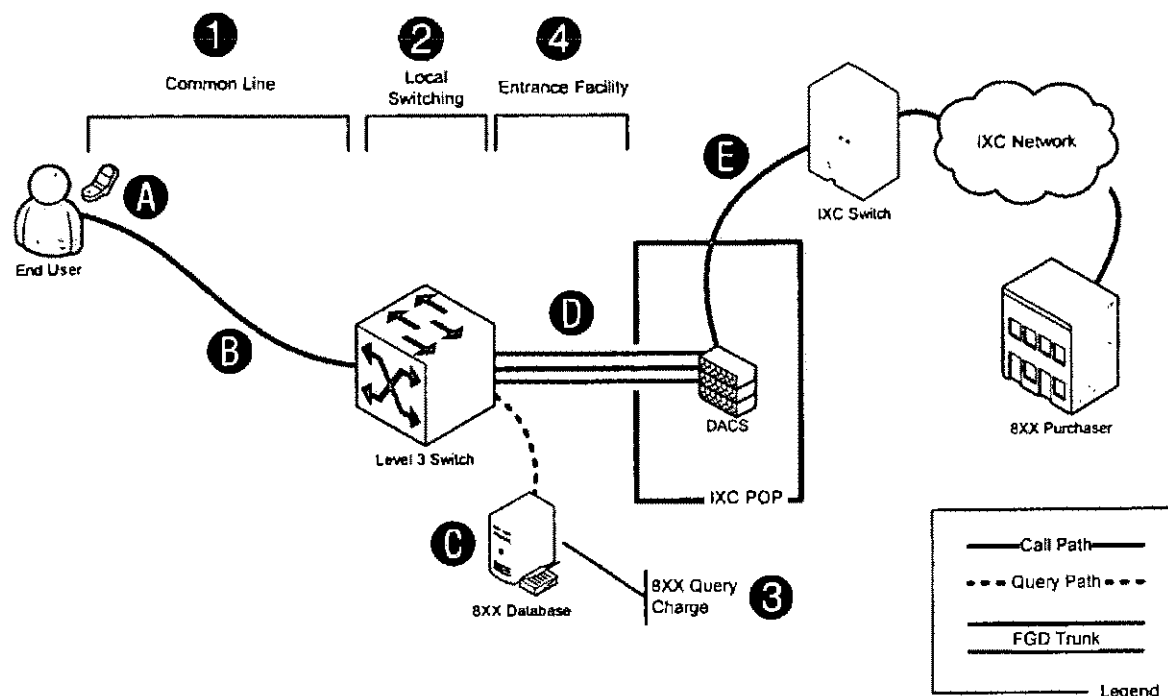
- End User dials 8XX number
- Call Routes to Level 3 Switch
- Level 3 Switch looks up IXC that should receive the call
- Call is routed across Shared Transport to Incumbent LEC's Access Tandem
- ILEC routes call to IXC Feature Group D Trunk
- Call is routed to IXC Switch which routes call across IXC 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

SWITCHED ACCESS AND INTERCONNECTION SERVICES

**SECTION 17 – CALL FLOW DIAGRAMS (CONT'D)**

Originating Access Service  
Calls completed directly to the IXC



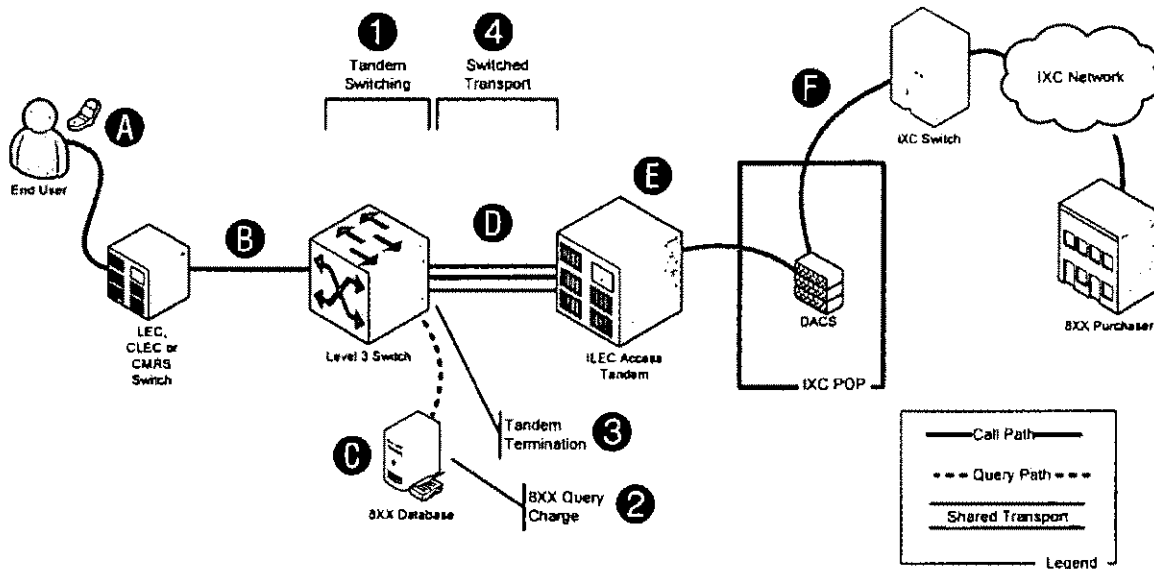
- A. End User dials 8XX number
- B. Call Routes to Level 3 End Office
- C. Level 3 Switch looks up IXC that should receive the call
- D. Call is routed across FGD Trunks to Digital Cross Connect System in IXC POP
- E. Call is routed to IXC Switch which routes call across IXC network to customer that 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

## SWITCHED ACCESS AND INTERCONNECTION SERVICES

**SECTION 17 – CALL FLOW DIAGRAMS (CONT'D)**

- Toll Free Inter-Exchange Delivery Service  
Calls completed indirectly to the IXC via the Incumbent LECs Access Tandem



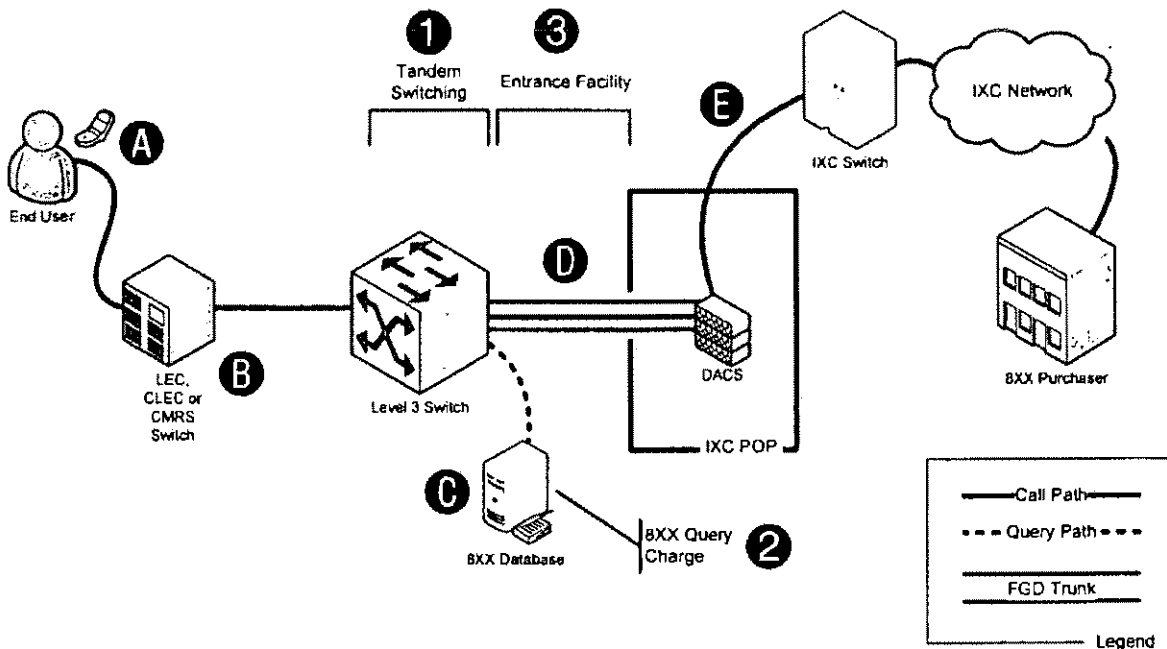
- A. End User dials 8XX number
  - B. LEC, CLEC, or CRMS carrier has agreement with Level 3 and the Incumbent LEC to deliver 8XX Traffic to IXCs
  - C. Level 3 Switch looks up IXC that should receive the call
  - D. Call is routed across Shared Transport to Incumbent LEC's Access Tandem
  - E. Incumbent 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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## SWITCHED ACCESS AND INTERCONNECTION SERVICES

SECTION 17 – 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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