

CHECK SHEET

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SECTION 1 - DEFINITION OF TERMS (CONT'D)

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 Judgment 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.

Line or Trunk: a transmission medium for communications, including but not limited to radio, satellite, wire, cable and optical fiber, including associated electronic or other equipment used to permit such medium to function.

Local Switch, Local Switching: "Local Switching" refers to any service or arrangement provided by the Company that is functionally equivalent to facilities and/or services normally referred to as "local switching" when purchased in connection with switched access services provided by an incumbent local exchange carrier. By way of illustration and not limitation, the term typically refers to Switching performed by a Local Exchange Carrier (including, without limitation, the Company) that routes traffic between an End User's Connection to the PSTN and either (a) a Customer's network (including by means of Company-provided connections between a Company Switch and the Customer's network) or (b) a Tandem Switch provided by the Company or a third party.

Loop: Lines, trunks, or other facilities connected to an End Office Switch that are used to provide a Connection to the PSTN.

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SECTION 1 - DEFINITION OF TERMS (CONT'D)

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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.

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.

PSTN: The public switched telephone network, sometimes referred to as the public switched network, consisting of the networks of all carriers that are interconnected with each other, directly or indirectly, and that route telephone calls to and from their entry and exit points on the network on the basis of 10-digit telephone numbers of the form NPA-NXX-XXXX.

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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 Third-Party 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.

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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. (T)

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.
- 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.
- 2.4.3 If the Company receives a request for a service offered under this Tariff that cannot be fulfilled due to a lack or shortage of facilities, the Company may agree with the entity requesting the service to undertake to construct or obtain the necessary facilities, in accordance with the terms of Section 11 of this Tariff.

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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 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, 8XX, 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. (C)
- 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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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 of 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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SECTION 3 – OBLIGATIONS OF THE CUSTOMER (CONT'D)**3.4.6 Identification and Rating of VoIP-PSTN Traffic**

This section governs the identification of VoIP-PSTN Traffic that is required to be compensated at interstate access rates unless the parties have agreed otherwise by the F.C.C. in its Report and Order in WC Dockets Nos. 10-90, etc., F.C.C. Release No. 11-161 (November 18, 2011) (F.C.C. Order). Specifically, this section establishes the method of separating VoIP-PSTN Traffic from the Customer's traditional intrastate access traffic, so that VoIP-PSTN Traffic can be billed in accordance with the F.C.C. Order. VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to the Company's applicable tariffed interstate switched access rates as set forth in Section 15, following.

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Calculation and Application of Percent-VoIP- Usage Factors

- a. The Company will determine the number of VoIP-PSTN Traffic minutes of use (MOU) to which interstate rates will be assessed by applying an originating Percent VoIP Usage (PVU) factor to the total intrastate access MOU originated by a Company end user and delivered to the Customer and by applying a terminating PVU factor to the total intrastate access MOU terminated by a Customer to the Company's end user.
- b. The Customer will calculate and furnish to the Company an originating PVU factor representing the whole number percentage of the Customer's total originating intrastate access MOU that the Customer exchanges with the Company in the LATA that is received from the Company and that is terminated in IP format and that would be billed by the Company as intrastate access MOU.
- c. The Customer will calculate and furnish to the Company a terminating PVU factor representing the whole number percentage of the Customer's total terminating intrastate access MOU that the Customer exchanges with the Company in the LATA that is sent to Company and which originated in IP format and that would be billed by the Company as intrastate access MOU.
- d. The Customer shall not modify their reported PIU factor to account for VoIP-PSTN Traffic.
- e. Both the Customer provided originating PVU and the terminating PVU shall be based on information such as the number of the Customer's retail VoIP subscriptions in the state (e.g. as reported on F.C.C. Form 477), traffic studies, actual call detail or other relevant and verifiable information which will be provided to the Company upon request.

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

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

- f. The Customer shall retain the call detail, work papers, and information used to develop the PVU factors for a minimum of one year. (M)
- g. The Company shall use default factors until such time as Customer supplies such factors. For this purpose, Company will utilize a PVU equal to the percentage of VoIP subscribers in the state based on the Local Competition Report, as released periodically and/or such other reports as the Company deems appropriate and reasonable. Under the Local Competition report methodology, the PVU will be the total number of incumbent LEC and non-incumbent LEC VoIP subscriptions in a state divided by the sum of those reported VoIP subscriptions plus incumbent LEC and non-incumbent LEC switched access lines.
- 3.4.7 The preceding section 3.4.6 will be applied to the billing of switched access charges to a Customer that is a local exchange carrier only to the extent that the Customer has also implemented billing of interstate access charges for VoIP-PSTN Traffic in accordance with FCC orders, rules and regulations.
- 3.4.8 Initial Implementation of PVU Factors
- a. If the PVU factors cannot be implemented in the Company's billing systems by December 29, 2011, once the factors can be implemented the Company will adjust the Customer's bills to reflect the PVU factors prospectively in the next bill period if the PVU factors are provided by the Customer to the Company prior to April 15, 2012.
- b. The Company may choose to provide credits based on the reported PVU factors on a quarterly basis until such time as the billing system modifications can be implemented.
- 3.4.9 PVU Factor Update
- The Customer may update the PVU factors quarterly using the method set forth in 3.4.6.1.c, preceding. If the Customer chooses to submit such updates, it shall forward to the Company, no later than 15 days after the first day of January, April, July and/or October of each year, revised PVU factors based on data for the prior three months, ending the last day of December, March, June and September, respectively. The revised PVU factors will serve as the basis for future billing and will be effective on the bill date of each such month and shall serve as the basis for subsequent monthly billing until superseded by new PVU factors. No prorating or back billing will be done based on the updated PVU factors. (M)

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SECTION 3 – OBLIGATIONS OF THE CUSTOMER (CONT'D)**3.4.10. PVU Factor Verification**

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- a. Not more than twice in any year, the Company may request from the Customer an overview of the process used to determine the PVU factors, the call detail records, description of the method for determining how the end user originates and terminates calls in IP format, and other information used to determine the Customer's PVU factors furnished to the Company in order to validate the PVU factors supplied. The Customer shall comply, and shall reasonably supply the requested data and information within 15 days of the Company's request.
- b. The Company may dispute the Customer's PVU factor based upon:
 - A review of the requested data and information provided by the Customer,
 - The Company's reasonable review of other market information, F.C.C. reports on VoIP lines, such as F.C.C. Form 477 or state level results based on the F.C.C. Local Competition Report or other relevant data.
 - A change in the reported PVU factor by more than five percentage points from the preceding quarter.
- c. If after review of the data and information, the Customer and the Company establishes revised PVU factors, the Company will begin using those revised PVU factors with the next bill period.

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SECTION 3 – OBLIGATIONS OF THE CUSTOMER (CONT'D)**3.4.10. PVU Factor Verification (Cont'd)**

d. If the dispute is unresolved, the Company may initiate an audit. The Company shall limit audits of the Customer's PVU factor to no more than twice per year. The Customer may request that the audit be conducted by an independent auditor. In such cases the associated auditing expenses will be paid by the Customer.

- In the event that the Customer fails to provide adequate records to enable the Company or an independent auditor to conduct an audit verifying the Customer's PVU factors, the Company will bill the usage for all contested periods using the most recent undisputed PVU factors reported by the Customer. These PVU factors will remain in effect until the audit can be completed.
- During the audit, the most recent undisputed PVU factors from the previous reporting period will be used by the Company.
- The Company will adjust the Customer's PVU factors based on the results of the audit and implement the revised PVU in the next billing period or quarterly report date, whichever is first. The revised PVU factors will apply for the next two quarters before new factors can be submitted by the Customer.
- If the audit supports the Customer's PVU factors, the usage for the contested periods will be adjusted to reflect the Customer's audited PVU factors.

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SECTION 4 – PAYMENT ARRANGEMENTS (CONT'D)**4.2.6 Switched Access Services Provided By More Than One Local Exchange Carrier****4.2.9.1 General.**

When Switched Transport service is provided by more than one Local Exchange Carrier, the carriers involved will mutually agree upon one of the billing methods below. The Multiple Bill Option will be used unless the Company specifies otherwise in writing. The Customer will place the ASR as specified in Section 12 of this Tariff.

4.2.9.2 Meet Point Billing.

Meet Point Billing is required when an access service is provided by multiple Local Exchange Carriers for FGB or FGD Switched Access services.

There are two Meet Point Billing Options – Single Bill and Multiple Bill. The Company shall notify the Customer of: (a) the Meet Point Billing Option that will be used; (b) the Local Exchange Carrier(s) that will render the bill(s); (c) the Local Exchange Carrier(s) to whom payment(s) should be remitted, and (d) the Local Exchange Carrier(s) that will provide the bill inquiry function.

The Company shall provide such notification at the time that an ASR is placed requesting access service. Additionally, the Company shall provide this notice in writing 30 days in advance of any change

4.2.9.2.1 Single Bill Option.

The Single Bill Option allows the Customer to receive one bill from one Local Exchange Carrier or its billing agent for access services.

The Local Exchange Carrier(s) that renders the bill to the Customer may provide to the Customer, cross references to the other Local Exchange Carrier(s) service and/or the common circuit identifiers based upon industry standards as contained in the Multiple Exchange Carrier Access Billing (MECAB) Guidelines. Should a billing dispute arise, the terms and conditions of the Billing Company(s) will apply.

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

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(x) The Initial Billing Company for FGB and FGD Switched Access services is normally the Local Exchange Carrier providing the End User's serving office and for WATS usage the Initial Billing Company is normally the WATS serving office. When the Initial Billing Company is other than the normally designated Local Exchange Carrier, the Local Exchange Carrier will notify the Customer.

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

- 13.8 Billing of Charges (T)
- 13.8.1 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 following. (T)
- 13.9 Determination of Charges (T)
- 13.9.1 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. (T)
- 13.9.2 Carrier Common Line Access per minute charge (s) apply to: (T)
- 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, 8XX and 900 numbers, less those originating access minutes of use associated with calls placed to 700, 8XX 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. (C)

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

- D. The originating Access, per minute charge(s) apply to:
- all originating access minutes of use,
 - all originating access minutes of use where the off-hook supervisory signaling is forwarded by the customer's equipment when the called party answers,
 - less all originating access minutes of use associated with calls placed to 700, 8XX and 900 numbers, (C)
 - less those originating access minutes of use associated with Mobile Telephone Switching Offices (MTSOs),
 - plus all originating access minutes of use associated with calls placed to 700, 8XX 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, and for which a corresponding reduction in the number of terminating access minutes of use has been made as set forth in (C) preceding. (C)

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SECTION 14 - SWITCHED ACCESS SERVICE (CONT'D)

When the 101-XXXX 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 Serving Arrangements

The following serving arrangements may apply to Switched Access Service, depending on which the Customer uses:

- A. Local Connect
- B. Tandem Connect
- C. Third-Party Tandem Connect

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SECTION 14 - SWITCHED ACCESS SERVICE

14.2.3 Serving Arrangements (Cont'd)

14.2.3.1 **Local Connect Switched Access Service.**

Local Connect Switched Access Service is a service in which the End User obtains a Connection to the PSTN from the Company, and the Customer connects with the Company at a point of interconnection at the end office where the End User has obtained a Connection to the PSTN. Unless the Customer chooses to provide its own facilities for connection, the Company will provide a connection (subject to the availability of facilities, as specified in Application of Tariff, Section 2.4.2, and Special Construction Section 11, above) between the Customer's Premises and the relevant Company switch. This transmission path will be dedicated to the use of a single Customer. Customer may specify a DS3 or DS1 connection. Higher or lower data rates may be available on a Special Construction basis as provided in Section 11 of this Tariff.

Local Connect Switched Access Service is comprised of: (i) charges for Entrance Facilities/Direct Trunked Transport and DS1 Switch Ports (at the customer side of the end office switch); (ii) if applicable, a charge for multiplexing traffic from one data rate to another; (iii) a per-minute local switching charge; (iv) a per-minute carrier common line charge; (v) if applicable due to overflow a charge for tandem switching and transport; and (vi) where applicable, a toll-free database query charge (for outbound toll-free calls where Level 3 provides the query function). These charges are set out in Section 15.1.3.4.11 of this Tariff.

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SECTION 14 - SWITCHED ACCESS SERVICE (CONT'D)**14.2.3.2 Tandem Connect Switched Access Service**

Tandem Connect Switched Access Service is service in which either (a) the End User obtains a Connection to the PSTN from the Company, or (b) the End-User obtains a connection to the PSTN from a third party whose network subtends the Company's network; and the Customer physically connects with the Company at a point of interconnection at one or more of the tandem switches serving the end offices for which the Customer desires to send or receive traffic. Unless the Customer chooses to provide its own facilities for connection, the Company will provide a connection (subject to the availability of facilities, as specified in Application of Tariff, 2.4.2, and 11.1.1, above) between the Customer's Premises and a Company point of interconnection in the same local access and transport area. This transmission path will be dedicated to the use of a single Customer. Customer may specify a DS3 or DS1 connection. Higher or lower data rates may be available on a Special Construction basis as provided in Section 11 of this Tariff.

A connection from a Customer's network to the Company tandem will provide connectivity to all Company end offices subtending that tandem and all third-party End Offices that subtend the specific Company tandem. The Company will provide Customers a list of its Tandem locations upon request, including a list of the Company and third-party End Offices that subtend each tandem.

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SECTION 14 - SWITCHED ACCESS SERVICE (CONT'D)

14.2.3.2	Tandem Connect Switched Access Service (Cont'd)	(M)
	<p>Tandem Connect Switched Access Service is comprised of:</p> <p>(i) charges for Entrance Facilities/Direct Trunked Transport and DS1 Switch Ports (at the Customer side of the tandem switch); (ii) if applicable, a charge for multiplexing traffic from one data rate to another; (iii) a per-minute Tandem Switching charge; and (iv) a per-minute Tandem Switched transport charge (capped at 10 miles of transport between the Tandem Switch and the end office switch); (v) as applicable a per minute local switching charge; (vi) an end office common trunk port charge; (vii) as applicable a per minute carrier common line charge; and (viii) as applicable, a toll free database query charge (for the outbound toll free calls where the Company provides the query function). These charges are set out in Section 15.1.3.4.12 of this Tariff. These charges are in addition to any applicable end office charges from the Company, as set out in Section 14.2.3.1, or the third-party network whose end office subtends the Company's tandem, as the case may be. If a third party that subtends the Company's network provides the End User's Connection to the PSTN, then billing by the Company and the third party shall be as specified in 4.2.9 above.</p>	(C)
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SECTION 14 - SWITCHED ACCESS SERVICE (CONT'D)

- 14.2.3.3 Third-Party Tandem Connect Switched Access* Service is provided in conjunction with a third-party provider of Tandem Switching in cases where the Company's Switch providing the End User's Connection to the PSTN subtends such third-party Tandem Switch. Third Party Connect Switched Access Service consists of circuits from the point of interconnection with the third-party tandem provider to the Company's End Office Switch. This Third Party Tandem Connect rate category is comprised of a Minutes of Use (MOU) based End-Office switching and Tandem Switched transport charges. Charges are computed in accordance with Section 4.2.9 preceding (Ordering, Rating, and Billing of Access Services Where More Than One Local Exchange Carrier is Involved). Subject to and as specified there, with Third Party Tandem Connect Switched Access Service, Customer will pay Company for End Office switching and port charges, and carrier common line charges, as set forth in Section 15.1.3.4.1 and Section 15.1.3.4.2, and, typically, an appropriate portion of transport mileage as set out in Section 15.1.3.4.3. Third-Party Tandem Connect Switched Access Service is available only with respect to (a) Company End Office switches that subtend a third party's tandem switch, and (b) on an incidental and transitional basis, Company End Offices that subtend a Company tandem, but where physical connections exist that permit the delivery of incidental traffic to the Company's End Office switch via the third party Tandem Switch. (M)
- The Company will provide, upon request, an identification of the Tandem Switch (Company or third party) that each of its End Offices subtends. The Company will also reflect the tandems that each of its End Offices subtends in the Local Exchange Routing Guide or successor industry document. (C)

* This service was previously known as "Tandem Connect" Service. (M)

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SECTION 14 – SWITCHED ACCESS SERVICE (CONT'D)**14.2.4 Entrance Facility/Direct Trunked Transport.**

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Local Connect and Tandem Connect arrangements require the establishment of a connection between the Customer's premises and the relevant Company switch(es). Such connection is established using an Entrance Facility/Direct Trunked Transport arrangement as described in this section.

14.2.4.1 Entrance Facility/Direct Trunked Transport. An Entrance Facility/Direct Trunked Transport element provides the communication path between a Customer's Premises and a Telephone Company switch for the sole use of the customer. As described in Section 15 of this Tariff, the Entrance Facility/Direct Trunked Transport element consists of a fixed monthly charge and a charge per mile per month, with mileage measured from the Customer's Premises to the relevant Telephone Company switch. This arrangement is required whether the Customer's Premises and relevant Telephone Company switch are located in the same or different buildings (although where they are in the same building a zero mileage rate would apply). Where facilities are available at the time of a Customer order, the Company will provide the Entrance Facility/Direct Trunked Transport at the rates specified in Sections 15.1.3.4.6 and 15.1.3.4.9, following. Where facilities are not available at the time of a Customer order, the Customer may self-provision a connection from its Premises to the applicable Company point of interconnection, or the Company may provide the Entrance Facility on a Special Construction basis as specified in Section 11, preceding.

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If a Customer has no Premises or facilities where a Company switch is located to which the Customer seeks to connect, the Company will arrange for transport from a mutually agreeable location where the Customer has Premises or facilities to where the relevant Company switch is located. Due to the variability of possible arrangements affected by this provision, the rate(s) applicable to any such arrangement will be developed on an individual basis in accordance with the provisions of Section 11 of this Tariff.

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SECTION 14 – SWITCHED ACCESS SERVICE (CONT'D)**14.2.4 Entrance Facility/Direct Trunked Transport. (Cont'd)**

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14.2.4.2 **Multiplexing.** The Company's switches use DS1 ports. A Customer may choose to deliver traffic to or receive traffic from the Company at the DS3 level, in which case multiplexing charges will apply as set forth in Section 15.1.3.4.5 following.

14.2.4.3 **Switch Port.** An Entrance Facility/Direct Trunked Transport arrangement will terminate in one or more DS1 ports on the relevant Company switch. Charges for these ports will apply as set forth in Section 15.1.3.4.10 following.

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SECTION 14 – SWITCHED ACCESS SERVICE (CONT'D)**14.2.8 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. The competitive pricing arrangement contracts, once executed, will be filed with the appropriate state utilities commission under proprietary agreement.

14.2.9 Other Rate Categories**14.2.9.1 Toll Free Data Base Access Service (C)**

Toll Free Data Base Access Service is a service utilizing originating Switched Access Service. When an 8XX + NXX + XXXX call is originated by an End User that obtains its Connection to the PSTN from the company, the Company will perform Customer identification based on screening of the full ten-digits of the 8XX number to determine the Customer location to which the call is to be routed. The Toll Free Data Base charge, which consists of a single, fixed rate element, applies on a per query basis. (C)

Chargeable Optional Feature

- (a) 8XX Data Base Access Service: The Customer will be charged a per query charge based on a query of the 8XX-NXX-XXXX dialed and/or delivered to the Customer in conjunction with 8XX Data Base Access Service. (C)

14.2.9.2 Toll Free Inter-Exchange Delivery Service (C)

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 15.1.3.4.8 is 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). (T)

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SECTION 14 – SWITCHED ACCESS SERVICE (CONT'D)

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.

14.4 Obligations of the Customer**(T)**

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 [reserved]**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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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 Local Connect:**

The rates that apply for Local Connect Switched Access Service are: (i) charges for Entrance Facilities/Direct Trunked Transport and DS1 Switch Ports (at the customer side of the end office switch); (ii) if applicable, a charge for multiplexing traffic from one data rate to another; (iii) a per-minute local switching charge; (iv) a per-minute carrier common line charge; and (v) where applicable, a toll-free database query charge (for outbound toll-free calls where Level 3 provides the query function); and (vi) if applicable due to overflow, tandem switching and transport charges. These charges are set out in Section 15.1.3.4.11 of this Tariff.

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SECTION 15 – RATES AND CHARGES**15.2 Rates for Switched Access Services (Cont'd)****15.1.1.2 Tandem Connect:**

The rates that apply for Tandem Connect Switched Access Service are: (i) charges for Entrance Facilities/Direct Trunked Transport and DS1 Switch Ports (at the customer side of the tandem switch); (ii) if applicable, a charge for multiplexing traffic from one data rate to another; (iii) a per-minute Tandem Switching charge; and (iv) a per-minute Tandem Switched transport charge (capped at 10 miles of transport between the Tandem Switch and the end office switch); (v) if applicable, a toll free database query charge (for the outbound toll free calls where Level 3 provides the query function); and (vi) if applicable end office rate elements. These charges are set out in Section 15.1.3.4.12 of this Tariff. These charges are in addition to any applicable end office charges from the Company, as set out in Section 14.2.3.1, or the third-party network whose end office subtends the Company's tandem, as the case may be. If a third party that subtends the Company's network provides the End User with Connection to the PSTN, then billing by the Company and the third party shall be as specified in 4.2.9 above.

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SECTION 15 – RATES AND CHARGES (Cont'd)

15.1.1.2 Third-Party Tandem Connect:

The rates that apply for Third-Party Tandem Connect service are:

(i) a tandem switched transport rate, as set out in section 15.1.3.4.5, determined in accordance with Section 4.2.9 of this tariff; and (ii) all applicable end office rates, as specified in Section 15.1.1.1 above (but not including entrance facility, direct trunk transport, or multiplexing charges where Company is not providing these functions).

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15.1.2 Billing of Access Minutes:

When recording originating calls over FGD with SS7 signaling, usage measurement begins with the transmission of the initial address message by the switch for Trunk groups associated with Local Connect Switched Access Service and with the receipt of an exit message by the switch for Trunk groups associated with Tandem Connect Switched Access Service or Third Party Tandem Connect Switched Access Service. 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 Customer's network. 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

Non-recurring Charge

DS0-Voice Grade	\$99.00
DS1	\$482.00
DS3	\$528.00

15.1.3.2 Change Charges (Per Order)

Per Occurrence

A. Service Date	\$10.00
B. Design Changes	\$25.00
C. Expedite Charge	\$60.00

15.1.3.3 Cancellation Charges (Per Order) \$25.00

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4 Switched Access Rates By State

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15.1.3.4.1 Carrier Common Line Rates (cont'd)

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RATES PER ACCESS MINUTE

Nebraska	\$0.0000
Nevada	\$0.0000
New Hampshire	\$0.0000
New Jersey	\$0.0000
New Mexico	\$0.0000
New York	\$0.0000
North Carolina	\$0.0000
North Dakota	\$0.0000
Ohio	\$0.0000
Oklahoma	\$0.0000
Oregon	\$0.0000
Pennsylvania	\$0.0000
Rhode Island	\$0.0000
South Carolina	\$0.0000
South Dakota	\$0.0000
Tennessee	\$0.0000
Texas	\$0.0000
Utah	\$0.0000
Vermont	\$0.0000
Virginia	\$0.0000
Washington	\$0.0000
West Virginia	\$0.0000
Wisconsin	\$0.0000
Wyoming	\$0.0000

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.2 Local End Office Switching Rates

	<u>RATES PER ACCESS MINUTE</u>	
	<u>Originating</u>	<u>Terminating</u>
Alabama	\$0.002126 (R)	\$0.000000
Alaska	\$0.0174	\$0.000000 (R)
Arizona	\$0.001974	\$0.000000
Arkansas	\$0.002563	\$0.000000
California	\$0.002620	\$0.000000
Colorado	\$0.001974	\$0.000000
Connecticut	\$0.003133	\$0.000000
Delaware	\$0.002406	\$0.000000
District of Columbia	\$0.002406	\$0.000000
Florida	\$0.002126 (R)	\$0.000000
Georgia	\$0.002126 (R)	\$0.000000
Hawaii	\$0.008820	\$0.000000
Idaho	\$0.001974	\$0.000000
Illinois	\$0.003116	\$0.000000
Indiana	\$0.003116	\$0.000000
Iowa	\$0.001974	\$0.000000
Kansas	\$0.002563	\$0.000000
Kentucky	\$0.002126 (R)	\$0.000000
Louisiana	\$0.002126 (R)	\$0.000000
Maine	\$0.002264	\$0.000000
Maryland	\$0.002406	\$0.000000
Massachusetts	\$0.002406	\$0.000000
Michigan	\$0.003116	\$0.000000
Minnesota	\$0.001974	\$0.000000
Mississippi	\$0.002126 (R)	\$0.000000
Missouri	\$0.002563	\$0.000000
Montana	\$0.001974	\$0.000000

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.2 Local End Office Switching Rates (Cont'd)

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	<u>RATES PER ACCESS MINUTE</u>	
	<u>Originating</u>	<u>Terminating</u>
Nebraska	\$0.001974	\$0.000000
Nevada	\$0.001342	\$0.000000
New Hampshire	\$0.002264	\$0.000000
New Jersey	\$0.002406	\$0.000000
New Mexico	\$0.001974	\$0.000000
New York	\$0.002406	\$0.000000
North Carolina	\$0.002126 (R)	\$0.000000
North Dakota	\$0.001974	\$0.000000
Ohio – CBT	\$0.0038625	\$0.000000
Ohio – Ameritech	\$0.003116	\$0.000000
Oklahoma	\$0.002563	\$0.000000
Oregon	\$0.001974	\$0.000000
Pennsylvania	\$0.002406	\$0.000000
Puerto Rico	\$0.001385	\$0.000000
Rhode Island	\$0.002406	\$0.000000
South Carolina	\$0.002126 (R)	\$0.000000
South Dakota	\$0.001974	\$0.000000
Tennessee	\$0.002126 (R)	\$0.000000
Texas	\$0.002563	\$0.000000
U.S. Virgin Islands	\$0.001892	\$0.000000
Utah	\$0.001974	\$0.000000
Vermont	\$0.002264	\$0.000000
Virginia	\$0.002406	\$0.000000
Washington	\$0.001974	\$0.000000
West Virginia	\$0.002406	\$0.000000
Wisconsin	\$0.003116	\$0.000000
Wyoming	\$0.001974	\$0.000000

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.2 Local End Office Switching Rates – Port Charge (Cont'd)

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	<u>RATES PER ACCESS MINUTE</u>	
	<u>Originating</u>	<u>Terminating</u>
Nebraska	\$0.000747	\$0.0000
Nevada	\$0.001663	\$0.0000
New Hampshire	\$0.001595	\$0.0000
New Jersey	\$0.001688	
New Mexico	\$0.000747	\$0.0000
New York	\$0.001688	
North Carolina	\$0.0008	\$0.0000
North Dakota	\$0.000747	\$0.0000
Ohio – CBT	\$0.000968	\$0.0000
Ohio – Ameritech	\$0.000371	\$0.0000
Oklahoma	\$0.0009	\$0.0000
Oregon	\$0.000747	\$0.0000
Pennsylvania	\$0.001688	
Puerto Rico	\$0.000073	\$0.0000 (R)
Rhode Island	\$0.001688	
South Carolina	\$0.0008	\$0.0000
South Dakota	\$0.000747	\$0.0000
Tennessee	\$0.0008	\$0.0000
Texas	\$0.0009	\$0.0000
U.S. Virgin Islands	\$0.000137	\$0.0000
Utah	\$0.000747	\$0.0000
Vermont	\$0.001595	\$0.0000
Virginia	\$0.001688	
Washington	\$0.000747	\$0.0000
West Virginia	\$0.001688	\$0.0000
Wisconsin	\$0.000371	\$0.0000
Wyoming	\$0.000747	\$0.0000

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.3 Switched Transport Usage Rates – Switched Transport (cont'd.)

15.1.3.4.3.3 Terminating – To Company End Office

	<u>Rates Per Access Minute</u>	<u>Rates Per Access Minute Per Mile</u>
Alabama	\$0.000000	\$0.000000
Alaska	\$0.000000	\$0.000000
Arizona	\$0.000000	\$0.000000
Arkansas	\$0.000000	\$0.000000
California	\$0.000000	\$0.000000
Colorado	\$0.000000	\$0.000000
Connecticut	\$0.000000	\$0.000000
Delaware	\$0.000000	\$0.000000 (R)
District of Columbia	\$0.000000	\$0.000000 (R)
Florida	\$0.000000	\$0.000000
Georgia	\$0.000000	\$0.000000
Hawaii	\$0.000000	\$0.000000
Idaho	\$0.000000	\$0.000000
Illinois	\$0.000000	\$0.000000
Indiana	\$0.000000	\$0.000000
Iowa	\$0.000000	\$0.000000
Kansas	\$0.000000	\$0.000000
Kentucky	\$0.000000	\$0.000000
Louisiana	\$0.000000	\$0.000000
Maine	\$0.000000	\$0.000000
Maryland	\$0.000000	\$0.000000
Massachusetts	\$0.000000	\$0.000000
Michigan	\$0.000000	\$0.000000
Minnesota	\$0.000000	\$0.000000
Mississippi	\$0.000000	\$0.000000
Missouri	\$0.000000	\$0.000000
Montana	\$0.000000	\$0.000000

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SECTION 15 – RATES AND CHARGES (CONT'D)**15.1.3.4.4 Switched Transport Usage Rates – Transport Interconnection (T)**
(Cont'd)

	<u>RATES PER ACCESS MINUTE</u>
Nebraska	\$0.0000
Nevada	\$0.0000
New Hampshire	\$0.0000
New Jersey	\$0.0000
New Mexico	\$0.0000
New York	\$0.0000
North Carolina	\$0.0000
North Dakota	\$0.0000
Ohio	\$0.0000
Oklahoma	\$0.0000
Oregon	\$0.0000
Pennsylvania	\$0.0000
Rhode Island	\$0.0000
South Carolina	\$0.0000
South Dakota	\$0.0000
Tennessee	\$0.0000
Texas	\$0.0000
Utah	\$0.0000
Vermont	\$0.0000
Virginia	\$0.0000
Washington	\$0.0000
West Virginia	\$0.0000
Wisconsin	\$0.0000
Wyoming	\$0.0000

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.5 Switched Transport Usage Rates – Tandem Switching & Multiplexing, (cont'd.)

15.1.3.4.5.3 Terminating – To Company End Office

	<u>RATES PER ACCESS MINUTE</u>	
	<u>Tandem Switching</u>	<u>Multiplexing DS3 to DS1</u>
Alabama	\$0.000000 (R)	N/A
Alaska	N/A	N/A
Arizona	\$0.000000 (R)	\$0.000000 (R)
Arkansas	\$0.000000	N/A
California	\$0.000000	\$0.000000 (R)
Colorado	\$0.000000	\$0.000000
Connecticut	\$0.000000	N/A
Delaware	\$0.000000	N/A
District of Columbia	\$0.000000	N/A
Florida	\$0.000000	\$0.000000
Georgia	\$0.000000 (R)	\$0.000000
Hawaii	\$0.000000	N/A
Idaho	\$0.000000 (R)	N/A
Illinois	\$0.000000	\$0.000000
Indiana	\$0.000000	N/A
Iowa	\$0.000000	N/A
Kansas	\$0.000000	N/A
Kentucky	\$0.000000	N/A
Louisiana	\$0.000000	N/A
Maine	\$0.000000	N/A
Maryland	\$0.000000	N/A
Massachusetts	\$0.000000	\$0.000000
Michigan	\$0.000000	\$0.000000
Minnesota	\$0.000000	N/A
Mississippi	\$0.000000	N/A
Missouri	\$0.000000	\$0.000000
Montana	\$0.000000 (R)	N/A

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.5 Switched Transport Usage Rates – Tandem Switching & Multiplexing, (cont'd.)

15.1.3.4.5.3 Terminating – To Company End Office, (cont'd.)

RATES PER ACCESS MINUTE

	<u>Tandem Switching</u>	<u>Multiplexing DS3 to DS1</u>
Nebraska	\$0.000000 (R)	N/A
Nevada	\$0.000000 (R)	N/A
New Hampshire	\$0.000000	N/A
New Jersey	\$0.000000	N/A
New Mexico	\$0.000000	N/A
New York	\$0.000000	\$0.0000
North Carolina	\$0.000000	N/A
North Dakota	\$0.000000	N/A
Ohio	\$0.000000	\$0.000000
Oklahoma	\$0.000000	N/A
Oregon	\$0.000000	N/A
Pennsylvania	\$0.000000	\$0.0000
Puerto Rico	\$0.000000	\$0.0000
Rhode Island	\$0.000000	N/A
South Carolina	\$0.000000	N/A
South Dakota	\$0.000000	N/A
Tennessee	\$0.000000	N/A
Texas	\$0.000000	\$0.0000
U.S. Virgin Islands	\$0.000000	N/A
Utah	\$0.000000	N/A
Vermont	\$0.000000	N/A
Virginia	\$0.000000	\$0.0000
Washington	\$0.000000	\$0.0000
West Virginia	\$0.000000	N/A
Wisconsin	\$0.000000	N/A
Wyoming	\$0.000000 (R)	N/A

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SECTION 15 – RATES AND CHARGES

15.1.3.4.1 Direct Trunked Transport (Cont'd)

(T)

	<u>Monthly</u>	<u>12 Mo.</u>	<u>36 Mo.</u>	<u>60 Mo.</u>
Illinois	Direct Trunked Transport			
DS1	\$32.00	\$14.00	\$12.84	\$11.80
DS3	\$351.00	\$132.84	\$121.77	\$110.70
	Direct Transport Channel Mileage (per mile)			
DS1	\$13.55	\$5.90	\$5.45	\$4.80
DS3	\$57.30	\$21.60	\$19.80	\$18.00
	<u>Monthly Recurring Charges</u>	<u>Fixed</u>	<u>Per Mile</u>	
Massachusetts	DS1	\$50.00	\$16.80	
	DS3	\$825.00	\$155.03	

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.1 Direct Trunked Transport (Cont'd)

(T)

	<u>Monthly Recurring Charges</u>	<u>Fixed</u>	<u>Per Mile</u>
Michigan	DS1	\$31.85	\$13.55
	DS3	\$294.00	\$54.18
Missouri	DS1	\$27.40	\$4.34
	DS3	\$556.00	\$36.80

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.1 Direct Trunked Transport (Cont'd)

(T)

	<u>Monthly Recurring Charges</u>	<u>Fixed</u>	<u>Per Mile</u>
New York	DS1	\$50.00	\$16.80
	DS3	\$825.00	\$155.03
Ohio	DS1	\$31.85	\$13.55
	DS3	\$294.00	\$54.18
Pennsylvania	DS1	\$46.66	\$14.25
	DS3	\$825.00	\$155.03
Puerto Rico	DS1	\$12.77	\$ 3.89
	DS3	\$110.34	\$31.66

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.1 Direct Trunked Transport (Cont'd)

(T)

<u>Monthly Recurring Charges</u>		<u>Fixed</u>	<u>Per Mile</u>
Texas	DS1	\$27.40	\$4.34
	DS3	\$556.00	\$36.80
U.S. Virgin Islands	DS1	\$78.44	\$ 1.40
	DS3	\$595.61	\$149.65
Virginia	DS1	\$46.66	\$14.25
	DS3	\$825.00	\$155.03
Washington	DS1	\$45.27	\$6.85
	DS3	\$412.09	\$45.79

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.7 Toll Free Data Base Access Service – Basic Query

(C)

	<u>Per Query</u>
Alabama	\$0.004210
Alaska	\$0.003700
Arkansas	\$0.002531
Arizona	\$0.004053
California	\$0.004777
Colorado	\$0.004053
Connecticut	\$0.003393
District of Columbia	\$0.004356
Delaware	\$0.004356
Florida	\$0.004210
Georgia	\$0.004210
Hawaii	\$0.008160
Idaho	\$0.004053
Illinois	\$0.002304
Indiana	\$0.002304
Iowa	\$0.004053
Kansas	\$0.002531
Kentucky	\$0.004210
Louisiana	\$0.004210
Maine	\$0.003702
Maryland	\$0.004356
Massachusetts	\$0.004356
Michigan	\$0.002304
Minnesota	\$0.004053
Mississippi	\$0.004210
Missouri	\$0.002531
Montana	\$0.004053
Nebraska	\$0.004053
Nevada	\$0.005177
New Hampshire	\$0.003702
New Jersey	\$0.004356
New Mexico	\$0.004053
New York	\$0.004356
North Carolina	\$0.004210
North Dakota	\$0.004053
Ohio	\$0.002391
Oklahoma	\$0.002531
Oregon	\$0.004053
Pennsylvania	\$0.004356

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SECTION 15 – RATES AND CHARGES (CONT'D)15.1.3.4.7 Toll Free Data Base Access Service – Basic Query (C)
(Cont'd)

	<u>Per Query</u>	
Puerto Rico	\$0.004141	
Rhode Island	\$0.004356	
South Carolina	\$0.004210	
South Dakota	\$0.004053	
Tennessee	\$0.004210	
Texas	\$0.002531	
Utah	\$0.004053	
U. S. Virgin Islands	\$0.007744	(N)
Vermont	\$0.003702	
Virginia	\$0.004356	
Washington	\$0.004053	
West Virginia	\$0.004356	
Wisconsin	\$0.002304	
Wyoming	\$0.004053	

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.9 Entrance Facilities [Note 1]

State	DS1	DS3	OC3
AZ	\$92.18	\$1083.53	\$619.68
CA	\$52.00	\$720.00	N/A
CO	\$92.18	\$1083.53	\$619.68
FL	\$168.00	\$1515.55	N/A
GA	\$168.00	\$1515.55	N/A
IL * see below			
MA	\$190.00	\$2310.00	\$2310.00
MI	\$158.00	\$702.00	\$15750.00
MO	\$98.64	\$1135.00	\$1135.00
NY	\$190.00	\$2310.00	\$2310.00
OH	\$135.79	\$1500.00	N/A
PA	\$190.00	\$2310.00	\$2310.00
PR [T]	\$18.73[N]	\$334.89[N]	N/A
TX	\$98.64	\$1135.00	\$1135.00
VA	\$190.00	\$2310.00	\$2310.00
VI	\$63.71	\$1,349.22	N/A
WA	\$92.18	\$1083.53	\$619.68

(N)

IL

	<u>Monthly</u>	<u>12 Mo.</u>	<u>36 Mo.</u>	<u>60 Mo.</u>	<u>Monthly Extension Rate</u>
DS1	\$158.00	\$125.00	\$60.00	\$58.00	
DS3		\$702.00	\$643.50	\$585.00	\$1260.00
DS3 012 Optical Pkg		\$15750.00	\$6125.00	\$3750.0	\$17325.00
DS3 024 Optical Pkg		\$23625.00	\$8750.00	\$5000.00	\$26000.00
DS3 Optical Channel	\$375.00				

Note 1: Entrance Facilities are available at the rates stated in this section only in those cases where the Company has facilities available at the time the Customer orders the Entrance Facilities. In those cases where the Company does not have facilities available to provide the requested Entrance Facilities to a Customer, Entrance Facility rates will be established on a Special Construction basis as specified in Section 11 preceding.

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.10 Dedicated Switch Port (per month)* (cont'd)

<u>State</u>	<u>DS0</u> <u>Originating</u>	<u>Terminating</u>	<u>DS1</u> <u>Originating</u>	<u>Terminating</u>	
PR			\$5.48	\$5.48	
RI	\$11.25	\$0.00			
SC	\$9.47	\$0.00	\$146.93	\$0.00	
SD	\$3.00	\$3.00			
TN	\$9.47	\$0.00	\$146.93	\$0.00	
TX	\$18.96	\$0.00			
UT	\$3.00	\$3.00			
VA	\$11.25	\$0.00			
VI	\$3.53	\$3.53			(N)
VT	\$6.83	\$6.83			
WA	\$3.00	\$3.00			
WI	\$4.92	\$0.00	\$118.09	\$0.00	
WV	\$12.50	\$0.00			
WY	\$3.00	\$3.00			

Dedicated Tandem Port (per month)

<u>State</u>	<u>DS0</u>	<u>DS1</u>	
CA	\$3.41	\$81.84	
CO	\$6.00	\$144.00	
GA	\$10.79	\$153.98	
IL	\$2.55	\$61.14	
PR	\$ 2.04		
VA	\$12.50	\$300.00	
VI	\$7.02		(N)

* The Dedicated Switch Port is billed as originating and terminating based on a Percent Originating Use (POU) factor of 50%.

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SECTION 15 – RATES AND CHARGES (CONT'D)**15.1.3.4.11 – Rates Applicable To Local Connect Service****15.1.3.4.11.1 Entrance Facility/Direct Trunked Transport**

To obtain Local Connect Service, the Customer must obtain a connection from its Premises to the Company local switch to which the Customer seeks to connect. To obtain that connection the Customer must purchase a combination of Entrance Facilities, Direct Trunked Transport, and DS1 switch ports, as well as multiplexing, if applicable. (C)

The Entrance Facility rate shall be the rate specified in Section 15.1.3.4.9 of this tariff for the state in which the Customer's connection to the Company switch shall be made at the data rate chosen by the Customer (in states where multiple data rates are available). (C)

The Direct Trunked Transport rate shall be applied per DS1-level, DS-3 level, or higher-level connection (for states in which multiple data rate options are available), at the appropriate per-month and per-mile rate(s) specified in Section 15.1.3.6 of this tariff for the state in which the Customer's connection to the Company switch shall be made. The Per Mile amounts shall be charged monthly and shall be calculated based on the distance between the Customer's premises and the Company local switch to which the Customer seeks to connect, calculated in accordance with Section 10 of this Tariff. (C)

15.1.3.4.11.2 Multiplexing

The Company's network normally requires traffic delivered to its switches at the DS1 level. If a Customer chooses to obtain multiplexing/demultiplexing services to convert DS3 to DS1 level signaling, the Customer may obtain that service from the Company at the rates stated in Section 15.1.3.4.5 for the state in which is located the Company switch to which the Customer seeks to connect. These rates apply per minute of traffic multiplexed or demultiplexed. If no rate is provided for the location where the Customer desires to obtain service, or if the Customer requires multiplexing or demultiplexing of data rates other than DS3-DS1, the Company may provide such services in accordance with the terms of Section 11, Special Construction.

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SECTION 15 – RATES AND CHARGES (CONT'D)**15.1.3.4.11 – Rates Applicable To Local Connect Service (Cont'd)****15.1.3.4.11.3 Switch Ports**

(M)

For each DS1 port terminating at the relevant Company local switch, a DS1 switch port charge shall apply as follows: (a) For Company switches located in Florida, Georgia, Illinois or Michigan, the rate specified for a DS1 Dedicated Switch Port in Section 15.1.3.4.10 shall apply; (b) For Company switches located in Arizona, California, Colorado, Massachusetts, Missouri, New York, Ohio, Pennsylvania, Texas, Virginia, or Washington (state), the rate shall be the rate specified for a DS0 Dedicated Switch Port in Section 15.1.3.4.10, multiplied by twenty-four (24); (c) For Company switches located in any other state, a per-minute-of-use port charge, as specified in Section 15.1.3.4.2 shall apply.

15.1.3.4.11.4 Per-Minute End Office Rates

For each minute of use (originating or terminating) a Customer transmits to or receives from a Company switch, the per-minute-of-use charges stated in Sections 15.1.3.4.1 and 15.1.3.4.2 shall apply (based on the state in which the Company switch is located), except that the per-minute-of-use port charges as specified there shall only apply to the extent stated in Section 15.1.3.4.11.3, above.

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SECTION 15 – RATES AND CHARGES (CONT'D)**15.1.3.4.11 – Rates Applicable To Local Connect Service (con't)****15.1.3.4.11.5 Tandem Switched and Transport Rates**

(N)

For each minute of use (originating and terminating) a Customer transmits to or receives from a Company switch, the per minute-of-use charges stated in Sections 15.1.3.4.3 and 15.1.3.4.5 shall apply, as applicable (based on the state in which the Company tandem switch is located),

(N)

15.1.3.4.11.6 Database Query Rates

(T)

To the extent that End Users originate toll free calls that are routed via Local Connect Service, the Company shall charge for database queries it conducts for a Customer at the rates set forth in Section 15.1.3.4.7.

15.1.3.4.12 – Rates Applicable To Tandem Connect Service**15.1.3.4.12.1 Entrance Facility/Direct Trunked Transport**

To obtain Tandem Connect Service, the Customer must obtain a connection from its Premises in a local access and transport area in which a Company Tandem Switch is located, to that tandem switch. To obtain that connection the Customer must purchase a combination of Entrance Facilities, Direct Trunked Transport, and DS1 switch ports, as well as multiplexing, if applicable. The Company will provide a Customer with a list of its Tandem Switch locations upon request, including a list of the Company and third-party End Offices that subtend each tandem.

The Entrance Facility rate shall be the rate specified in Section 15.1.3.4.9 of this tariff for the state in which the Company Tandem Switch to which the connection shall be made is located, at the data rate chosen by the Customer (in states where multiple data rates are available)..

The Direct Trunked Transport rate shall be applied per DS1-level DS-3 level, or higher-level connection (for states in which multiple data rate options are available), at the appropriate per-month and per-mile rate(s) specified in Section 15.1.3.6 of this tariff for the state in which the Company Tandem Switch to which the connection shall be made is located. The Per Mile amounts shall be charged monthly and shall be calculated based on the distance between the Customer's premises in the local access and transport area in which the Company Tandem Switch is located, and that switch, calculated in accordance with Section 10 of this Tariff.

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SECTION 15 – RATES AND CHARGES (CONT'D)**15.1.3.4.12 – Rates Applicable To Tandem Connect Service (Cont'd)****15.1.3.4.12.2 Multiplexing**

The Company's network normally requires traffic delivered to its switches at the DS1 level. If a Customer chooses to obtain mutliplexing/demultiplexing services to convert DS3 to DS1 level signaling, the Customer may obtain that service from the Company at the rates stated in Section 15.1.3.4.5 for the state in which is located the Company tandem switch to which the Customer seeks to connect. These rates apply per minute of traffic multiplexed or demultiplexed. If no rate is provided for the location where the Customer desires to obtain multiplexing service, or if the Customer requires multiplexing or demultiplexing of data rates other than DS3-DS1, the Company may provide such services in accordance with the terms of Section 11, Special Cosntruction.

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SECTION 15 – RATES AND CHARGES (CONT'D)**15.1.3.4.12 – Rates Applicable To Tandem Connect Service (con't)****15.1.3.4.12.3 Switch Ports**

For each DS1 port terminating at a Company tandem, a DS1 switch port charge shall apply as follows: (a) For Company Tandem Switches located in Florida, Georgia, Illinois or Michigan, the rate specified for a DS1 Dedicated Switch Port in Section 15.1.3.4.10 shall apply; (b) For Company switches located in Arizona, California, Colorado, Massachusetts, Missouri, New York, Ohio, Pennsylvania, Texas, Virginia, or Washington (state), the rate shall be the rate specified for a DS0 Dedicated Switch Port specified in Section 15.1.3.4.10, multiplied by twenty-four (24); (c) For Company switches located in any other state, a per-minute-of-use port charge, as specified in Section 15.1.3.4.2 shall apply. Please note that the Company does not maintain Tandem Switches in all states. The Company will provide a Customer with a list of its Tandem Switch locations upon request, including a list of the Company and third-party End Offices that subtend each tandem.

15.1.3.4.12.4 Per-Minute Tandem Switched Transport Rates

For each minute of use (originating or terminating) a Customer transmits to or receives from a Company tandem switch, the per-minute-of-use (including per-minute-per-mile) rates specified in Section 15.1.3.4.3 shall apply, except as specified below:

- The specific state rate(s) in Section 15.1.3.4.3 that shall apply to any specific minute of traffic shall be the rates applicable to the state in which the applicable Company or third party end office switch is located. For example, if a Customer delivers traffic to a Company tandem switch in Illinois for delivery to an End User that obtains a Connection to the PSTN via a Company End Office switch located in Ohio, the rates for Ohio specified in Section 15.1.3.4.3 shall apply to that traffic.
- For Company or third party end office switches located in a local access and transport area different from the one where the Company Tandem Switch is located, the “rates per access minute per mile” shall be calculated using mileage calculated in accordance with Section 10, but with mileage capped at ten (10) miles of transport.

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SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.12 – Rates Applicable To Tandem Connect Service (con't)

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15.1.3.4.12.5 Per-Minute End Office Rates

For each minute of use (originating or terminating) a Customer transmits to or receives from a Company end office switch via a Company Tandem Switch, the per-minute-of-use charges stated in Sections 15.1.3.4.1 and 15.1.3.4.2 shall apply (based on the state in which the Company end office switch is located), except that the per-minute-of-use port charges as specified there shall only apply to the extent stated in Section 15.1.3.4.12.3, above.

15.1.3.4.12.6 Database Query Rates

To the extent that End Users originate toll free calls that are routed via Tandem Connect Service, the Company shall charge for database queries it conducts for a Customer at the rates set forth in Section 15.1.3.4.7.

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(M) Material moved from Page 83.

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Level 3 Communications, LLC
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