

Tariff Schedule Applicable to
Access Services

Telecommunications Services Furnished by

LUMOS NETWORKS, LLC (“Lumos Networks”)

Toll-Free No.: 1-800-320-6144

Between Points Within the State of Maryland

Issued: 04/15/13

By:

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One Lumos Plaza
Waynesboro, Virginia 22980

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TARIFF FORMAT

- A. Page Numbering** - Page numbers appear in the upper right corner of the page. Pages are numbered sequentially. However, new pages are occasionally added to the tariff. When a new page is added between pages already in effect, a decimal is added. For example, a new page added between Page 14 and 15 would be 14.1.
- B. Page Revision Numbers** - Revision numbers also appear in the upper right corner of each page. These numbers are used to determine the most current page version on file with the Commission. For example, the 4th revised Page 14 cancels the 3rd revised Page 14.
- C. Paragraph Numbering Sequence** - There are various levels of paragraph coding. Each level of coding is subservient to its next higher level:
- 2
 - 2.1
 - 2.1.1
 - 2.1.1.1
- D. Check Sheets** - When a tariff filing is made with the Commission, an updated Check Sheet accompanies the tariff filing. The Check Sheet lists the pages contained in the tariff, with a cross-reference to the current revision number. When new pages are added, the Check Sheet is changed to reflect the revision. An asterisk designates all revisions made in a given filing (*). There will be no other symbols used on this page if these are the only changes made to it (i.e., the format, etc. remain the same, just revised revision levels on some pages). The tariff user should refer to the latest Check Sheet to find out if a particular page is the most current on file with the Commission.

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CHECK SHEET

Sheets inclusive of this tariff are effective as of the date shown at the bottom of the respective sheet(s). Original and revised sheets as named below comprise all changes from the original tariff and are currently in effect as of the date on the bottom of this sheet.

PAGE	NUMBER OF REVISION	PAGE	NUMBER OF REVISION
1	Original	26	Original
2	Original	27	Original
3	Fifth *	28	Original
4	Original	29	Original
5	Original	30	Original
6	Original	31	Original
7	Original	32	Original
8	Original	33	Original
9	Original	34	Original
10	Original	35	Original
11	Original	36	Original
12	Original	37	Original
13	Original	38	Fifth *
14	Original		
15	Original		
16	Original		
17	Original		
18	Original		
19	Original		
20	Original		
21	Original		
21.1	Original		
21.2	Original		
21.3	Original		
22	Original		
23	Original		
24	Original		
25	Original		

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MDa0403

TABLE OF CONTENTS

1 GENERAL.....5
1.1 Explanation of Symbols.....5
1.2 Application of the Tariff.....5
1.3 Definitions6
2 RULES AND REGULATIONS8
2.1 Undertaking of the Company8
2.2 Obligations of the Customer8
2.3 Liability of the Company12
2.4 Application for Service16
2.5 Payment for Service18
2.6 Allowance for Interruptions in Service19
2.7 Special Customer Arrangements19
2.8 Unlawful Use of Service20
2.9 Interference with or Impairment of Service21
2.10 Telephone Solicitation by Use of Recorded Messages21
2.11 Overcharge/Undercharge21
2.12 Identification and Rating of VoIP-PSTN Traffic21.1
3 DESCRIPTION OF SERVICES22
3.1 Individual Case Basis (“ICB”) Offerings.....22
3.2 Switched Access Service22
4 RATES AND CHARGES38

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MDa0403

SECTION 1 - GENERAL**1.1 Explanation of Symbols**

- (C) – To signify a changed regulation
- (D) – To signify a discontinued rate or regulation
- (I) – To signify an increase in a rate
- (M) – To signify text or rates relocated without change
- (N) – To signify a new rate or regulation or other text
- (R) – To signify a reduction in a rate
- (S) – To signify reissued regulations
- (T) – To signify a change in text but no change in rate
- (Z) – To signify a correction

1.2 Application of the Tariff

- 1.2.1** This tariff governs the Carrier's services that originate and terminate in Maryland. Specific services and rates are described elsewhere in this tariff.
- 1.2.2** The Company's services are available to Interexchange Carrier customers.
- 1.2.3** The Company's service territory and calling areas are consistent with Verizon Maryland's tariff.

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MDa0403

SECTION 1 - GENERAL, (CONT'D.)**1.3 Definitions**

- 1.3.1** “Carrier,” “Company” or “Utility” refers to Lumos Networks, LLC.
- 1.3.2** “Commission” means the Maryland Public Service Commission.
- 1.3.3** “Completed call” is a call which the Company’s network has determined has been answered by a person, answering machine, fax machine, computer modem device, or other answering device.
- 1.3.4** "Constructive Order" means delivery of calls to or acceptance of calls from the Customer's End Users over Company-switched local exchange services constitutes a Constructive Order by the Customer to purchase switched access services as described herein. Similarly, the selection of the Customer by an End User as the End User's PIC constitutes a Constructive Order for switched access by the Customer.
- 1.3.5** “Customer” means any person, firm, corporation, or governmental entity who has applied for and is granted service or who is responsible for payment of service.
- 1.3.6** "Interexchange Carrier (IXC or IC)" is a long distance telecommunications services provider that furnishes services between exchange areas.
- 1.3.7** “Service” means any telecommunications service(s) provided by the Carrier under this tariff.
- 1.3.8** “Station” means a telephone instrument consisting of a connected transmitter, receiver, and associated apparatus to permit sending or receiving telephone messages.
- 1.3.9** VoIP-PSTN Traffic: The term VoIP-PSTN Traffic denotes a customer’s interexchange toll voice traffic exchanged with the Telephone Company in Time Division Multiplexing format over PSTN facilities, which originates and/or terminates in Internet Protocol (IP) format. VoIP-PSTN Traffic originates and /or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premises equipment.

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SECTION 1 - GENERAL, (CONT'D.)
1.3 Definitions, (Cont'd.)

1.3.9 “Time period” means the interval of hours that distinguish day, evening, night, and weekend rate periods as indicated below:

Rate Periods	From	To, but not Including	Days
Weekdays	8:00 a.m.	5:00 p.m.	Monday-Friday
Evenings	5:00 p.m.	11:00 p.m.	Monday-Friday
	5:00 p.m.	11:00 p.m.	Sunday
Night/Weekends	11:00 p.m.	8:00 a.m.	Monday-Sunday
	8:00 a.m.	5:00 p.m.	Saturday-Sunday
	5:00 p.m.	11:00 p.m.	Saturday

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MDa0403

SECTION 2 - RULES AND REGULATIONS**2.1 Undertaking of the Company**

The Company undertakes to furnish switched or dedicated access communications service pursuant to the terms of this tariff. The furnishing of service under this tariff is subject to the availability on a continuing basis of all the necessary facilities and equipment and is limited to the capacity of the Company's facilities as well as facilities the Company may obtain from other carriers from time to time, to furnish service as required at the sole discretion of the Company.

2.2 Obligations of the Customer**2.2.1 The customer shall be responsible for:**

2.2.1.1 The payment of all applicable charges pursuant to this tariff;

2.2.1.2 Reimbursing the Company for damage to, or loss of, the Company's facilities or equipment caused by the acts or omissions of the customer; or the noncompliance by the customer, with these regulations, or by fire or theft or other casualty on the customer's premises unless caused by the negligence or willful misconduct of the employees or agents of the Company.

2.2.1.3 Providing at no charge, as specified from time to time by the Company, any needed space and power to operate the Company's facilities and equipment installed on the customer's premises.

2.2.1.4 Complying with all laws and regulations regarding the working conditions on the premises at which the Company's employees and agents shall be installing or maintaining the Company's facilities and equipment. The customer may be required to install and maintain the Company's facilities and equipment within a hazardous area if, in the Company's opinion, injury or damage to the Company's employees or property might result from installation or maintenance by the Company. The customer shall be responsible for identifying, monitoring, removing and disposing of any hazardous material prior to any construction or installation work.

2.2.1.5 Complying with all laws and regulations applicable to, and obtaining all consents, approvals, licenses and permits as may be required with respect to, the location of the Company's facilities and equipment in any customer premises for the purpose of installing, inspecting, maintaining, repairing, or upon termination of service as stated herein, removing the facilities or equipment of the Company.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**2.2 Obligations of the Customer, (Cont'd.)****2.2.1 The customer shall be responsible for: (Cont'd.)**

2.2.1.6 Making Company facilities and equipment available periodically for maintenance purposes at a time agreeable to both the Company and the customer. No allowance for interruptions in service will be made for the period during which service is interrupted for such purposes.

2.2.2 With respect to any service or facility provided by the Company, the customer shall indemnify, defend and hold harmless the Company from all claims, actions, damages, liabilities, costs and expenses for:

2.2.2.1 Any loss, destruction or damage to property of the Company or any third party, or injury to persons, including, but not limited to, employees or invitees of either the Company or the customer, to the extent caused by or resulting from the negligent or intentional act or omission of the customer, its employees, agents, representatives or invitees; or

2.2.2.2 Any claim, loss, damage, expense or liability for infringement of any copyright, patent, trade secret, or any proprietary infringement of any copyright, patent, trade secret, or any proprietary or intellectual property right of any third party, arising from any act or omission by the customer.

2.2.3 The customer is responsible for ensuring that customer-provided equipment connected to Company equipment and facilities is compatible with such equipment and facilities. The connection, operation, testing, or maintenance of such equipment shall be such as not to cause damage to the Company-provided equipment and facilities or injury to the Company's employees or other persons. Any additional protective equipment required to prevent such damage or injury shall be provided by the Company at the customer's expense.

2.2.4 The Company's services (as detailed in this tariff) may be connected to the services or facilities or other communications carriers only when authorized by, and in accordance with, the terms and conditions of the tariffs or contracts which are applicable to such connections.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**2.2 Obligations of the Customer, (Cont'd.)**

2.2.5 Upon reasonable notification to the customer, and at a reasonable time, the Company may make such tests and inspections as may be necessary to determine that the customer is complying with the requirements set forth in this tariff for the installation, operation, and maintenance of customer-provided facilities and equipment that is connected to Company-owned facilities and equipment.

2.2.6 Jurisdictional Reports

2.2.6.1 The jurisdictional reporting requirements will be as specified below. When a Customer orders Access Service, its projected Percent Interstate Usage (PIU) must be provided in whole numbers to the Company. These whole number percentages will be used by the Company to apportion the use and/or charges between interstate and intrastate until a revised report is received as set forth herein. Reported or default PIU factors are used only where the call detail is insufficient to determine the appropriate jurisdiction of the traffic.

2.2.6.1.A Originating Access: Originating access minutes consist of traffic originating from the Company Local Switching Center(s). The Customer must provide the Company with a projected PIU factor on an annual basis. If no PIU for originating minutes is submitted as specified herein, a default PIU of 50% will be applied by the Company.

2.2.6.1.B Terminating Access: Terminating access minutes consist of traffic terminating to the Company Local Switching Center(s). The Customer must provide the Company with a projected PIU factor on an annual basis. If no PIU for terminating minutes is submitted as specified herein, a default PIU of 50% will be applied by the Company.

2.2.6.1.C Except where the Company measured access minutes are used as set forth 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.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**2.2 Obligations of the Customer, (Cont'd.)****2.2.7 Jurisdictional Audits**

2.2.7.1 The Customer shall keep sufficient detail from which the percentages of interstate and intrastate use reported to the Company can be verified and upon request of the Company make such records available for inspection and audit. The customer must maintain these records for 24 months from the date the report became effective for billing purposes.

2.2.7.2 Initiation of an audit will be at the sole discretion of the Company. The audit shall be performed by an independent party selected by the Company. An audit may be initiated by the Company for a single customer no more than once per year. The Customer shall supply the required data within 30 calendar days of the Company request.

2.2.7.3 In the event that an audit reveals that any customer reported PIU was incorrect, the Company shall apply the audit result to all usage affected by the audit. The customer shall be backbilled or credited, for a period retroactive to the date that the incorrect percentage was reported, but not to exceed 24 months. Backbilled amounts are subject to a late payment penalty and payment shall be made in immediately available funds, within 31 days from receipt of bill or by the following bill date, whichever is a shorter period.

2.2.7.4 Should an audit reveal that the misreported percentage(s) of use has resulted in an underpayment of access charges to the Company of five percent or more of the total Switched Access Services bill, the customer shall reimburse the Company for the cost of the audit. Proof of cost shall be the bills, in reasonable detail submitted to the Company by the auditor.

2.2.7.5 Within 15 days of completion of the auditor's report, the Company will furnish a copy of the audit results to the person designated by the customer to receive such results.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**2.3 Liability of the Company**

2.3.1 In view of the fact that the customer has exclusive control over the use of service and facilities furnished by the Company, and because certain errors incident to the services and to the use of such facilities of the Company are unavoidable, services and facilities are furnished by the Company subject to the terms, conditions and limitations herein specified:

2.3.2 Service Irregularities

2.3.2.1 The liability of the Company for damages arising out of mistakes, omissions, interruptions, delays, errors or defects in transmission, or failures or defects in facilities furnished by the Company, occurring in the course of furnishing service or other facilities and not caused by the negligence of the customer, shall in no event exceed an amount equivalent to the proportionate charge to the customer for the service or facilities affected during the period such mistake, omission, interruption, delay, error or defect in transmission, or failure or defect in facilities continues after notice and demand to Company.

2.3.2.2 The Company shall not be liable for any act or omission of any connecting carrier, underlying carrier or local exchange Company except where Company contracts the other carrier; for acts or omission of any other providers of connections, facilities, or service; or for culpable conduct of the customer or failure of equipment, facilities or connection provided by the customer.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**2.3 Liability of the Company, (Cont'd.)****2.3.3 Claims of Misuse of Service**

2.3.3.1 The Company shall be indemnified and saved harmless by the customer against claims for libel, slander, fraudulent or misleading advertisements or infringement of copyright arising directly or indirectly from material transmitted over its facilities or the use thereof; against claims for infringement of patents arising from combining or using apparatus and systems of the customer with facilities of the Company; and against all other claims arising out of any act or omission of the customer in connection with the services and facilities provided by the Company.

2.3.3.2 The Company does not require indemnification from the customer where the action for which it is seeking indemnification is based on a claim of negligence by the Company.

2.3.4 Defacement of Premises

2.3.4.1 The Company is not liable for any defacement of, or damage to, the customer's premises resulting from the furnishing of service or the attachment of equipment and facilities furnished by the Company on such premises or by the installation or removal thereof, when such defacement or damage is not the result of negligence of the Company. For the purpose of this paragraph, no agents or employees of the other participating carriers shall be deemed to be agents or employees of the Company except where contracted by the Company.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**2.3 Liability of the Company, (Cont'd.)****2.3.5 Facilities and Equipment in Explosive Atmosphere, Hazardous or Inaccessible Locations**

2.3.5.1 The Company does not guarantee nor make any warranty with respect to installations provided by it for use in an explosive atmosphere. Company shall be indemnified, defended and held harmless by the customer from and against any and all claims, loss, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by the customer or by any other party, for any personal injury to or death of any person or persons, and for any loss, damage or destruction of any property, including environmental contamination, whether owned by the customer or by any other party, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, presence, condition, location, use or removal of any equipment or facilities or the service and not due to the gross negligence or willful misconduct of the Company.

2.3.6 Service at Outdoor Locations

2.3.6.1 The Company reserves the right to refuse to provide, maintain or restore service at outdoor locations unless the customer agrees in writing to indemnify and save the Company harmless from and against any and all loss or damage that may result to equipment and facilities furnished by the Company at such locations. The customer shall likewise indemnify and save the Company harmless from and against injury to or death of any person which may result from the location and use of such equipment and facilities.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)

2.3 Liability of the Company, (Cont'd.)

2.3.7 Warranties

2.3.7.1 THE COMPANY MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, EXCEPT THOSE EXPRESSLY SET FORTH HEREIN.

2.3.7.2 Acceptance of the provisions of Section 2.3 by the Commission does not constitute its determination that any disclaimer of warranties or representations imposed by the Company should be upheld in a court of law.

2.3.8 Limitation of Liability

2.3.8.1 Nothing in this tariff shall be construed to limit the Company's liability in cases of gross negligence or willful misconduct.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**2.4 Application for Service****2.4.1 Minimum Contract Period**

2.4.1.1 Except as otherwise provided, the minimum contract period is one month for all services furnished. However, if a new residential or single line business customer notifies the Company within twenty days after receipt of the first bill that certain services or equipment are not desired, the Company will delete such services or equipment from the customer's account without a record keeping or service ordering charge. The customer nonetheless shall be responsible for all monthly usage and installation charges incurred for the use of such service and equipment.

2.4.1.2 Except as provided in 2.4.2.1, the length of minimum contract period for directory listings, and for joint user service where the listing actually appears in the directory, is the directory period. The directory period is from the day on which the directory is first distributed to customers to the day the succeeding directory is first distributed to customers.

2.4.1.3 The Company may require a minimum contract period longer than one month in connection with special, non-standard types or arrangements of equipment, or for unusual construction, necessary to meet special demands for service.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)

2.4 Application for Service, (Cont'd.)

2.4.2 Cancellation of Service

2.4.2.1 Where the applicant cancels an order for service prior to the start of the installation or special construction of facilities, no charge shall apply, except to the extent the Company incurs a service order or similar charge from a supplying carrier, if any, prior to the construction.

2.4.2.2 Where the installation of facilities, other than those provided by special construction, has been started prior to cancellation, the lower of the following charge applies;

2.4.2.2.A The total costs of installing and removing such facilities; or

2.4.2.2.B The monthly charges for the entire initial contract period of the service ordered by the customer as provided in this tariff plus the full amount of any applicable installation and termination charges.

2.4.2.3 Where special construction of facilities has been started prior to the cancellation, and the Company has another requirement for the specially constructed facilities, no charge applies.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**2.5 Payment for Service**

- 2.5.1** Service will be billed directly by the Company on a monthly basis and is due and payable upon receipt or as specified on the customer's bill. Service will continue to be provided until canceled by the customer or discontinued by the Company as set forth in Section 2.14 of this tariff.
- 2.5.2** The customer is responsible for payment of all charges for service furnished to the customer. Charges based on actual usage during a month will be billed monthly in the month following the month in which the service was used. All fixed monthly and nonrecurring charges for services ordered will be billed monthly in advance.
- 2.5.3** The Company reserves the right to require from an applicant for service advance payments of fixed charges and nonrecurring charges. The advance payment will not exceed an amount equal to the nonrecurring charge(s) and one month's charges for the service or facility. In addition, where special construction is involved, the advance payment may also include an amount equal to the estimated nonrecurring charges for the special construction. The advance payment will be applied to any indebtedness for the service and facilities for which the advance payment is made on the customer's initial bill.
- Advanced payments for installation costs or special construction will be credited on the first bill in their entirety.
- 2.5.4** The Company will not collect attorney fees or court costs from customers.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**2.6 Allowance for Interruptions in Service**

2.6.1 Credit for failure of service or equipment will be allowed only when failure is caused by or occurs in equipment owned, provided, or billed for, by the Company. The Carrier agrees to abide by the regulations associated with interruptions in service as specified by Code of Maryland Regulations 20.45.05.09 as amended from time to time.

2.7 Special Customer Arrangements

In cases where a customer requests special or unique arrangements which may include but are not limited to engineering, conditioning, installation, construction, facilities, assembly, purchase or lease of facilities and/or other special services not offered under this tariff, the Company, may provide the requested services. Appropriate recurring charges and/or nonrecurring charges and other terms and conditions will be developed for the customer for the provisioning of such arrangements.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)

2.8 Unlawful Use of Service

2.8.1 Service shall not be used for any purpose in violation of law or for any use as to which the customer has not obtained all required governmental approvals, authorizations, licenses, consents, and permits. The Company shall refuse to furnish service to an applicant or shall disconnect the service without notice of a customer when:

2.8.1.1 An order shall be issued, signed by a judge finding that probable cause exists to believe that the use made or to be made of the service is prohibited by law, or

2.8.1.2 The Company is notified in writing by a law enforcement agency acting within its jurisdiction that any facility furnished by the Company is being used or will be used for the purpose of transmitting or receiving gambling information in interstate or foreign commerce in violation of the law.

2.8.2 If service has been physically disconnected by law enforcement officials at the customer's premises and if there is not presented to the Company the written finding of a judge, then upon written or verbal request of the subscriber, and agreement to pay restoral of service charges and other applicable service charges, the Company shall promptly restore such service.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)**2.9 Interference with or Impairment of Service**

Service shall not be used in any manner that interferes with other persons in the use of their service, prevents other persons from using their service, or otherwise impairs the quality of service to other customers. The Company may require a customer to immediately shut down its transmission of signals if said transmission is causing interference to others or impairing the service of others.

2.10 Telephone Solicitation by Use of Recorded Messages

2.10.1 Service shall not be used for the purpose of solicitation by recorded messages when such solicitation occurs as a result of unrequested or unsolicited calls initiated by the solicitor by means of automatic dialing devices. Such devices, with storage capability of numbers to be called or a random or sequential number generator that produces numbers to be called and having the capability, working alone or in conjunction with other equipment, of disseminating a prerecorded message to the number called and which are calling party or called party controlled, are expressly prohibited.

2.11 Overcharge/Undercharge

2.11.1 Overcharge/undercharge provisions will be in accordance with COMAR 20.45.04.01.

2.11.2 When a customer has been overcharged, the amount shall be refunded or credited to the customer.

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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)

2.12 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 the Company's Tariff F.C.C. No. 1.

Calculation and Application of Percent-VoIP-Usage Factor

The Company will determine the number of VoIP-PSTN Traffic minutes of use (MOU) to which interstate rates will be applied by applying a Percent VoIP Usage (PVU) factor to the total intrastate access MOU exchanged between a Company end user and the Customer. The PVU will be derived and applied as follows:

- a. The Customer will calculate and furnish to the Company a factor (PVU-A) representing the whole number percentage of the total intrastate and interstate access MOU that the Customer exchanges with the Company in the State that (i) is sent to the Company that originated in IP format or (ii) is received from the Company and terminated in IP format.
- b. The Company will calculate a factor (PVU-B) representing the whole number percentage of the Company's total intrastate and interstate access MOU in the State that originates or terminates in IP format.
- c. The Company will use the PVU-A and PVU-B factors to calculate a PVU factor that represents the percentage of total intrastate and interstate access MOU exchanged between a Company end user and the Customer that is originated or terminated in IP format, whether at the Company's end, at the customer's end or at both ends. The PVU will be the sum of (i) the PVU-A factor and (ii) the PVU-B factor times (1 minus the PVU-A factor). The Company will apply the PVU factor to the total intrastate access MOU exchanged with the Customer to determine the number of VoIP-PSTN Traffic MOUs.

Example 1: The PVU-B is 10% and the PVU-A is 40%. The PVU factor is equal to $40\% + (10\% \times 60\%) = 46\%$. The Company will bill 46% of the Customer's intrastate access MOU at its applicable interstate switched access rates.

SECTION 2 - RULES AND REGULATIONS, (CONT'D.)

Example 2: The PVU-B is 10% and the PVU-A is 0%. The PVU factor is equal to $0\% + (100\% \times 10\%) = 10\%$. The Company will bill 10% of the Customer's intrastate access MOU at the Company's applicable interstate switched access rates.

Example 3: The PVU-A is 100%. No matter what the PVU-B factor is, the PVU is 100%. The Company will bill 100% of the Customer's intrastate access MOU at the Company's applicable interstate switched access rates.

- d. The Customer shall not modify its reported PIU factor to account for VoIP-PSTN Traffic.
 - e. Both the PVU-A and the PVU-B factors shall be based on information such as the number of each party'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.
 - f. The Customer shall retain the call detail, work papers, and information used to develop the PVU-A factor for a minimum of one year.
 - g. If the Customer does not furnish the Company with a PVU-A as stated above pursuant to this Section, the Company will utilize a PVU equal to the PVU-B.
- 2.13 The preceding section 2.12 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.
- 2.14 Initial Implementation of PVU Factors
- a. If the PVU factor cannot be implemented in the Company's billing systems by December 29, 2011, once the factor can be implemented the Company will adjust the Customer's bills to reflect the applicable PVU factor retroactively to December 29, 2011. If the Company receives a PVU-A from the Customer prior to July 31, 2012, it will apply that PVU-A pursuant to the formula contained herein retroactive to December 29, 2011. If the Company does not receive a PVU-A prior to July 31, 2012, it will apply the default PVU retroactive to December 29, 2011 and will apply the PVU-A beginning on the next billing period following the Company's receipt of the PVU-A.

Lumos Networks, LLC

PSC MD Tariff No. 3
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SECTION 2 - RULES AND REGULATIONS, (CONT'D.)

- 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.

2.15 PVU Factor Update

The Customer may update the PVU-A factor quarterly using the method set forth herein. 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, a revised PVU-A factor based on data for the prior three months, ending the last day of December, March, June and September, respectively. The revised PVU-A factor 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-A factors.

2.16 PVU Factor Verification

Not more than twice in any year, the Company may ask the Customer to verify the PVU-A factor furnished to the Company, and the Customer may ask the Company to verify the PVU-B factor, and the respective calculations thereof. The party so requested shall comply, and shall reasonably provide the records and other information used to determine the applicable PVU-A and PVU-B factors. Notwithstanding the prior sentence, if the Customer updates its PVU-A more than twice in a year, the Company may seek to verify the PVU-A factor each time it is updated. In the event that the Customer fails to provide adequate records to enable the Company or an independent auditor to verify the Customer's PVU-A factor, the Company will continue using the most recent undisputed PVU-A factor reported by the Customer or, if no PVU-A has been provided, the default PVU.

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SECTION 3 - DESCRIPTION OF SERVICES**3.1 Individual Case Basis (“ICB”) Offerings**

3.1.1 The tariff may not specify the price of a service in the tariff as “ICB. The Company may or may not have an equivalent service in its the tariff on file with the Commission, and the quoted ICB rates may be different than the tariffed rates. An ICB must be provided under contract to a customer and the contract filed (can be under seal) with the Commission. All customers have non-discriminatory access to requesting the service under an ICB rate.

3.2 Switched Access Service**3.2.1 General**

3.2.1.1 Switched Access Service, which is available to Customers for their use in furnishing their services to End Users, provides a two-point communications path between a Customer's Premises and an End User's Premises. It provides for the use of common terminating, switching and trunking facilities, and for the use of common subscriber plant of the Company. Switched Access Service provides for the ability to originate calls from an End User's Premises to a Customer's Premises and to terminate calls from a Customer's Premises to an End User's Premises in the LATA where it is provided.

3.2.1.2 When a rate as set forth in this tariff is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).

3.2.1.3 In the absence of an ASR, delivery of calls to, or acceptance of calls from, the Customer's End User location(s) via Company-provided switched access services shall constitute a Constructive Order and an agreement by the Customer to purchase the Company's switched access services as described and priced herein.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.2 Manner of Provision**

3.2.2.1 Switched Feature Group (FG) Access is furnished for originating and terminating calls by the Customer to its End User. FG Access is furnished on a per-line or per trunk basis.

3.2.2.2 Originating traffic type represents access capacity within a LATA for carrying traffic from the End User to the Customer; and Terminating traffic type represents access capacity within a LATA for carrying traffic from the Customer to the End User. When ordering capacity for FG Access, the Customer must at a minimum specify such access capacity in terms of originating traffic type and/or terminating traffic type.

3.2.2.3 Feature Group Access is provisioned, at minimum, at the DS-1 level and provides line-side or trunk-side access to End Office switches, for the Customer's use in originating and terminating communications. Basic FG Access service will be provided with Multi-Frequency In Band Signaling (SS7 is also available, where capabilities exist).

3.2.2.4 Two types of Feature Group Access are available:

3.2.2.4.A Tandem Connect Access: This option applies when the customer has no direct facilities to the Company. All traffic is routed to and from Company's End Office via the Customer's tandem provider. Delivery of calls to, or acceptance of calls from, the Customer's End User location(s) via Company-provided Tandem Connect Access services shall constitute a Constructive Order and an agreement by the Customer to purchase the Company's switched access services as described and priced herein.

3.2.2.4.B Direct Connect Access: The Company will provide facilities between the Customer's premises and a Company End Office. This transmission path is dedicated to the use of a single Customer. The Company requires the Customer to submit an ASR or comparable documentation for Direct Connect Access. Direct Connect Access is provided on an Individual Case Basis as Special Service Arrangements pursuant to Section 6 of this tariff.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.3 Rate Categories**

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

- End Office Switching (includes Common Line and Switched Transport)
- Toll-Free 8XX Data Base Access Service
- Optional Features

3.2.3.1 End Office Switching

The Company combines traditional per minute switched access rate elements into a single composite per minute rate element. This element includes the following rate categories:

3.2.3.1.A Common Line

The Common Line rate category establishes the charges related to the use of Company-provided end user common lines by customers and end users for intrastate access.

3.2.3.1.B Switched Transport

The Switched Transport rate category establishes the charges related to the transmission and tandem switching facilities between the customer designated premises and the end office switch(es) where the customer's traffic is switched to originate or terminate the customer's communications. The Switched Transport rate category also includes transport between an end office which serves as host for a remote switching system or module (RSS or RSM) and the RSS or RSM..

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.3 Rate Categories, (Cont'd.)****3.2.3.1 End Office Switching, (Cont'd.)****3.2.3.1.C End Office Switching**

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

3.2.3.2 Toll-Free 8XX Data Base Query

The Toll-Free 8XX Data Base Query Charge, will apply for each Toll-Free 8XX call query received at the Company's (or its provider's) Toll-Free 8XX data base.

3.2.3.3 Switched Access Optional Features

Various optional features may be available and will be priced on an individual case basis.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.4 Access Ordering****3.2.4.1 General**

3.2.4.1.A Customers may order switched access through a Constructive Order, as defined herein, or through an ASR. The format and terms of the ASR will be as specified in the Industry Access Service Order Guidelines, unless otherwise specified herein.

3.2.4.1.B A Customer may order any number of services of the same type and between the same premises on a single ASR. All details for services for a particular order must be identical.

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

- .1** Customer name and Premises address(es);
- .2** Billing name and address (when different from Customer name and address); and
- .3** Customer contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)

3.2 Switched Access Service, (Cont'd.)

3.2.4 Access Ordering, (Cont'd.)

3.2.4.2 Access Service Date Intervals

3.2.4.2.A Access Service is provided with Standard or Negotiated Intervals

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

- .1** For service provided under a Standard Interval: The Standard Interval for Switched Service will be sixty (60) business days from the Application Date. This interval only applies to standard service offerings where there are pre-existing facilities to the Customer Premises. Access Services provided under the Standard Interval will be installed during Company business hours.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.4 Access Ordering, (Cont'd.)****3.2.4.2 Access Service Date Intervals, (Cont'd.)****3.2.4.2.B (Cont'd.)**

.2 For service provided under a Negotiated Interval: The Company will offer a Service Date based on the type and quantity of Access Services the Customer has requested. The Negotiated Interval may not exceed by more than six months the Standard Interval Service Date, or, when there is no Standard Interval, the Company offered Service Date, except as otherwise agreed by the Company in writing. The Company will negotiate a Service Date interval with the Customer when:

- (a)** The Customer requests a Service Date before or beyond the applicable Standard Interval Service Date; or
- (b)** There is no existing facility connecting the Customer Premises with the Company; or
- (c)** The Customer requests a service that is not considered by the Company to be a standard service offering (for example, if additional engineering or special construction is required to complete the order); or
- (d)** The Company determines that Access Service cannot be installed within the Standard Interval.

3.2.4.2.C All services for which rates are applied on an Individual Case Basis are provided with a Negotiated Interval.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.4 Access Ordering, (Cont'd.)****3.2.4.3 Access Service Request Modifications**

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

3.2.5 Special Construction or Special Service Arrangements

3.2.5.1 Subject to the agreement of the Company and to all of the regulations contained in this tariff, special construction of Company facilities or development of special service arrangements may be undertaken by the Company on a reasonable-efforts basis at the request of the Customer. Such construction or arrangements will be provided pursuant to regulations contained in Section 6 of this tariff.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.6 Obligations of the Company**

3.2.6.1 With regard to access services provided by the Company, specific Company responsibilities include, but are not limited to the following:

3.2.6.1.A Network Management

The Company will administer its network to ensure that provision of acceptable service levels to all telecommunications users of the Company's network services. Generally, service levels are considered acceptable only when both End Users and Customers are able to establish connections with minimal delay encountered within the Company network. The Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a Customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as a failure or overload of Company or Customer facilities, natural disasters, mass calling or national security demands.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.6 Obligations of the Company, (Cont'd.)****3.2.6.1 (Cont'd.)****3.2.6.1.B Design and Traffic Routing of Switched Access Service**

The Company shall design and determine the routing of Switched Access Service, including the selection of the first point of switching and the selection of facilities from the interface to any switching point and to the End Offices. The Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment.

Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment and the Company's traffic routing plans. If the Customer desires different routing or directionality than that determined by the Company, the Company will work cooperatively with the Customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.7 Obligations of the Customer**

3.2.7.1 The Customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are in addition to obligations specified in Section 2.9 of this tariff and are as follows:

3.2.7.1.A Report Requirements

Customers are responsible for providing the following reports to the Company, when applicable:

.1 Jurisdictional Reports

When a Customer orders Switched Access Service for both interstate and intrastate use, the Customer is responsible for providing reports as set forth in Section 2.9.2(c) preceding. Charges will be apportioned in accordance with those reports.

.2 Code Screening Reports

When a Customer orders service call routing, trunk access limitation or call gapping arrangements, the customer must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

3.2.7.1.B On and Off-Hook Supervision

The Customer=s facilities shall provide the necessary on and off-hook supervision for accurate timing of calls.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.8 Rate Regulations****3.2.8.1 General**

There are three type of rates and charges that apply to Switched Access Service provided by the Company. These are monthly recurring charges, usage charges, and nonrecurring charges.

3.2.8.2 Types of Charges

3.2.8.2.A Nonrecurring charges are one time charges that apply for a specific work activity (e.g., installation or change to an existing service). Non-recurring charges may apply for installation of service, installation of optional features and service rearrangements.

3.2.8.2.B Recurring Charges are flat monthly rates that apply for each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

3.2.8.2.C Usage Charges are rates that apply only when a specific rate element is used. These are applied on a per-access minute, a per-call or per-query basis. Usage rates are accumulated over a monthly period.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.8 Rate Regulations, (Cont'd.)****3.2.8.3 Measurement of Access Minutes**

3.2.8.3.A When recording originating calls over FG Access with multi-frequency 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 FG Access ends when the originating FG Access entry switch receives disconnect supervision from either the originating End User's End Office (indicating that the originating End User has disconnected), or from the Customer's facilities, whichever is recognized first by the entry switch.

3.2.8.3.B For terminating calls over FG Access with multi-frequency address signaling, the measurement of access minutes begins when a seizure signal is received from the Carrier's trunk group at the Point of Presence within the LATA. The measurement of terminating call usage over FG Access ends when a disconnect signal is received, indicating that either the originating or terminating user has disconnected.

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

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.8 Rate Regulations, (Cont'd.)****3.2.8.3 Measurement of Access Minutes, (Cont'd.)**

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

3.28.8.3.E Mileage, where applicable, will be measured in accordance with standard industry practices.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.8 Rate Regulations, (Cont'd.)****3.2.8.4 Moves**

3.2.8.4.A A move of services involves a change in the physical location of one of the following:

- .1** The point of termination at the Customer's Premises, or
- .2** The Customer's Premises

3.2.8.4.B The charges for the move are dependent on whether the move is to a new location within the same building or to a different building as described below:

.1 Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring charge for the capacity affected. There will be no change in the minimum period requirements.

.2 Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The Customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

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SECTION 3 - DESCRIPTION OF SERVICES, (CONT'D.)**3.2 Switched Access Service, (Cont'd.)****3.2.8 Rate Regulations, (Cont'd.)****3.2.8.5 Installation of Optional Features**

3.2.8.5.A If a separate nonrecurring charge applies for the installation of an optional feature available with Switched Access Service, the charge applies whether the feature is installed coincident with the initial installation of service or at any time subsequent to the initial installation of service.

3.2.8.5.B For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Switched Transport nonrecurring (i.e. installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply.

3.2.8.6 Service Rearrangements

3.2.8.6.A Service rearrangements are changes to existing services which do not result in either a change in the minimum period requirements or a change in the physical location of the point of termination at the Customer's premises or the Customer's End User's premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts.

3.2.8.6.B The charge to the Customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves an actual physical change to the service.

3.2.8.6.C Administrative changes will be made without charge(s) to the Customer. Such changes require the continued provision and billing of the Access Service to the same entity or change in jurisdiction.

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SECTION 4 - RATES AND CHARGES**4.1 Switched Access Service**

4.1.1 Originating Local Switching

Per Minute	\$0.02057
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4.1.2 Terminating Local Switching

Per Minute	\$0.00	(R)
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4.1.3 Toll Free 8XX Data Base Access Service

Per Query	\$0.0000
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4.2 Service Order Charges

Service Order Charges are non-recurring charges to recover the administrative costs associated with initiating Access Service.

4.2.1 Service Implementation

.1	Access Order Charge, per Access Request	\$60.00
.2	Installation Charge, per Trunk	\$115.00

4.2.2	Service Date Change, per Access Order	\$ 25.00
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4.2.3	Design Change/Partial Cancellation Charge Per Access Order	\$ 50.00
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