

# ARMSTRONG TELECOMMUNICATIONS, INC.

of

One Armstrong Place Butler,  
Pennsylvania 16001

RATES, RULES AND REGULATIONS FOR FURNISHING

INTRASTATE ACCESS SERVICE  
BETWEEN POINTS WITHIN THE STATE OF WEST VIRGINIA

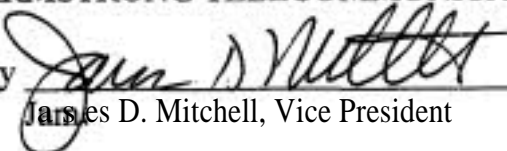
Filed with THE PUBLIC SERVICE COMMISSION of  
WEST VIRGINIA

Issued April 4, 2008

Effective for services provided on and after  
May 4, 2008, or as otherwise provided herein

Issued by authority of an Order of the  
Public Service Commission of West Virginia  
in Case No. 02-0423-T-CN dated  
June 5, 2002 or as otherwise provided herein.

ARMSTRONG TELECOMMUNICATIONS, INC.

By   
James D. Mitchell, Vice President

Issued by Authority of an Order of the P.S.C. of W.Va. in  
Case No. 080513-T-T Dated: 4/24/08

## ACCESS SERVICE

CHECK SHEET

The title page and pages 1 through 12-8 inclusive of this Tariff are effective as of the dates shown. Original and revised pages, as named below, comprise all changes from the original Tariff in effect on the date indicated.

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
Title Page` 1	Original	2-19	Original	6-1	Original
1	Seventh*	2-20	Original	7-1	Original
2	First	2-21	Original	8-1	Original
3	Original	2-22	Original	8-2	Original
4	Original	2-23	Original	8-3	Original
5	Original	2-24	Original	8-4	Original
6	Original	2-25	Original	8-5	Original
7	Original	2-26	Original	8-6	Original
8	Original	2-27	Original	8-7	Original
9	Original	3-1	Original	8-8	Original
10	Original	3-2	Original	8-9	Original
11	Original	3-3	Original	8-10	Original
1-1	Original	3-4	Original	8-11	Original
1-2	Original	3-5	Original	9-1	Original
1-3	Original	3-6	Original	10-1	Original
1-4	Original	4-1	Original	11-1	Original
1-5	Original	4-2	Original	12-1	Original
2-1	Original	4-3	Original	12-2	First
2-2	Original	4-4	Original	12-3	Fourth *
2-3	Original	4-5	Original	12-4	Original
2-4	Original	4-6	Original	12-5	Original
2-5	Original	4-7	Original	12-6	Original
2-6	Original	4-8	Original	12-7	Original
2-7	Original	4-9	Original	12-8	Second
2-8	Original	4-10	Original		
2-9	Original	4-11	Original		
2-10	Original	4-12	Original		
2-11	Original	4-13	Original		
2-12	Original	4-14	Original		
2-13	Original	4-15	Original		
2-13.1	First	4-16	Original		
2-13.1.1	Original	4-17	Original		
2-13.2	Third *	4-18	Original		
2-14	Original	5-1	Original		
2-15	Original	5-2	Original		
2-16	Original	5-3	Original		
2-17	Original				
2-18	Original				

Issued by authority of an Order of the Public Service Commission of West Virginia in Case No. 16-0757-T-T dated June 27, 2016, effective July 1, 2016.

Issued: June 1, 2016

Effective: July 1, 2016

Shawn Beqaj, Vice President  
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TABLE OF CONTENTS

TITLE PAGE ..... Title Page 1

CHECK SHEET ..... 1

TABLE OF CONTENTS ..... 2

CONCURRING CARRIERS ..... 9

CONNECTING CARRIERS ..... 9

OTHER PARTICIPATING CARRIERS ..... 9

REGISTERED SERVICE MARKS ..... 9

REGISTERED TRADEMARKS ..... 9

EXPLANATION OF SYMBOLS ..... 9

REFERENCE TO OTHER TARIFFS ..... 10

REFERENCE TO TECHNICAL PUBLICATIONS ..... 10

APPLICATION OF TARIFF ..... 11

1. DEFINITIONS ..... 1-1

2. REGULATIONS..... 2-1

    2.1 Undertaking of the Company .....2-1

        2.1.1 Scope .....2-1

        2.1.2 Shortage of Equipment or Facilities .....2-1

        2.1.3 Terms and Conditions .....2-1

        2.1.4 Liability of the Company ..... 2-2

        2.1.5 Notification of Service-Affecting Activities ..... 2-6

        2.1.6 Provision of Equipment and Facilities ..... 2-6

        2.1.7 Non-Routine Installation ..... 2-7

        2.1.8 Special Construction ..... 2-8

        2.1.9 Ownership of Facilities ..... 2-8

    2.2 Prohibited Uses .....2-9

    2.3 Obligations of the Customer .....2-9

        2.3.1 Customer Responsibilities ..... 2-9

        2.3.2 Claims .....2-11

        2.3.3 Jurisdictional Reporting .....2-11

        2.3.4 Identification and Rating of Toll VoIP-PSTN Traffic..... 2-13.1 (N)

Issued by authority of an Order of the Public Service Commission of West Virginia in Case No. 12-0089-T-T dated June 6, 2012, effective June 6, 2012.

Issued: January 27, 2012

Effective: June 6, 2012

James D. Mitchell, Vice President  
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TABLE OF CONTENTS (Cont'd)

2. REGULATIONS (Cont'd) ..... 2-1

2.4 Customer Equipment and Channels ..... 2-14

    2.4.1 In General ..... 2-14

    2.4.2 Interconnection of Facilities ..... 2-14

2.5 Payment Arrangements ..... 2-14

    2.5.1 Payment for Service ..... 2-14

    2.5.2 Billing and Collection of Charges ..... 2-15

    2.5.3 Deposits ..... 2-18

    2.5.4 Refusal and Discontinuance of Service ..... 2-19

    2.5.5 Cancellation of Application for Service ..... 2-23

    2.5.6 Late Payment Charge ..... 2-23

    2.5.7 Returned Check Charge ..... 2-24

2.6 Allowances for Interruptions in Service ..... 2-24

    2.6.1 Credit for Interruptions ..... 2-24

    2.6.2 Limitations on Allowances ..... 2-25

    2.6.3 Cancellation for Service Interruption ..... 2-26

2.7 Cancellation of Service ..... 2-26

2.8 Transfers and Assignments ..... 2-26

2.9 Notices and Communications ..... 2-27

TABLE OF CONTENTS (Cont'd)

3. ORDERING OPTIONS FOR ACCESS SERVICE ..... 3-1

    3.1 General ..... 3-1

        3.1.1 Ordering Conditions ..... 3-1

        3.1.2 Provision of Other Services ..... 3-1

        3.1.3 Constructive Ordering of Switched Access Services ..... 3-2

    3.2 Access Order ..... 3-3

        3.2.1 Access Service Requests ..... 3-3

        3.2.2 Access Service Date Intervals ..... 3-3

        3.2.3 Access Order Charge ..... 3-4

        3.2.4 Minimum Period of Service ..... 3-5

    3.3 Design Change Charge ..... 3-6

    3.4 Service Date Change Charge ..... 3-6

4. SWITCHED ACCESS SERVICE ..... 4-1

    4.1 General ..... 4-1

    4.2 Provision and Description of Switched Access Service Arrangements ..... 4-1

        4.2.1 Feature Group D (FGD) Access ..... 4-1

        4.2.2 Manner of Provision ..... 4-2

        4.2.3 Rate Categories ..... 4-2

        4.2.4 Descriptions and Application of Rates ..... 4-12

        4.2.5 Billing Validation Service ..... 4-13

        4.2.6 Acceptance Testing ..... 4-14

        4.2.7 Ordering Options and Conditions ..... 4-14

    4.3 Obligations of the Company .. , ..... 4-14

        4.3.1 Network Management. .... 4-14

    4.4 Switched Access Optional Features ..... 4-15

        4.4.1 Nonchargeable Optional Features ..... 4-15

        4.4.2 Feature Group D Optional Features ..... 4-16

TABLE OF CONTENTS (Cont'd)

5. END USER ACCESS SERVICE ..... 5-1

    5.1 End User Common Line ..... 5-1

        5.1.1 Limitations ..... 5-1

        5.1.2 Undertaking of the Company ..... 5-1

        5.1.3 Payment Arrangements and Credit Allowances ..... 5-1

        5.1.4 Rate Regulations ..... 5-2

6. CARRIER COMMON LINE ..... 6-1

7. SPECIAL CONSTRUCTION ..... 7-1

    7.1 Special Construction ..... 7-1

        7.1.1 Basis for Rates and Charges ..... 7-1

        7.1.2 Termination Liability ..... 7-1

    7.2 Individual Case Basis Arrangement ..... 7-1

TABLE OF CONTENTS (Cont'd)

8. MISCELLANEOUS SERVICES ..... 8-1

    8.1 Additional Labor ..... 8-2

        8.1.1 Overtime Installation ..... 8-2

        8.1.2 Overtime Repair ..... 8-2

        8.1.3 Standby ..... 8-2

        8.1.4 Testing and Maintenance with Other Telephone Companies ..... 8-2

        8.1.5 Other Labor ..... 8-2

    8.2 Testing Services ..... 8-3

        8.2.1 Switched Access Service ..... 8-3

        8.2.2 Special Access Service ..... 8-6

    8.3 Maintenance of Service ..... 8-7

    8.4 RESERVED FOR FUTURE USE ..... 8-8

    8.5 Presubscription - Presubscribed Interexchange Carrier Charge (PI CC) ..... 8-9

    8.6 Billing Name and Address - BNA ..... 8-10

        8.6.1 Undertaking of the Company ..... 8-10

        8.6.2 Obligations of the Customer ..... 8-11

        8.6.3 Usage Rates ..... 8-11

9. SPECIAL ACCESS SERVICE ..... 9-1

10. RESERVED FOR FUTURE USE ..... 10-1

11. RESERVED FOR FUTURE USE ..... 11-1

TABLE OF CONTENTS (Cont'd)

12. RATES AND CHARGES..... 12-1

    12.1 Switched Access ..... 12-1

        12.1.1 Switched Transport ..... 12-1

        12.1.2 EndOffice .....12-3

        12.1.3 Shared End Office Trunk Port .....12-3

        12.1.4 Dedicated End Office Trunk Port .....12-3

        12.1.5 SYY Database Access Service .....12-3

    12.2 End User Common Line (EUCL) Charge ..... 12-4

        12.2.1 Business Multiline Monthly Rate .....12-4

        12.2.2 Business Single Line and Primary Residence Monthly Rate .....12-4

        12.2.3 Additional Residence Monthly Rate .....~ .....12-4

        12.2.4 Basic ISDN Line Monthly Rate .....12-4

        12.2.5 Primary ISDN Line Monthly Rate .....12-4

    12.3 Service Orders .....12-5

        12.3.1 Switched Access Service Ordering Charge ..... 12-5

        12.3.2 Switched Access Connection Charge ..... 12-5

        12.3.3 Design Change Charge ..... 12-5

        12.3.4 Service Date Change Charge ..... 12-5



TABLE OF CONTENTS (Cont'd)

12. RATES AND CHARGES (Cont'd) ..... 12-1

    12.4 Miscellaneous Service .....12-6

        12.4.1 Additional Labor ..... 12-6

        12.4.2 Additional Testing ..... 12-6

        12.4.3 Maintenance of Service ..... 12-6

        12.4.4 RESERVED FOR FUTURE USE ..... 12-6

        12.4.5 Presubscription ..... 12-7

        12.4.6 Billing Name and Address ..... 12-7

    12.5 Special Access Service ..... 12-8

    12.6 Returned Check Charge ..... 12-8

    12.7 Carrier Common Line ..... 12-8

**ACCESS SERVICE**

CONCURRING CARRIERS

None

CONNECTING CARRIERS

None

OTHER PARTICIPATING CARRIERS

None

REGISTERED SERVICE MARKS

None

REGISTERED TRADEMARKS

None

EXPLANATION OF SYMBOLS

The following symbols shall be used in this tariff for the purpose indicated below:

- (C) Indicates Change in Text or Regulations
- (D) Indicates Rate Decrease
- (I) Indicates Rate Increase
- (M) Indicates Move in Location of Text
- (N) Indicates New Rate or Regulation
- (O) Indicates Omissions
- (T) Indicates Temporary Rate and/or Surcharge

Issued: April 4, 2008

Effective: May 4, 2008

James D. Mitchell, Vice President  
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One Armstrong Place, Butler, Pennsylvania 16001

**ACCESS SERVICE**

**REFERENCE TO OTHER TARIFFS**

Whenever reference is made in this tariff to other tariffs, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof.

The following tariffs are referenced in this tariff and may be obtained from the Federal Communications Commission and the West Virginia Public Service Commission:

National Exchange Carrier Association, Inc.  
Wire Center Information  
Tariff F.C.C. No.4

**REFERENCE TO TECHNICAL PUBLICATIONS**

Multiple Exchange Carrier Access Billing (MECAB) Guidelines

Issued: February 1998

Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines

Issued: March 2000

Access Service Order Guidelines (ASOG), ATIS Ordering and Billing Forum (OBF) ASR 001

Issued: April 4, 2008

Effective: May 4, 2008

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**ACCESS SERVICE**

APPLICATION OF TARIFF

This tariff sets forth the service offerings, rates, terms and conditions applicable to the furnishing of intrastate Switched Access service, intrastate Special Access Service and miscellaneous services related to the provision of Switched Access Service or Special Access Service by the Competitive Local Exchange Carrier (CLEC) operations of ARMSTRONG TELECOMMUNICATIONS, INC. (hereinafter "the Company").

Issued: April 4, 2008

Effective: May 4, 2008

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**ACCESS SERVICE****1. DEFINITIONS**

Certain terms used generally throughout this tariff for the Access services of this Company are defined below.

Access Code: A uniform seven-digit code assigned by the Company to an individual customer. The seven-digit code has the form 950-XXXX or 101XXXX.

Access Service: Switched Access to the network of an Interexchange Carrier for the purpose of originating or terminating communications.

Access Service Request (ASR): The industry Service Order format used by Access Service customers and access providers as agreed to by the Ordering and Billing Forum.

Access Tandem: An Exchange Carrier's switching system that provides a concentration and distribution function for originating or terminating traffic between local switching centers and customers' premises.

Advance Payment: Payment for all or part of a charge required before the start of service.

Alternate Access: Alternate Access has the same meaning as Local Access except that the provider of the service is an entity other than the Local Exchange Carrier authorized or permitted to provide such service. The charges for Alternate Access may be specified in a private agreement rather than in a published or special tariff if private agreements are permitted by applicable governmental rules.

Authorized User: A person, firm, corporation or other entity that either is authorized by the Customer to use Access Service or is placed in a position by the Customer, either through acts or omissions, to use Access Services.

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

Carrier or Common Carrier: see Interexchange Carrier or Exchange Carrier.

Channel(s): An electrical, or in the case of fiber optic-based transmission systems, a photonic communications path between two or more points of termination.

Common Channel Signaling (CCS): A high-speed packet switched communications network which is separate (out of band) from the public packet switched and message networks. It is used to carry addressed signaling messages for individual trunk circuits and/or database related services between signaling points in the CCS network.

Issued: April 4, 2008

Effective: May 4, 2008

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**ACCESS SERVICE****1. DEFINITIONS** (Cont'd)

Company: As used in this Tariff, Company shall refer to the facilities-based offerings of the Competitive Local Exchange Carrier (CLEC) operations of ARMSTRONG TELECOMMUNICATIONS, INC., which is the issuer of this tariff.

Conventional Signaling: The inter-machine signaling system has been traditionally used in North America for the purpose of transmitting the called number's address digits from the originating Local Switching Center which terminates the call. In this system, all of the dialed digits are received by the originating switching machine, a path is selected, and the sequence of supervisory signals and outpulsed digits is initiated. No overlap outpulsing ten-digit ANI ANI information digits, or acknowledgment link are included in this signaling sequence.

Customer: The person, firm, corporation or other entity which orders Service and is responsible for the payment of charges and for compliance with the Company's tariff regulations.

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

Duplex Service: Service which provides for simultaneous transmission in both directions.

8YY Toll Free Database Service: The term "8YY Toll Free Database Service" denotes a toll-free originating Trunkside Access Service when the 8YY service Access Code (i.e. 800, 822, 833, 844, 855, 866, 877 or 888 as available) is used.

End-user: Any individual, association, corporation, governmental agency or any other entity other than an Interexchange Carrier which subscribes to intrastate service provided by an Exchange Carrier.

Exchange Carrier: Any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged in the provision of local exchange telephone service.

Fiber Optic Cable: A thin filament of glass with a protective outer coating through which a light beam carrying communications signals may be transmitted by means of multiple internal reflections to a receiver, which translates the message.

Firm Order Confirmation (FOC): Acknowledgment by the Company of receipt of an Access service Request from the Customer and commitment by the Company of a Service Date.

Hub: The Company office where all customer facilities are terminated for purposes of interconnection to trunks and/or cross-connection to distant ends.

Individual Case Basis: A service arrangement in which the regulations, rates and charges are developed based on the specific circumstances of the Customer's situation.

Interexchange Carrier (IC) or Interexchange Common Carrier: Any individual, partnership, association, joint-stock company, trust governmental entity or corporation engaged in state or foreign communication for hire by wire or radio between two or more exchanges.

Issued: April 4, 2008

Effective: May 4, 2008

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## ACCESS SERVICE

### 1. DEFINITIONS (Cont'd)

Joint User: A person, firm or corporation designated by the Customer as a user of access facilities furnished to the Customer by the Company, and to whom a portion of the charges for such facilities are billed under a joint use arrangement.

Kbps: Kilobits, or thousands of Bits, per second.

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 for the provision and administration of communications services.

Line Information Database (LIDB): The database which contains billing information such as telephone numbers, calling card numbers and associated billed number restriction data used in connection with the validation and billing of calls.

Local Access: The connection between a customer's premises and a point of presence of the Exchange Carrier.

Local Switching Center: The switching center where telephone exchange service customer station Channels are terminated for purposes of interconnection to each other and to interoffice Trunks.

Mbps: Megabits, or millions of bits, per second.

Meet Point Billing: The arrangement through which multiple Exchange Carriers involved in providing Access Services, divide the ordering, rating, and billing of such services on a proportional basis, so that each Exchange Carrier involved in providing a portion of the Access Service agrees to bill under its respective tariff.

Network Services: The Company's telecommunications Access Services offered on the Company's network.

Non-Recurring Charges: The one-time initial charges for services or facilities, including, but not limited to charges for construction, installation, or specific fees, for which the Customer becomes liable at the time the Service Order is executed.

Off-Hook: The active condition of Switched Access or a telephone exchange service line.

On-Hook: The idle condition of Switched Access or a telephone exchange service line.

Issued: April 4, 2008

Effective: May 4, 2008

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**ACCESS SERVICE****1. DEFINITIONS** (Cont'd)

Out of Band Signaling: An exchange access signaling feature which allows customers to exchange call control and signaling information over a communications path which is separate from the message path.

Point of Presence: Location where the Customer maintains a facility for purposes of interconnecting to the Company's network.

Point to Point Service: An unswitched full time transmission service utilizing the Company's facilities to connect two or more Customer designated locations.

Premises: The space occupied by a Customer or Authorized User in a building or buildings or on contiguous property (except railroad rights-of-way, etc.).

Presubscription: An arrangement whereby an end user may select and designate to the Company an Interexchange Carrier (IXC) or Carriers it wishes to access, without an Access Code, for completing interLATA and intraLATA calls. The selected IXC(s) are referred to as the end user's Primary Interexchange Carrier (PIC). The end user may select any IXC that orders FGD Switched Access Service at the Local Switching Center that serves the end user.

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

Service Commencement Date: For Switched Access Service, 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 this tariff, in which case the Service Commencement Date is the date of the Customer's acceptance of service. The parties may mutually agree on a substitute Service Commencement Date. If the Company does not have an executed service Order from a Customer, the Service Commencement Date will be the first date on which the service or facility was used by the Customer.

Service Order: The written request for network services executed by the Customer and the Company in a format devised by the Company; or, in the alternative, the submission of an Access Service Request by the Customer in the manner specified in this tariff. The signing of a Service Order to submission of an ASR by the Customer and acceptance thereof by the Company initiates the respective obligations of the parties as set forth therein and pursuant to this tariff, but the duration of the service is calculated from the Service Commencement Date.

Service(s): The Company's telecommunications Access Services offered by the Company.

Shared Facilities: A facility or equipment system or subsystem which can be used simultaneously by several customers.



## ACCESS SERVICE

### 1. **DEFINITIONS** (Cont'd)

**Signaling Point of Interface:** The customer designated location where the SS7 signaling information is exchanged between the Company and the Customer.

**Signaling System 7 (SS7):** The common Channel Out of Band Signaling protocol developed by the Consultative Committee for International Telephone and Telegraph (CCITT) and the American National Standards Institute (ANSI).

**Signaling Transfer Point Access:** Allows the Customer to access a specialized switch which provides SS7 network access and performs SS7 messaging routing and screening.

**Special Access Service:** Dedicated access between a Customer's premises and another Point of Presence for the purpose of originating or terminating communications. Special Access is available to both carriers and end-users on an individual contract basis.

**Switched Access Service:** Access to the switched network of an Exchange Carrier for the purpose of originating or terminating communications. Switched Access is available to carriers, as defined in this tariff.

**Trunk:** A communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

Issued: April 4, 2008

Effective: May 4, 2008

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## ACCESS SERVICE

2. REGULATIONS2.1 Undertaking of the Company2.1.1 Scope

Access Services consist of furnishing communications service in connection with one-way or two-way information transmission between points within the State of West Virginia under the terms of this tariff. Access Services provided under this tariff include Switched Access Services described in Section 4 following and Special Access Services described in Section 9 following.

2.1.2 Shortage of Equipment or Facilities

- (A) 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.
- (B) The furnishing of service under this tariff is subject to the availability on a continuing basis of all the necessary facilities 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.
- (C) The provisioning and restoration of service in emergencies shall be in accordance with Part 64, Subpart D, Appendix A of the Federal Communication Commission's Rules and Regulations, which specifies the priority system for such activities.

2.1.3 Terms and Conditions

- (A) Except as otherwise provided herein, service is provided and billed on the basis of a minimum period of at least one month, and shall continue to be provided until canceled by the Customer, in writing, in not less than 30 days notice. Unless otherwise specified herein, for the purpose of computing charges in this tariff, a month is considered to have 30 days.
- (B) Customers may be required to enter in written Service Orders which shall contain or reference the name of the Customer, a specific description of the Service Ordered; the rates to be charged, the duration of the services, and the terms and conditions in this tariff. The Customer will also be required to execute any other documents as may be reasonably requested by the Company.

## ACCESS SERVICE

2. REGULATIONS (Cont'd)2.1 Undertaking of the Company (Cont'd)2.1.3 Terms and Conditions (Cont'd)

- (C) At the expiration of the initial term specified in each Service Order, or in any extension thereof, service shall continue on a month to month basis at the then current rates unless terminated by either party upon 30 days written notice. Any termination shall not relieve the Customer of its obligation to pay any charges incurred under the Service Order and this tariff prior to termination. The rights and obligations which by their nature extend beyond the termination of the term of the Service Order shall survive such termination.

2.1.4 Liability of the Company

- (A) The liability of the Company for damages arising out of the furnishing of its Services, including but not limited to mistakes, omissions, interruptions, delays, errors, other defects, or representations by the Company, or use of these services or damages arising out of the failure to furnish the service whether caused by act or omission, shall be limited to the extension of allowances for interruption as set forth in Section 2.6 below. The extension of such allowances for interruption shall be the sole remedy of the Customer and the sole liability of the Company. The Company will not be liable for any direct, indirect, incidental, special, consequential, exemplary or punitive damages to Customer as a result of any Company service, equipment or facilities, or the sets or omissions or negligence of the Company's employees or agents.
- (B) The Company shall not be liable for any delay or failure of performance or equipment due to causes beyond its control, including but not limited to: acts of God, fire, flood, explosion or other catastrophes; any law, order, regulation, direction action, or request of The United States government or of any other government, including state and local governments having or claiming jurisdiction over the Company, or of any department, agency, commission, bureau, corporation, or of any military authority; preemption of existing service in compliance with national emergencies; insurrections, riots; wars; unavailability of rights-of-way or materials; or strikes, lockouts work stoppages, or other labor difficulties.
- (C) The Company shall not be liable for (a) any act or omission of any entity furnishing the Company or the Company's Customers facilities or equipment used for the interconnection with Access Services; or (b) for the acts or omissions of other Common Carrier or warehousemen.

Issued: April 4, 2008

Effective: May 4, 2008

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**ACCESS SERVICE****2. REGULATIONS** (Cont'd)2.1 Undertaking of the Company (Cont'd)2.1.4 Liability of the Company (Cont'd)

- (D) The Company shall not be liable for any damages or losses due to the fault or negligence of the Customer or due to the failure or malfunction of Customer-provided equipment or facilities.
- (E) The Customer shall indemnify and hold the Company harmless from any and all losses, claims, demands, suits, or other actions, or any liabilities whatsoever, whether suffered, made instituted, or asserted by any other party or person(s), and for any loss, damage, or destruction of any property, whether owned by the Customer or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal, condition, location, or use of any installation or equipment provided by the Company. The Company reserves the right to require each Customer to sign an agreement acknowledging acceptance of the provisions of this Section 2.1.4.(E) as a condition precedent to such installations.
- (F) The Company shall not be liable for any defacement of or damage to Customer's premises resulting from the furnishing of services or equipment on such premises or the installation or removal thereof, unless such defacement or damage is caused by the gross negligence or willful misconduct of the Company's agents or employees. No agents or employees of other participating Carriers shall be deemed to be agents or employees of the Company.
- (G) The Company shall be indemnified and held harmless by the end user against any claim, loss or damage arising from the end user's use of services offered under this tariff including: claims for libel, slander, invasion of privacy or infringement of copyright arising from the end user's own communications; patent infringement claims arising from the end user's combining or connecting the service offered by the Company with facilities or equipment furnished by the end user or another carrier; or all other claims arising out of any act or omission of the end user in connection with any service provided pursuant to this tariff.
- (H) The entire liability of the Company for any claim, loss, damage or expense from any cause whatsoever shall in no event exceed sums actually paid to the Company by the Customer for the specific services giving rise to the claim, and no action or proceeding against the Company shall be commenced more than one (1) year after the service is rendered.

**ACCESS SERVICE**

**2. REGULATIONS** (Cont'd)

2.1 Undertaking of the Company (Cont'd)

2.1.4 Liability of the Company (Cont'd)

- (I) The Company makes no warranties or representation, express or implied, including warranties or merchantability or fitness for a particular use, except those expressly set forth herein.
- (J) The Company shall not be liable for any act or omission of any other company or companies furnishing a portion of the service, or for damages associated with service, Channels, or equipment which result from the operation of Customer-provided systems, equipment, facilities or services which are interconnected with Company services.
- (K) The Company does not guarantee nor make any warranty with respect to service installations at locations at which there is present an atmosphere that is explosive, prone to fire, dangerous or otherwise unsuitable for such installations. The Customer and end user shall indemnify and hold the Company harmless from any and all losses, claims, demands, suits, or other actions, or any liability whatsoever whether suffered, made, instituted or asserted by the Customer or by another party, for any personal injury, to, or death of, any person or persons, or for any loss, damage or destruction of any property, whether owned by the Customer or others, caused or claimed to have been caused directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, locations or use of service furnished by the Company at such locations.

## ACCESS SERVICE

2. REGULATIONS (Cont'd)2.1 Undertaking of the Company (Cont'd)2.1.4 Liability of the Company (Cont'd)

- (L) The Company shall not be liable for the Customer's failure to fulfill its obligations to take all necessary steps including, without limitation, obtaining, installing and maintaining all necessary equipment, materials and supplies, for interconnecting the terminal equipment or communications system of the Customer, or any third party acting as its agent, to the Company's network. The Customer shall secure all licenses, permits, rights-of-way, and other arrangements necessary for such interconnection. In addition, the Customer shall ensure that its equipment and/or system or that of its agent is properly interfaced with the Company's service, that the signals emitted into the Company's network are of the proper mode, bandwidth, power, data speed, and signal level for the intended use of the Customer and in compliance with the criteria set forth in Section 2.1.6 following, and that the signals do not damage Company equipment, insure its personnel or degrade service to other Customers. If the Customer or its agent fails to maintain and operate its equipment and/or system or that of its agent properly, with resulting imminent harm to Company equipment, personnel, or the quality of service to other Customer, the Company, may, upon written notice require the use of protective equipment at the Customer's expense. If this fails to produce satisfactory quality and safety, the Company may, upon written notice, terminate the Customer's service without liability.
  
- (M) The Company shall not be liable for any act or omission concerning the implementation of Pre subscription, as defined herein.

## ACCESS SERVICE

2. REGULATIONS (Cont'd)2.1 Undertaking of the Company (Cont'd)2.1.5 Notification of Service-Affecting Activities

The Company will provide the Customer reasonable notification of service-affecting activities that may occur in normal operation of its business. Such activities may include, but are not limited to, equipment or facilities additions, removals or rearrangements and routine preventative maintenance. Generally, such activities are not specific to an individual Customer but affect many Customer's services. No specific advance notification period is applicable to all service activities. The Company will work cooperatively with the Customer to determine the reasonable notification requirements. With some emergency or unplanned service-affecting conditions, such as an outage resulting from cable damage, notification to the Customer may not be possible.

2.1.6 Provision of Equipment and Facilities

- (A) The Company shall use reasonable efforts to make available services to a Customer on or before a particular date, subject to the provisions of and compliance by the Customers with, the regulations contained in this tariff. The Company does not guarantee availability by any such date and shall not be liable for any delays in commencing service to any Customer.
- (B) The Company shall use reasonable efforts to maintain facilities and equipment that it furnishes to the Customer. The Customer may not, nor may the Customer permit others to, rearrange, disconnect, remove, attempt to repair or otherwise interfere with any of the facilities or equipment installed by the Company, except upon the written consent of the Company.
- (C) The Company may substitute, change or rearrange any equipment or facility at any time and from time to time, but shall not thereby alter the technical parameters of the service provided to the Customer.
- (D) Equipment the Company provides or installs at the Customer's premises for use in connection with the services the Company offers shall not be used for any purpose other than that for which the Company provided it.
- (E) The Customer shall be responsible for the payment of service charges imposed on the Company by another entity, for visits to the Customer's premises when the service difficulty or trouble report results from the use of equipment or facilities provided by any party other than the Company, including, but not limited to the Customer.

**ACCESS SERVICE****2. REGULATIONS** (Cont'd)2.1 Undertaking of the Company (Cont'd)2.1.6 Provision of Equipment and Facilities (Cont'd)

- (F) The Company shall not be responsible for the installation, operation, or maintenance of any Customer-provided communications equipment. Where such equipment is connected to the facilities furnished pursuant to this tariff, the responsibility of the Company shall be limited to the furnishing of facilities offered under this tariff and to the maintenance and operation of such facilities. Notwithstanding the above, the Company shall not be responsible for:
- (1) the transmission of signals by Customer-provided equipment or for the quality of, or defects in, such transmission;
  - (2) the reception of signals by Customer-provided equipment; or
  - (3) network control signaling where such signaling is performed by Customer-provided network control signaling equipment.
- (G) The Company intends to work cooperatively with the Customer to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.
- (H) The Company reserves the reasonable right to assign, designate or change telephone numbers, any other call number designations associated with Access Services, or the Company serving central office prefixes associated with such numbers, when necessary in the conduct of its business.

2.1.7 Non-Routine Installation

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



**ACCESS SERVICE****2. REGULATIONS** (Cont'd)2.1 Undertaking of the Company (Cont'd)2.1.8 Special Construction

Subject to the arrangement of the Company and to all of the regulations contained in this tariff, special construction of facilities may be undertaken on a reasonable efforts basis at the request of the Customer. Special construction is that construction undertaken and characterized by one or more of the following:

- (A) where facilities are not presently available and there is no other requirement for the facilities so constructed;
- (B) of a type other than that which the Company would normally utilize in the furnishing of its services;
- (C) where facilities are to be installed over a route other than that which the Company would normally utilize in the furnishing of its services;
- (D) where facilities are requested in a quantity greater than that which the Company would normally construct;
- (E) where installation is on an expedited basis;
- (F) on a temporary basis until permanent facilities are available;
- (G) installation involving abnormal costs; or
- (H) in advance of its normal construction schedules.

2.1.9 Ownership of Facilities

Title to all facilities provided in accordance with this tariff remains in the Company, its agents, contractors or suppliers.

ACCESS SERVICE

2. REGULATIONS (Cont'd)

2.2 Prohibited Uses

- 2.2.1 The services the Company offers shall not be used for any unlawful purpose or for any use as to which the Customer has not obtained all required governmental approvals, authorizations, licenses, consents and permits,
- 2.2.2 The Company may require applicants for service who intend to use the Company's offerings for resale and/or for shared use to file a request with the Company confirming that their use of the Company's offerings complies with relevant laws and Federal Communications Commission regulations, policies, orders, and decisions; and if the reseller intends to provide intrastate services, is certified with the State Regulatory Authority.
- 2.2.3 The Company may require a Customer to immediately shut down its transmission of signals if said transmission is causing interference to others.

2.3 Obligations of the Customer

2.3.1 Customer Responsibilities

The Customer shall be responsible for:

- (A) the payment of all applicable charges pursuant to this tariff;
- (B) 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 premises, unless caused by the negligence or willful misconduct of the employees or agents of the Company. The Company will, upon reimbursement for damages to its facilities or equipment, cooperate with the Customer in prosecuting a claim against the person causing such damage and the Customer shall be subrogated in the Company's right of recovery of damages to the extent of such payment;
- (C) providing at no charge, as specified from time to time by the Company, as needed, personnel, equipment, space, and power to operate Company facilities and equipment installed on the Customer premises, and the level of heating and air conditioning necessary to maintain the proper operating environment on such premises;

## ACCESS SERVICE

2. REGULATIONS (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.1 Customer Responsibilities (Cont'd)

- (D) obtaining, maintaining, and otherwise having full responsibility for all rights-of-way and conduit necessary for installation of fiber optic cable and associated equipment used to provide Access Services to the Customer from the cable building entrance or property line to the location of the equipment space described in 2.3.1.(C) above. Any costs associated with obtaining and maintaining the rights-of-way described herein, including the costs of altering the structure to permit installation of the Company-provided facilities, shall be borne entirely by, or may be charged by the Company, to the Customer. The Company may require the Customer to demonstrate its compliance with this subsection prior to accepting an order for service;
- (E) providing a safe place to work and complying with all laws and regulations regarding the working conditions on the premises at which Company employees and agents shall be installing or maintaining Company facilities and equipment. The Customer may be required to install and maintain Company facilities and equipment within a hazardous area if, in the Company's opinion, injury or damage to the Company 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 (e.g. asbestos) prior to any construction or installation work.
- (F) 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 Company facilities and equipment in any Customer premises or the rights-ofway for which the Customer is responsible for obtaining under Section 2.3.1.(D) above; and granting or obtaining permission for Company agents or employees to enter the Customer premises at any time for the purpose of installing, inspecting, maintaining, repairing, or upon termination of service as stated herein, removing the facilities or equipment of the Company; and
- (G) not creating or allowing to be placed or maintained any liens or other encumbrances on the Company's equipment or facilities.

Issued: April 4, 2008

Effective: May 4, 2008

James D. Mitchell, Vice President  
ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001

**ACCESS SERVICE****2. REGULATIONS** (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.2 Claims

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

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

2.3.3 Jurisdictional Reporting

The jurisdictional reporting requirements will be as specified below. When a Customer orders Access service, its projected Percent Interstate Usage (Pill) must be provided in whole percentages (e.g., 45%) 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.

(A) 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 Pill factor on a quarterly basis, as specified below. Originating access minutes will be measured as follows based on type of access:

- (1) For Feature Group D Switched Access Service(s), as defined in Section 4.2.1 following, where the Company can determine jurisdiction by its call detail, the projected Percent Interstate Usage (Pill) will be developed by the Company on a monthly basis by dividing the measured interstate originating access minutes by the total originating access minutes.

**ACCESS SERVICE****2. REGULATIONS (Cont'd)**2.3 Obligations of the Customer (Cont'd)2.3.3 Jurisdictional Reporting (Cont'd)(A) Originating Access (Cont'd)

- (2) If Feature Group 0 with 950 Access (Feature Group B) as defined in Section 4.2 following is offered by the Company, the Customer must provide the Company with a projected Pill factor by supplying the Company with an interstate percentage of originating access minutes.
- (3) For 500, 700, 8XX, calling card and operator service access, the Customer must provide the Company with a projected Pill factor for each type of access. The Customer who provides a Pill factor shall supply the Company with an interstate percentage of originating access minutes.
- (4) If no Pill for originating minutes is submitted as specified herein, then the projected Pill will be set on a default basis of 50 percent interstate traffic and 50 percent intrastate traffic.

(B) Terminating Access

For Feature Group 0 Switched Access Service(s), the Customer must provide the Company with a projected Pill factor by supplying the Company with an interstate percentage of terminating access minutes on a quarterly basis, as described in Section 2.3.3.(0) below. If no projected Pill factor is submitted by the Customer, then the projected Pill will be set on a default basis of 50 percent interstate traffic and 50 percent intrastate traffic.

- (C) Except where the Company measured access minutes are used as set forth in 2.3.3.(A) above, the Customer reported Projected Pill factor as set forth above will be used until the Customer reports a different projected Pill 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.

**ACCESS SERVICE****2. REGULATIONS** (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.3 Jurisdictional Reporting (Cont'd)

- (D) Effective on the first 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 of each 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 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.

(E) Jurisdictional Report 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 issued to determine the projected PIU factor. The Customer will supply the data within 30 days of the Company's 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.

**ACCESS SERVICE**

**2. REGULATIONS (Cont'd)**

**2.3 Obligations of the Customer (Cont'd)**

**2.3.4 Identification and Rating of Toll VoIP-PSTN Traffic**

**(A) Scope**

- (1) This section governs the identification and billing of VoIP-PSTN Traffic, unless the parties have agreed otherwise, pursuant to the Federal Communications Commission Report and Order in WC Docket Nos. 10-90, etc., FCC Release No. 11-161 (November 18, 2011) ("FCC November 18<sup>th</sup> Order") and the Second Order on Reconsideration in WC Docket Nos. 10-90, etc., FCC Release No. 12-47 (April 25, 2012) shall become effective upon approval by the Commission. (C)
- (2) For purposes of this tariff section, "VoIP-PSTN Traffic" is defined, consistent with 47 C.F.R. § 51.701 (b)(3), as interexchange (access) telecommunications traffic exchanged between Telephone Company and another telecommunications carrier in Time Division Multiplexing ("TDM") format that originates and/or terminates in IP format and that otherwise meets the definitions in 47 C.F.R. § 51.701 (b)(1) or (b)(2). Telecommunications traffic originates and/or terminates in IP format if it originates from and/or terminates to an end-user customer of a service that requires Internet protocol-compatible customer premises equipment. (C)

**(B) Interstate and Intrastate Rates Apply (C)**

- (1) Intrastate, interexchange VoIP-PSTN Traffic identified in accordance with this tariff section that terminates to the Telephone Company will be billed at rates equal to the Telephone Company's applicable tariffed interstate switched access rate as specified in 2.3.4(F) following. (C)
- (2) Effective July 13, 2012, intrastate, interexchange VoIP-PSTN traffic identified in accordance with this tariff section that originates from the Telephone Company will be billed at the applicable tariffed intrastate switched access rates as specified in Section 12.1 until June 30, 2014. Prior to July 13, 2012 and after June 30, 2014, intrastate, interexchange VoIP-PSTN traffic identified in accordance with this tariff section that originates from the Telephone Company will be billed at the applicable tariffed interstate switched access rates as specified in Section 2.3.4.(F). (N)

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(M) Material previously appearing on this page now appears on page 2.13.1.1

Issued by authority of an Order of the Public Service Commission of West Virginia in Case No. 12-0792-T-T dated July 13, 2012, effective July 13, 2012.

Issued: June 13, 2012

Effective: July 13, 2012

James D. Mitchell, Vice President  
ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001

ACCESS SERVICE

(M)

2. REGULATIONS (Cont'd)

2.3 Obligations of the Customer (Cont'd)

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

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

- (1) The traffic minutes of use (“MOU”) to which interstate rates will be applied under this section will be determined by the Telephone Company by calculating a Percent VoIP Usage (“PVU”) factor to be applied to the total intrastate access MOU terminated by the Customer to the Telephone Company's end user.
- (2) A default benchmark PVU Factor shall be an amount equal to the total number of incumbent LEC and non-incumbent LEC VoIP subscriptions in the state divided by the sum of those reported VoIP subscriptions plus incumbent LEC and non-incumbent LEC switched access lines as set forth in the FCC Wireline Competition Bureau *Local Telephone Competition Report*. The most current version of which was released October 2011 and will be adjusted biannually with each new *Local Telephone Competition Report* released by the FCC Wireline Competition Bureau unless rebutted by the customer as specified in 2.3.4.(D).(1).
- (3) The Customer shall not modify its reported PIU factor to account for VoIP-PSTN traffic.

(C)

(C)

(M)

(M) Material appearing on this page previously appeared on page 2.13.1

Issued by authority of an Order of the Public Service Commission of West Virginia in Case No. 12-0792-T-T dated July 13, 2012, effective July 13, 2012.

Issued: June 13, 2012

Effective: July 13, 2012

James D. Mitchell, Vice President  
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**ACCESS SERVICE**

**2. REGULATIONS (Cont'd)**

2.3 Obligations of the Customer (Cont'd)

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

(D) Customer Specific Factors

- (1) If a customer desires to rebut the use of a default benchmark PVU factor from the FCC Wireline Competition Bureau Local Telephone Competition Report the Customer may, as an alternative to using the factor specified in subsection (C)(2) above, request that the Telephone Company negotiate an Agreement specifying an alternative and verifiable customer specific PVU factor or other form of compensation for VoIP-PSTN Traffic.
- (2) Such agreement shall specify the manner in which the customer specific PVU shall be calculated which shall become effective once agreed to by both parties based upon the verified characteristics of the Customer's VoIP-PSTN Traffic.
- (3) The PVU information and supporting documentation supplied by the Customer shall be based on information that is independently verifiable by the Telephone Company, including but not limited to the number of the Customer's or an underlying service provider's retail VoIP subscriptions in the state (e.g. as reported on FCC Form 477), traffic studies, actual call detail or other relevant and verifiable information. The Telephone Company may reject unverified or unverifiable assertions that the traffic is VoIP-PSTN Traffic.
- (4) The Customer shall retain the call detail, work papers and information used to develop the PVU factors for a minimum of one year.
- (5) If the Customer does not furnish the Telephone Company with PVU factors, along with the relevant and verifiable supporting documentation described above, the Telephone Company will utilize the default PVU factor.

(E) PVU Factor Implementation

- (1) If the PVU factor cannot be implemented in the Telephone Company's billing systems upon the effective date of this tariff provision, the Telephone Company will adjust the Customer's bills to reflect the PVU retroactively to the effective date of this tariff provision.

(F) Interstate Rates

Local Transport Facility, per minute per mile	\$0.000002	
Shared/Common Trunk Port, per minute originating	\$0.001581	
Shared/Common Trunk Port, per minute terminating	\$0.000000	
End Office Local Switching, per minute originating	\$0.002273	
End Office Local Switching, per minute terminating	\$0.000700	(D)
800 Data Base Query, per query	\$0.003835	

Issued by authority of an Order of the Public Service Commission of West Virginia in Case No. 16-0757-T-T dated June 27, 2016, effective July 1, 2016.

Issued: June 1, 2016

Effective: July 1, 2016

Shawn Beqaj, Vice President  
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## ACCESS SERVICE

2. REGULATIONS (Cont'd)2.4 Customer Equipment and Channels2.4.1 In General

A Customer may transmit or receive information or signals via the facilities of the Company.

2.4.2 Interconnection of Facilities

(A) Any special interface equipment necessary to achieve compatibility between the facilities and equipment of the Company used for furnishing Access Services and the Channels, facilities, or equipment of others shall be provided at the Customer's expense.

(B) Access Services may be connected to the services or facilities of other communications carriers only when authorized by, and in accordance with, the terms and conditions of the tariffs of the other communications carriers which are applicable to such connections.

2.5 Payment Arrangements2.5.1 Payment for Service

The Customer is responsible for payment of all charges for services and facilities furnished by the Company to the Customer or its Joint or Authorized Users.

(A) Taxes

The Customer is responsible for the payment of any sales, use, gross receipts, excise, access or other local, state and federal taxes, charges or surcharges (however designated) excluding taxes on the Company's net income imposed on or based upon the provision, sale or use of Access Services. All such taxes shall be separately designated on the Company's invoices. Any taxes imposed by a local jurisdiction (e.g. county and municipal taxes) will only be recovered from those Customers located in the affected jurisdictions. If an entity other than the Company (e.g. another carrier or a supplier) imposes charges on the Company, in addition to its own internal costs, in connection with a service for which the Company's Non-Recurring Charge is specified, those charges will be passed on to the Customer. It shall be the responsibility of the Customer to pay any such taxes that subsequently become applicable retroactively.

## ACCESS SERVICE

2. REGULATIONS (Cont'd)2.5 Payment Arrangements (Cont'd)2.5.1 Payment for Service (Cont'd)

- (B) A surcharge is imposed on all charges for service originating at addresses in states which levy, or assert a claim of right to levy, a gross receipts tax on the Company's operations in any such state, or a tax on intrastate access charges incurred by the Company for originating access to telephone exchanges in that state. This surcharge is based on the particular state's receipts tax and other state taxes imposed directly or indirectly upon the Company by virtue of, and measured by, the gross receipts or revenues of the Company in that state and/or payment of intrastate access charges in that state. The surcharge will be shown as a separate line item on the Customer's monthly invoice.

2.5.2 Billing and Collection of Charges

Unless otherwise specified herein, bills are due and payable upon receipt.

The Company shall bill on a current basis all charges incurred by, and credits due to, the Customer under this tariff attributable to services established, provided, or discontinued during the preceding billing period.

- (A) Non-Recurring Charges are due and payable within 30 days after the invoice date. The Company shall present invoice for Non-Recurring Charges monthly to the Customer.
- (B) The Company shall present invoice for non-usage sensitive Recurring Charges monthly to the Customer, in advance of the month in which service is to be provided, and invoices for usage sensitive charges monthly to the Customer subsequent to the usage. Recurring and usage sensitive charges shall be due and payable within 30 days after the invoice date.
- (C) When service does not begin on the first day of the month, or end on the last day of the month, the charge for the fraction of the month in which service was furnished will be calculated on a pro-rata basis, based on the actual calendar month.

Issued: April 4, 2008

Effective: May 4, 2008

James D. Mitchell, Vice President  
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**ACCESS SERVICE**

**2. REGULATIONS (Cont'd)**

2.5 Payment Arrangements (Cont'd)

2.5.2 Billing and Collection of Charges (Cont'd)

- (D) Billing of the Customer by the Company will begin on the Service Commencement Date. Billing accrues through and includes the day that the service, circuit, arrangement or component is discontinued.
- (E) Amounts not paid within 30 days after the date of invoice will be considered past due. If the Company becomes concerned at any time about the ability of a Customer to pay its bills, the Company may require that the Customer pay its bills within a specified number of days and make such payments in cash or the equivalent of cash.

If a service is disconnected by the Company in accordance with Section 2.5.4 following and later restored, restoration of service will be subject to all applicable installation charges.

- (F) The Customer shall notify the Company of any disputed items on an invoice within 90 days of receipt of the invoice. The Company will assess a late payment charge of up to the highest interest rate allowable by law per month for any past due balance that exceeds 30 days. If the Customer and the Company are unable to resolve the dispute to their mutual satisfaction, the Customer may file a complaint with the West Virginia Public Service Commission in accordance with the Commission's rules of procedures.

## ACCESS SERVICE

2. REGULATIONS (Cont'd)2.5 Payment Arrangements (Cont'd)2.5.2 Billing and Collection of Charges (Cont'd)(G) Ordering, Rating and Billing of Access Services Where More Than One Exchange Carrier is Involved

Both Multiple bill and Single bill billing options are supported under this tariff. Under a Meet Point Billing arrangement, the Company will only bill for charges for traffic carried between the Company Local Switching Center and the end user.

The billing arrangements are subject to the provisions of the Multiple Exchange Carrier Access Billing Guidelines (MECAB) and the Multiple Exchange Carrier Ordering and Design Guidelines (MECOD).

The Company must notify the Customer of: 1) the meet point option that will be used; 2) the Carrier(s) that will render the bill(s); 3) the Carrier(s) to whom payment should be remitted; and 4) the Carrier(s) that will provide the bill inquiry function. The Company shall provide such notification at the time orders are placed for Access Service. Additionally, the Company shall provide this notice in writing 30 days in advance of any changes in the arrangement.

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

- (1) The Company must receive an order for Feature Group D (FGD) Switched Access Service, as defined herein, ordered to the Company's Local Switching Center through a switch operated by another Exchange Carrier.
- (2) In addition, for FGD Switched Access Service ordered to the Company's Local Switching Center through a switch operated by another Exchange Carrier with whom the Company has an agreement, the Customer may be required to submit an order as specified by the Exchange carrier which operates the switch.
- (3) Separate bills will be rendered by the Exchange Carrier for FGD access service, if the multiple bill option is selected.

**ACCESS SERVICE**

**2. REGULATIONS (Cont'd)**

2.5 Payment Arrangements (Cont'd)

2.5.2 Billing and Collection of Charges (Cont'd)

(G) Ordering, Rating and Billing of Access Services Where More Than One Exchange Carrier is Involved (Cont'd)

(4) Rating and Billing of Service: Each company will provide its portion of access service based on the regulations, rates and charges contained in its respective Access Service tariff, subject to the following rules, as appropriate:

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

2.5.3 Deposits

The Company will not collect deposits.

**ACCESS SERVICE**

**2. REGULATIONS (Cont'd)**

2.5 Payment Arrangements (Cont'd)

2.5.4 Refusal and Discontinuance of Service

- (A) Upon nonpayment of any amounts owing to the Company, the Company may, by giving requisite prior written notice to the Customer discontinue or suspend service without incurring any liability.
- (B) Upon violation of any of the other material terms or conditions for furnishing service the Company may, by giving 30 days prior notice in writing to the Customer, discontinue or suspend service without incurring any liability if such violation continues during that period.
- (C) Upon condemnation of any material portion of the facilities used by the Company to provide service to a Customer or if a casualty renders all or any material portion of such facilities inoperable beyond feasible repair, the Company, by notice to the Customer, may discontinue or suspend service without incurring any liability.
- (D) Upon the Customer's insolvency, assignment for the benefit of creditors, filing for bankruptcy or reorganization, or failing to discharge an involuntary petition within the time permitted by law, the Company may immediately discontinue or suspend service without incurring any liability.

## ACCESS SERVICE

2. REGULATIONS (Cont'd)2.5 Payment Arrangements (Cont'd)2.5.4 Refusal and Discontinuance of Service (Cont'd)

- (E) Upon any governmental prohibition, or required alteration of the services to be provided or any violation of an applicable law or regulation, the Company may immediately discontinue service without incurring any liability.
- (F) Upon the Company's discontinuance of service to the Customer under Section 2.5.4.(A) or 2.5.4.(B) above, the Company, in addition to all other remedies that may be available to the Company at law or in equity or under any other provision of this tariff, may declare all future monthly and other charges which would have been payable by the Customer during the remainder of the term for which such services would have otherwise been provided to the Customer to be immediately due and payable.
- (G) When Access Service is provided by more than one Company, the companies involved in providing the joint service may individually or collectively deny service to a Customer for nonpayment. Where the Company(s) affected by the nonpayment is incapable of effecting discontinuance of service without cooperation from the other joint providers of Switched Access Service, such other Company(s) will, if technically feasible, assist in denying the joint service to the Customer. Service denial for such joint service will only include calls originating or terminating within, or transiting, the operating territory of the Company initiating the service denial for nonpayment. When more than one of the joint providers must deny service to effectuate termination for nonpayment, in cases where a conflict exists in the applicable tariff provisions, the tariff regulations of the Company whose Local Switching Center serves the Customer shall apply for joint service discontinuance.



**ACCESS SERVICE****2. REGULATIONS** (Cont'd)2.5 Payment Arrangements (Cont'd)2.5.4 Refusal and Discontinuance of Service (Cont'd)

- (H) The Company may discontinue the furnishings of any and/or all service(s) to a Customer, without incurring any liability:
- (1) Immediately and without notice if the Company deems that such action is necessary to prevent or protect against fraud or to otherwise protect its personnel, agents, facilities or services. The Company may discontinue service pursuant to this subsection 2.5.4.(H)(I) (a-f) if:
- (a) the Customer refuses to furnish information to the Company regarding the Customer's credit-worthiness, its past or current use of Common Carrier communications service or its planned use of service(s); or
- (b) the Customer provides false information to the Company regarding the Customer's identity, address, credit-worthiness, past or current use of Common Carrier communications services, or its planned use of the Company's service(s); or
- (c) the Customer states that it will-not comply with a request of the Company for security for the payment for service(s) in accordance with Section 2.5.4.(A) above; or
- (d) the Customer has been given written notice by the Company of any past due amount (which remains unpaid in whole or in part for any of the Company's other Common Carrier communications services to which the Customer either subscribes or had subscribed or used; or
- (e) the Customer uses service to transmit a message, locate a person or otherwise give or obtain information without payment for the service; or

**ACCESS SERVICE****2. REGULATIONS (Cont'd)****2.5 Payment Arrangements (Cont'd)****2.5.4 Refusal and Discontinuance of Service (Cont'd)****2.5.4.(H)(1) (Cont'd)**

- (f) the Customer uses, or attempts to use, service with the intent to avoid the payment, either in whole or in part, of the tariffed charges for the service by:
  - (i) using or attempting to use service by rearranging, tampering with, or making connections to the Company's service not authorized by this tariff; or
  - (ii) using tricks, schemes, fake or invalid numbers, false credit devices, electronic devices; or
  - (iii) . by delivering calls to or accepting calls from the Company's End User locations over Company switched local exchange services; or
  - (iv) continuing to have Company End Users presubscribed to the Customer; or
  - (v) any other fraudulent means or devices; or
- (2) upon ten (10) days' written notice to the Customer of any sum thirty (30) days past due;
- (3) upon ten (10) days' written notice to the Customer, after failure of the Customer to comply with a request made by the Company for security for the payment of service in accordance with Section 2.5.4.(A) above; or
- (4) seven (7) days after sending the Customer written notice of noncompliance with any provision of this tariff if the noncompliance is not corrected within that seven-(7) day period. The discontinuance of service(s) by the Company pursuant to this Section does not relieve the Customer of any obligation to pay the Company for charges due and owing for service(s) furnished up to the time of discontinuance.
- (I) In the event the Company provides notice to Customer under Section 2.5.4 above of refusal and discontinuance of service, the Company shall also have the right to notify the Company's end user customers who are presubscribed to Customer's service that Customer's service will be discontinued if payment or other obligations are not met. Such notification shall be for the purpose of allowing affected end user customers to make alternative arrangements for presubscribed interexchange service in the event Customer's service is discontinued by the Company.

Issued: April 4, 2008

Effective: May 4, 2008

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## ACCESS SERVICE

2. REGULATIONS (Cont'd)2.5 Payment Arrangements (Cont'd)2.5.4 Refusal and Discontinuance of Service (Cont'd)

- (J) In the event the Company incurs fees or expenses, including attorney's fees, in collecting, or attempting to collect, any charges owed the Company, the Customer will be liable to the Company for the payment of all such fees and expenses reasonably incurred

2.5.5 Cancellation of Application for Service

- (A) Applications for service are noncancellable unless the Company otherwise agrees. Where the Company permits the Customer to cancel an application for service prior to the start of service or prior to any special construction, no charges will be imposed except as may be specified in this Section and Section 3.2.5.
- (B) Where, prior to cancellation by the Customer, the Company incurs any expenses in installing the service or in preparing to install the service that it otherwise would not have incurred, a charge equal to the costs the Company incurred, less net salvage, shall apply, but in no case shall this charge exceed the sum of the charge for the minimum period of services ordered, including installation charges and all charges others levy against the Company that would have been chargeable to the Customer had service begun.

2.5.6 Late Payment Charge

- (A) Payment will be due as specified on the Customer bill. Commencing after that due date, a late charge of up to the highest interest rate allowable by law will be applied to all amounts past due.
- (B) Collection procedures and the requirement for a deposit are unaffected by the application of a late payment charge. The late payment charge does not apply to unpaid balances associated with disputed amounts. Undisputed amounts on the same bill are subject to the late payment charge if unpaid and carried forward to the next bill.
- (C) Service may be denied or discontinued at the Company's discretion for nonpayment of amounts due the Company past the due date as specified in 2.5.6(A). Restoration of Service will be subject to all applicable installation charges.

Issued: April 4, 2008

Effective: May 4, 2008

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## ACCESS SERVICE

2. REGULATIONS (Cont'd)2.5 Payment Arrangements (Cont'd)2.5.7 Returned Check  
Charge

In cases where the Company issues direct bills to Customers, and payment by check is returned for insufficient funds, or is otherwise not processed for payment, there will be a charge as set forth herein. Such charge will be applicable on each occasion when a check is returned or not processed.

2.6 Allowances for Interruptions in Service

Interruptions in service which are not due to the negligence of or noncompliance with the provisions of this tariff by the Customer or the operation or malfunction of the facilities, power, or equipment provided by the Customer, will be credited to the Customer as set forth in 2.6.1 for the part of the service that the interruption affects.

2.6.1 Credit for Interruptions

- (A) A credit allowance will be made when an interruption occurs because of a failure of any component furnished by the Company under this tariff. An interruption period begins when the Customer reports a service, facility or circuit, to be interrupted and releases it for testing and repair. An interruption period ends when the service, facility, or circuit is operative. If the Customer reports a service facility, or circuit to be inoperative but declines to release it for testing and repair, it is considered to be impaired, but not interrupted.
- (B) For Switched Access Service, no credit will be allowed for an interruption of less than 24 hours. After the first 24 hour period, a credit equal to 1/30 of the Direct Connect facilities charges will be applied to each interruption which is in excess of twelve hours and up to 24 hours.

**ACCESS SERVICE****2. REGULATIONS** (Cont'd)2.6 Allowances for Interruptions in Service (Cont'd)2.6.2 Limitations on Allowances

No credit allowance will be made for:

- (A) interruptions due to the negligence of, or noncompliance with the provision of this tariff by, the Customer, Authorized User, Joint-User, or other Common Carrier providing service connected to the service of Company;
- (B) interruptions due to the negligence of any person other than the Company, including but not limited to, the Customer or other Common Carriers connected to the Company's facilities;  
  
interruptions due to the failure or malfunction of non-Company equipment;
- (C) interruptions of service during any period in which the Company is not given full and free access to its facilities and equipment for the purpose of investigating and correcting interruptions;
- (D) interruptions of service during a period when the Customer has released service to the Company for maintenance purposes or for implementation of a Customer order for a change in service arrangements;
- (E) interruptions of service during any period when the Customer has released service to the Company for maintenance purposes or for implementation of a Customer order for a change in service arrangements;
- (F) interruption of service due to circumstances or causes beyond the control of the Company;
- (G) use of Alternative Service Provided by the Company: Should the Customer elect to use an alternative service provided by the Company during the period that a service is interrupted, the Customer must pay the tariffed rates and charges for the alternative service used.

## ACCESS SERVICE

2. REGULATIONS (Cont'd)2.6 Allowances for Interruptions in Service (Cont'd)2.6.3 Cancellation for Service Interruption

Cancellation or termination for service interruption is permitted only if any circuit experiences a single continuous outage of eight (8) hours or more or cumulative service credits equaling 16 hours in a continuous 12-month period. The right to cancel service under this provision applies only to the single circuit which has been subject to the outage or cumulative service credits.

2.7 Cancellation of Service

If a Customer cancels services before the completion of the term for any reason whatsoever other than a service interruption (as defined in Section 2.6.1 above), the Customer agrees to pay to the Company the following sums which shall become due and owing as of the effective date of the cancellation or termination and shall be payable within the period set forth in Section 2.5.2 above: all costs, fees and expenses reasonably incurred in connection with 1) all Non-Recurring Charges reasonably expended by the Company to establish service to Customer, plus 2) any disconnection, early cancellation or termination charges reasonably incurred and paid to third parties by Company on behalf of Customer, plus 3) all Recurring Charges specified in the applicable tariff for the balance of the then current term.

2.8 Transfers and Assignments

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

**ACCESS SERVICE**

**2. REGULATIONS (Cont'd)**

**2.9 Notices and Communications**

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

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

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

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

## ACCESS SERVICE

3. ORDERING OPTIONS FOR ACCESS SERVICE3.1 General

This section sets forth the regulations and order related charges for Access Service Requests (ASR) for Access Services comprising either Switched Access Service or Special Access Service, as defined in this tariff. These charges are in addition to other applicable charges set forth in other sections of this tariff.

3.1.1 Ordering Conditions

All services offered under this tariff will be ordered using an ASR. The format and terms of the ASR will be as specified in the industry Access Service Order Guidelines, unless otherwise specified herein. A Customer may order any number of services of the same type and between the same premises on a single ASR. All details for services for a particular order must be identical.

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

- (A) Customer name and Premise(s) address;
- (B) Billing name and address (when different from Customer name and address); and
- (C) Customer contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.

The order date (Application Date) is the date on which the Company receives a firm commitment and sufficient information from the Customer to allow processing of the ASR. The Customer is advised of the critical events in the provisioning process, the Application Date, the Plant Test Date and the Service Commencement Date, at the time the Company gives the Customer a Firm Order Confirmation (FOC).

3.1.2 Provision of Other Services

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

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



## ACCESS SERVICE

3. ORDERING OPTIONS FOR ACCESS SERVICE (Cont'd)3.1 General (Cont'd)3.1.2 Provision of Other Services (Cont'd)

Additional Engineering is not an ordering option, but will be applied to an ASR when the Company determines that Additional Engineering is necessary to accommodate a Customer request. Additional Engineering will be provided by the Company at the request of the Customer only when a Customer requests additional technical information after the Company has already provided the technical information included on the Design Layout Report as set forth herein. The Customer will be notified when Additional Engineering is required, and will be furnished with a written statement setting forth the justification for the Additional Engineering as well as an estimate of the charges. If the Customer agrees to the Additional Engineering, a firm order will be established. If the Customer does not want the service or facilities after being notified by the Company that Additional Engineering is required, the Customer may cancel the order and no charges will apply. Once a firm order has been established, the total charge to the Customer for the Additional Engineer may not exceed the original estimated amount by more than ten (10) percent.

3.1.3 Constructive Ordering of Switched Access Services(A) Terminating Switched Access

Notwithstanding Section 3.1.1 above, in the event the Company terminates Switched Access minutes for an interexchange carrier that has not submitted an ASR to the Company, the interexchange carrier will be held to have constructively ordered Switched Access Service from the Company for the terminating access minutes. The terminating access minutes shall be subject to charges for Switched Access described in Section 4 of this tariff and the other applicable terms and conditions of this tariff.

(B) Originating Switched Access.

Notwithstanding Section 3.1.1 above, in the event the Company originates Switched Access minutes for an interexchange carrier that has not submitted an ASR to the Company, including but not limited to 8XX toll free calls and 8XX originated dial-around calls, and the interexchange carrier accepts the traffic, the interexchange carrier will be held to have constructively ordered Switched Access Service from the Company for the originating access minutes. The originating access minutes shall be subject to charges for Switched Access described in Section 4 of this tariff and the other applicable terms and conditions of this tariff.

## ACCESS SERVICE

3. ORDERING OPTIONS FOR ACCESS SERVICE (Cont'd)3.2 Access Order3.2.1 Access Service Requests

An Access Order in the form of an Access Service Request (ASR) is required by the Company to provide a Customer Switched Access Service or Special Access Service, as described herein. An ASR will be required for each new similar service arrangement or group of common circuits.

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

In the event of constructive ordering of Switched Access Service under Section 3.1.3, an ASR is not required.

3.2.2 Access Service Date Intervals

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

(A) Customer Requested Interval

If none of the conditions described in Section 3.2.2.(B) below apply, the Service Date interval shall be based on provision of access service by the Customer's requested Service Date.

(B) Negotiated Interval

The Company will negotiate a Service Date interval with the Customer when one of the following conditions exists. In such cases, the Company will offer a Service Date based on the type and quantity of Access Service the Customer has requested.

- (1) There is no existing facility connecting the Customer premises with the Company; or
- (2) The Customer requests a service that is not considered by the Company to be a standard service offering (for example, if Additional Engineering is required to complete the order); or

## ACCESS SERVICE

3. ORDERING OPTIONS FOR ACCESS SERVICE (Cont'd)3.2 Access Order (Cont'd)3.2.2 Access Service Date Intervals (Cont'd)B. Negotiated Interval (Cont'd)

- (3) The Customer requests a service that requires provision of facilities by a connecting local exchange carrier in addition to facilities provided by the Company and the connecting local exchange carrier is unable to place connecting facilities in service by Customer's requested Service Date.
- (4) The Company determines that Access Service cannot be installed within the time frame requested by the Customer.
- (5) All services for which rates are applied on an Individual Case Basis are provided with a Negotiated Interval.

3.2.3 Access Order Charge

The Access Order Charge, as set forth in Section 12.3.1 following is applied to all Customer requests for new Special Access and Switched Access Service. In addition, the Access Order Charge is applicable to Customer requests for additions, changes or rearrangements to existing Special Access and Switched Access Service with the following exceptions:

The Access Order Charge does not apply:

- When a change to a pending order does not result in the cancellation of the pending order and the issuance of a new order;
- When a Presubscription Charge is applicable;
- When a Company initiated network reconfiguration requires a Customer's existing access service to be reconfigured;
- When a service with an Individual Case Basis (ICB) rate is converted to a similar service with a non-ICB tariff rate prior to the expiration of the ICB; or
- When a Billing Name and Address Order charge is applicable.

The Access Order Charge will be applied on a per order basis to each order received by the Company or copy of an order received by the Company pursuant to Sections 3.1 and 3.2 above is in addition to other applicable charges as set forth in this and other sections of this tariff.

**ACCESS SERVICE****3. ORDERING OPTIONS FOR ACCESS SERVICE (Cont'd)****3.2 Access Order (Cont'd)****3.2.4 Minimum Period of Service**

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

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

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

(B) When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. The Minimum Period Charge for monthly billed services will be determined as follows:

For Switched Access Service, the charge for a month or fraction thereof is the applicable minimum monthly charge for the capacity made available to the Customer.

All applicable Non-Recurring Charges for the service will be billed in addition to the Minimum Period Charge.

When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. The Minimum Period Charge for monthly billed services will be determined as follows:

For Switched Access Service, the charge for a month or fraction thereof is the applicable minimum monthly charge for the capacity made available to the Customer.

All applicable Non-Recurring Charges for the service will be billed in addition to the Minimum Period Charge.

**ACCESS SERVICE****3. ORDERING OPTIONS FOR ACCESS SERVICE (Cont'd)****3.3 Design Change Charge**

The customer may request a design change to the service ordered. A design change is any change to an Access Order which requires engineering review. An engineering review is a review by Telephone Company personnel of the service ordered and the requested changes to determine what changes in the design, if any, are necessary to meet the changes requested by the customer. Design changes include such things as the addition or deletion of optional features or functions or a change in the type of Switched Access Transport Termination, type of channel interface, type of Interface Group or technical specification package. Design changes do not include a change of customer premises, end user premises, end office switch, Basic Serving Arrangement, or Switched Access and Special Access service channel type. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied.

Should a customer requested design change be received on a pending access order that results in the establishment of a new service date that exceeds the original service date by more than 30 days, the customer shall not be required to cancel and reissue a new order, but shall be billed a design change charge and a service date change charge.

The Telephone Company will review the requested change, notify the customer whether the change is a design change, if it can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply as set forth in Section 12.3.2 following.

**3.4 Service Date Change Charge**

Access Order service dates for the installation of new services or rearrangements of existing services may be changed, but the new service date may not exceed the original service date by more than 30 calendar days. If the customer requested service date is more than 30 calendar days after the original service date, the order will be canceled by the Telephone Company and reissued with the appropriate cancellation charges applied.

A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE**4.1 General

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

4.2 Provision and Description of Switched Access Service Arrangements

Switched Access Service is provided in the following service type:

4.2.1 Feature Group D (FGD) Access

FGD Access, which is available to all Customers, is provisioned at the DS-1 level and provides trunk-side access to Company Local Switching center switches, with an associated uniform 101XXXX Access Code for the Customer's use in originating and terminating communications. Basic FGD service will be provided with SS7 (Multi-Frequency In Band Signaling is also available as a Common Switching Option for Feature Group D). End users of the Customer's service may also originate calls to certain FGD Access Customers without dialing the 101XXXX Access Code if the end user is pre-subscribed, as described herein.

The Access Code for FGD switching is a uniform Access Code of the form 101XXXX. A single Access Code will be the assigned number of all FOD access provided to the Customer by the Company. No Access Code is required for calls to a Customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for Presubscription to that Customer, as set forth herein.

Where no Access Code is required, the number dialed by the Customer's end user shall be a seven or ten digit number for calls in the North America Numbering Plan (NANP), except for OO-dialed calls which are routed to the predesignated Customer. For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the Customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the Local Switching Center is equipped for International Direct Distance Dialing (IODD), 01 + CC +NNorOll +CC+NN.

Issued: April 4, 2008

Effective: May 4, 2008

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**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)****4.2.1 Feature Group D (FGD) Access (Cont'd)**

When the 101XXXX A-Code is used, FGD switching also provides for dialing the digit 0 (zero) 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, at the option of the Company, Feature Group D with 950 Access (Feature Group B) Common Switching Optional Feature may be made available. Under Feature Group D with 950 Access, end users may originate calls by dialing the 950-XXXX Access Code specified to a particular Interexchange Carrier, provided that the Interexchange Carrier has subscribed to the Company's Feature Group D with 950 Access (Feature Group B) Common Switching Optional Feature. If the end user is presubscribed to that Interexchange Carrier, no Access Code is necessary.

**4.2.2 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 directionally. 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.

**4.2.3 Rate Categories**

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

Switched Transport (described in Section 4.2.3(A) following)  
End Office (described in Section 4.2.3(B) following)  
Chargeable Optional Features (described in Section 4.2.3(C) following)

The following is a description of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.

## ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)4.2.3 Rate Categories (Cont'd)(A) 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), which may be a Remote Switching Module(s) or W ATs Serving Office, where the customer's traffic is switched to originate or terminate the customer's communications.

Switched Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer designated premises) and in the terminating direction (from the customer designated premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. The Customer must specify the choice of facilities (i&, Voice Grade 2 or 4 wire or High Capacity DSI or DS3) to be used in the provision of the Direct Trunked Transport or Entrance Facility.

The Customer must specify when ordering (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, and (2) the type of Direct Trunked Transport and whether it will overflow to Tandem Switched Transport when service is directly routed to an end office, (3) the type of Entrance Facility, (4) the directionality of the service, and (5) when multiplexing is required, the hub(s) at which the multiplexing will be provided.

When service is to be routed through an access tandem switch, the facility between the serving wire center and the tandem will be provided as Direct Trunked Transport.



**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)****4.2.3 Rate Categories (Cont'd)****(A) Switched Transport (Cont'd)**

Direct Trunked Transport is available at all tandems and at all end offices.

When more than one Telephone Company is involved in providing the Switched Access Service, the Switched Transport rates are applied as set forth herein.

The Switched Transport Rate Category includes four classes of rate elements: (1) Entrance Facility, (2) Direct Trunked Transport, (3) Tandem-Switched Transport, and (4) Multiplexing.

**(1) Entrance Facility**

The Entrance Facility recovers a portion of the costs associated with a communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Entrance Facility is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the customer designated premises and the type of signaling capability, if any.

Three types of Entrance Facility are available: (1) Voice Grade 2 or 4 wire (an analog channel with an approximate bandwidth of 300 to 3000 Hz), (2) High Capacity DSI (an isochronous serial digital channel with a rate of 1.544 Mbps) and (3) High Capacity DS3 (an isochronous serial digital channel with a rate of 44.736 Mbps). The minimum period for which a DS3 Entrance Facility is provided is twelve months.

One charge applies for each Entrance Facility that is terminated at a customer designated premises. This charge specified in Section 12.1.1 following will apply even if the customer designated premises and the serving wire center are collocated in a Telephone Company building.

ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)

4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

4.2.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(1) Entrance Facility (Cont'd)

If the serving wire center for the customer designated premises is that of another local exchange carrier, an Entrance Facility charge will not be billed by the Company.

A Customer's Switched Transport may be connected to the Entrance Facility of another customer, providing the other customer submits a letter of authorization for this connection and assumes full responsibility for the cost of the Entrance Facility.

(2) Direct Trunked Transport

The Direct Trunked Transport rate elements recover a portion of the cost associated with the communications path between a serving wire center and an end office or serving wire center and a tandem on circuits dedicated to the use of a single customer.

Direct Trunked Transport is available to all tandems and to all end offices of the Company.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)****4.2.3 Rate Categories (Cont'd)****(A) Switched Transport (Cont'd)****(2) Direct Trunked Transport (Cont'd)**

Three types of Direct Trunked Transport are available: (1) Voice Grade (an analog channel with an approximate bandwidth of 300 to 3000 Hz), (2) High Capacity DSI (an isochronous serial digital channel with a rate of 1.544 Mbps), and (3) High Capacity DS3 (an isochronous serial digital channel with a rate of 44.736 Mbps). The minimum period for which a High Capacity DS3 Direct Trunked Transport is provided is twelve months.

High Capacity DS3 Direct Trunked Transport can not be terminated at end offices that are not identified as hub offices that provide DS3 to DSI multiplexing. Additionally, DSI Direct Trunked Transport can not be terminated at end offices that are not identified as hub offices that provide DS 1 to Voice Grade multiplexing or are not electronic end offices. Offices that provide multiplexing are identified in NECA Tariff F.C.C. No.4, Wire Center Information.

Direct Trunked Transport rates consist of a Direct Trunked Facility rate specified in Section 12.1.1.(C) following which is applied on a per mile basis and a Direct Trunked Termination rate specified in Section 12.1. 1. (D) which is applied at each end of each measured segment of the Direct Trunked Facility (e.g., at the end office, hub, tandem, and serving wire center). When the Direct Trunked Facility mileage is zero, neither the Direct Trunked Facility rate nor the Direct Trunked Termination rate will apply.

The Direct Trunked Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits.

The Direct Trunked Termination rate specified 12.1.1.(D) following recovers a portion of the costs of the circuit equipment that is necessary for the termination of each end of the Direct Trunked Facility.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)**4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)4.2.3 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(3) Tandem-Switched Transport

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

## ACCESS SERVICE

4. SWITCHED ACCESS SERVICE (Cont'd)4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)4.2.3 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(4) Multiplexing

DS3 to DSI Multiplexing charges specified in Section 12.1.1.(F) following apply when a High Capacity DS3 Entrance Facility or High Capacity DS3 Direct Trunked Facility is connected with High Capacity DS 1 Direct Trunked Transport. The DS3 to DS 1 multiplexer will convert a 44.736 Mbps channel to 28 DS 1 channels using digital time division multiplexing. DS 1 to Voice Grade Multiplexing charges apply when a High Capacity DS 1 Entrance Facility or High Capacity DS 1 Direct Trunked Facility is connected with Voice Grade Direct Trunked Transport. However, a DS 1 to Voice Grade Multiplexing charge does not apply when a High Capacity DS 1 Entrance Facility or High Capacity DS 1 Direct Trunked Transport is terminated at an electronic end office and only Switched Access Service is provided over the DS 1 facility (i.e., Voice Grade Special Access channels are not derived). The DSI to Voice Grade multiplexer will convert a 1.544 Mbps channel to 24 Voice Grade channels.

Multiplexing is only available at wire centers identified in NECA Tariff F.C.C No.4, Wire Center Information.

Issued: April 4, 2008

Effective: May 4, 2008

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**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE** (Cont'd)4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)4.2.3 Rate Categories (Cont'd)(B) End Office

The End Office rate category establishes the charges related to the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office.

(1) Local Switching

The Local Switching rate element 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 Telephone Company Intercept Operators or recordings, the STP costs, and the SS7 signaling function between the end office and the Signaling Transfer Point.

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with Local Switching which provides local dial switching for Feature Group D. International dialing provides the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard FGD equipped end office.

The Local Switching rate is as set forth in the Section 12.1.2 following.

**ACCESS SERVICE**

**4. SWITCHED ACCESS SERVICE (Cont'd)**

4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

4.2.3 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(2) Shared End Office Trunk Port

Provides for the termination of Tandem Switched Transport to an end office. Access minutes for all Switched Access Service subject to shared End Office Trunk Port will be multiplied by the per minute of use rate.

(3) Dedicated End Office Trunk Port

Provides for the termination of Direct Transport trunks at the end office and is applied monthly, per activated trunk.

Issued: April 4, 2008

Effective: May 4, 2008

James D. Mitchell, Vice President  
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**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)**4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)4.2.3 Rate Categories (Cont'd)(C) Chargeable Optional Features

Following is a description of the rate categories for the facilities required to provide Switched Access Services to the Customer.

(1) Where facilities permit, the Company will, at the option of the Customer, provide the following chargeable optional features.

(a) 8VY Toll Free Database Access Service

8VY Toll Free Database Access Service is provided to all Customers in conjunction with FGD switched access service. The term "8VY Toll Free Database Service" denotes a tollfree originating Trunkside Access Service when the 8VY service Access Code (i.e, 800, 822, 833, 844, 855, 866, 877 or 888 as available) is used. When a 1+8VY+NXX-XXXX toll free call is originated by an end user, the Company will utilize the Signaling System 7 (SS7) network to query an 8VY Toll Free series database to identify the Customer to whom the call will be delivered and provide vertical features based on the dialed ten digits. The call will then be routed to the identified Customer over FGD switched access.

A Query charge, as set forth in Section 12.1.5 of this tariff, is assessed for each query launched to the database which identifies the Customer to whom the call will be delivered.



**ACCESS SERVICE**

**4. SWITCHED ACCESS SERVICE (Cont'd)**

4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

4.2.4 Descriptions and Application of Rates

(A) Recurring Rates

- (1) Usage Rates for Switched Access Service are rates that apply on a per access minute or a per call basis. Access minute charges and per call charges are accumulated over a monthly period.
- (2) Flat Rates for Switched Access Service are rates that apply on a per month per rate element basis.

(B) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service and service rearrangements. These charges are in addition to the Access Order Charge as specified in Section 12 following.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)****4.2.4 Descriptions and Application of Rate (Cont'd)****(B) Nonrecurring Charges (Cont'd)****(1) Installation of Service**

A nonrecurring installation charge, as set forth in Section 12 following, will be applied at the service wire center for each Entrance Facility installed.

**(2) Service Rearrangements**

All changes to existing services other than changes involving administrative will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in (1) preceding will apply for this work activity.

For conversion of FGD trunks from multifrequency address signaling to SS7 signaling or from SS7 signaling to multifrequency address signaling, nonrecurring charges will apply as set forth in Section 12.

**4.2.5 Billing Validation Service**

The Company shall arrange to have its billing validation data stored in one of the existing Line Information Databases (LIDBs). It will be the responsibility of the Customer to identify this database through established industry procedures and to query the billing validation data in the LIDB. Based on the received query information, the LIDB will respond with an SS7 formatted confirmation of validity or denial for the requested billing option. Access in LIDB provides Customer with potential toll fraud detection.

The LIDB will contain a record for every working line number and Billed Number Group served by the Company.

The Company will update the LIDB information on a daily basis.

LIDB service is provided on an on-line, call-by-call basis. Company data accessed from the LIDB shall remain the sole property of the Company and may not be stored or reproduced by the Customer for any reason.

The Company will have procedures in place to deactivate billing validation data in the event that it is being used fraudulently.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.2 Provision and Description of Switched Access Service Arrangements (Cont'd)****4.2.6 Acceptance Testing**

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

**4.2.7 Ordering Options and Conditions**

Access Service is ordered under the Access Order provisions set forth in Sections 3.1 and 3.2 above.

**4.3 Obligations of the Company**

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

**4.3.1 Network Management**

The Company will administer its network to ensure the provision of acceptable service levels to all telecommunications users of the Company's network Services. Generally, service levels are considered acceptable only when both end users and Customers are able to establish connections with little or no delay encountered within the Company network. The Company reserves the right to apply protective controls, (i.e., those actions, such as call gapping, which selectively cancel the completion of traffic), over any traffic carried over its network, including that associated with a Customer's Switched Access Service. Generally such protective measures would only be taken as a result of occurrences such as failure or overload of Company or Customer facilities, natural disasters, mass calling or national security demands. The Customer will notify the Company of anticipated peaked services as stated below. Based on the information provided, the Company will work cooperatively with the Customer to determine the appropriate level of control. In the event that the protective controls applied by the Company result in the complete loss of service by the Customer, the Customer will be granted a credit allowance for service interruption as set forth in Section 2.6 above.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)****4.3 Obligations of the Company (Cont'd)****4.3.1 Network Management (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 NP A 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 2.

**4.4 Switched Access Optional Features**

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups for Switched Access Service.

**4.4.1 Nonchargeable Optional Features****(A) Signaling System Seven (SS7)**

This option provides out-of-band transmission of SS7 protocol signaling information between the Local Switching center switching system and the Customer's designated premises. Prior to installation of any SS7 circuits, the Customer must agree to participate in SS7 certification testing. The Company will provide a testing plan to the Customer, and reserves the right to deny SS7 connectivity if the Customer's circuits do not meet the testing requirements.

**(B) Supervisory Signaling**

Where the transmission parameters permit, and where signaling conversion is required by the Customer to meet its signaling capability, the Customer may order an optional supervisory signaling arrangement in the form of Multi-frequency (MF) Signaling for each transmission path.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)**4.4 Switched Access Optional Features (Cont'd)4.4.2 Feature Group D Optional Features(A) Common Switching Optional Features

- (1) Alternate Traffic Routing: This option provides the capability of directing originating traffic from a Local Switching Center to a direct access Trunk group, with additional traffic overflowing to the access Tandem Trunk group and then to a Customer designated premises. Multiple Customer premises Alternate Routing is also available where originating traffic from a Local Switching Center is directed via a Trunk group to a Customer designated premises until that group is fully loaded, and then additional originating traffic from the same Local Switching center or access tandem is delivered via a different Trunk group to a second Customer designated Premise. The Customer shall specify the last Trunk CCS desired for the high use group.
- (2) Automatic Number Identification (ANI): This option provides the automatic in-band transmission signaling of a seven or ten digit number and information digits to the Customer's premises for calls originating in the LATA for the identification of the calling station. The ANI feature is a Local Switching center software function which is associated on a call-by-call basis with: 1) all individual transmission paths in a trunk group routed directly between a Local Switching Center and a Customer's premises; or where technically feasible, 2) all individual transmission paths in a Trunk group between and Local Switching Center and an Access Tandem, and a Trunk group between and Access Tandem and a Customer's premises.

The ten-digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven-digit ANI telephone number. The ten-digit ANI telephone number will be transmitted on all calls except those identified as multi-party line or ANI failure in which case only the NPA will be transmitted.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)**4.4 Switched Access Optional Features (Cont'd)4.4.2 Feature Group D Optional Features (Cont'd)(A) Common Switching Optional Features (Cont'd)

- (3) Cut-Through: This option allows end users of the Customer to reach the Customer's premises by using the end of dialing digit (#) at the end of the dialing sequence. The Company will not record any other dialed digits for these calls.
- (4) Service Class Routing: This option provides the capability of directing originating traffic from a Local Switching Center to a Trunk group to a Customer designated premises, based on the line class of service and service prefix indicator. A domestic Interexchange Carrier may not order more than four different routes per Local Switching Center or Access Tandem. An international Interexchange Carrier may order up to four additional routes.
- (5) Feature Group D with 950 Access (Feature Group B): This option, if made available by the Company, provides for the routing of originating calls, dialed using a 950-10XX or 950-1XXX Access Code, to the FGD Customer using FGD signaling protocols and technical specification. The Customer is responsible for distinguishing between standard FGD calls and 950-dialed calls delivered over the same trunks.
- (6) Basic Initial Address Message Delivery: This option permits the following optional SS7 signaling call setup parameters: User Service Information, Called Party Number, calling Party Number, Charge Number, Originating Line Information, Transit Network Selection, Carrier Selection, Service Code and Access Transport.

**ACCESS SERVICE****4. SWITCHED ACCESS SERVICE (Cont'd)**4.4 Switched Access Optional Features (Cont'd)4.4.2 Feature Group D Optional Features (Cont'd)(A) Common Switching Optional Features (Cont'd)

- (7) Called Directory Number Delivery: This option provides the Customer with the telephone number to which the call was directed. The seven or ten digit number is provided as part of the in-band transmission with MF signaling. The Called Directory Number Delivery feature is associated on a call-by-call basis with all individual transmission paths in a Trunk group routed from an Access Tandem or the originating Local Switching Center. This option is available except when FGD is provided with 950 access (Feature Group B) or Cut-Through features.
- (8) Flexible Automatic Number Identification Delivery: This feature is a network enhancement to ANI. The feature is available on inbound signaling or in the Originating Line Information Parameter in the Basic Initial Address Message Delivery optional feature for SS7 signaling. Flexible ANI will provide additional values for Information Indicator (II) digits that are associated with various classes of service not associated with the standard ANI digits. This feature may only be used in conjunction with ANI. The following Information Indicator codes are available: Confinement/Detention Facilities; Outward Wide Area Telecommunications Service; Cellular Service; Private Pay Station; and, Access for Private Virtual Networks.

**ACCESS SERVICE****5. END USER ACCESS SERVICE**5.1 End User Common Line

The Company will provide End User Access Service (End User Access) to end users who obtain local exchange service from the Company under its general and/or local exchange tariffs. End User Access provides for the use of an End User Common Line (EUCL).

5.1.1 Limitations

Telephone number detail billing, directory listings and intercept arrangements are not included with End User Access.

5.1.2 Undertaking of the Company

The Company will provide End User Access at rates and charges as set forth in Section 12.2 of this Tariff as follows:

Use of an EUCL for intrastate Access Services provided under this tariff. Such use will be provided when the end user obtains local exchange service.

The Company will be responsible for contacts and arrangements with customers for the billing of End User Access charges.

5.1.3 Payment Arrangements and Credit Allowances(A) Minimum Period

The minimum period for which EUCL End User Access is provided to an end user and for which charges are applicable is the same as that in the general and/or local exchange tariffs for the associated local exchange service.

(B) Cancellation of Orders

End User Access is cancelled when the order for the associated local telephone exchange service is cancelled. No cancellation charges apply.

(C) Changes to Orders

When changes are made to orders for the local exchange service associated with End User Access, any necessary changes will be made for End User Access. No charges will apply.



**ACCESS SERVICE****S. END USER ACCESS SERVICE (Cont'd)**5.1 End User Common Line (Cont'd)5.1.3 Payment Arrangements and Credit Allowances (Cont'd)(D) Allowance for Interruptions

When there is an interruption to an EUCL, requested End User Access credit allowances for interruptions will be provided as set forth for credit allowance for interruptions in Section 2.6.1 above.

(E) Temporary Suspension of Service

When an end user temporarily suspends its local exchange service which is associated with EUCL, one-half of the EUCL per month charge will be temporarily suspended for the time period the local exchange service is suspended.

5.1.4 Rate Regulations

When the end user's local service is provided by the Company, the end user will be charged the End User Common Line (EUCL) charge.

(A) Residence Service

Residence EUCL rates, as set forth in Section 12.2 following, apply to common lines that are subject to residential rates under the Company's General or Local tariff.

End user residence EUCL rates are applied as primary or nonprimary.

The primary residence rate is assessed to the residential subscriber line which is any or all of the following:

- (1) the only line provided at that service address; or,
- (2) the first line installed at that location. Any additional residence exchange lines at the same service location, regardless of the named subscriber, will be assessed the nonprimary rate; or
- (3) the line designated as the primary line by the billed party or parties when multiple exchange lines are ordered at the same time for the same service location.

In most cases only one line at a service location can be classified primary, all others are considered to be nonprimary.

**ACCESS SERVICE**

**5. END USER ACCESS SERVICE (Cont'd)**

5.1 End User Common Line (Cont'd)

5.1.4 Rate Regulations (Cont'd)

(B) Business Service

Business Single Line EUCL rates, as set forth in Section 12.2 following, apply to common lines that are not subject to residential rates under the Company's General of Local tariff when only one such line is obtained by the same customer from the Company.

Business Multiline EUCL rates, as set forth in Section 12.2 following, apply to common lines, that are not subject to residential rates under Company General or Local tariffs when more than one such line is obtained by the same customer from the Company and to all pay telephone common lines. Central Office located Centrex-type services are rated as set forth in Section 12.2 following for Business Multiline.

(C) Remote Call Forwarding

For service provided as Remote Call Forwarding, residential or business, under the Company's General or Local exchange service tariff, EUCL charges do not apply.

(D) Pay Telephone Common Lines

Pay Telephone common lines and related facilities are rated as Business Multiline with respect to the EUCL charge as set forth in Section 12.2 following.

**ACCESS SERVICE**

**6. CARRIER COMMON LINE**

6.1 General

The Company will provide Carrier Common Line Access Service to Customers in conjunction with Switched Access Service provided in Section 4 of this tariff. Carrier Common Line provides for the use of End Users' Company-provided common lines by Customers for access to such End Users to furnish Intrastate Communications.

6.2 Limitations

No telephone number or detailed billing will be provided with Carrier Common Line Access. Directory listings and intercept arrangements are not included in the rates and charges for Carrier Common Line Access.

6.3 Application of Intrastate Charges

Intrastate rates apply only to that portion of Carrier Common Line Service provided for intrastate usage. Jurisdictional reporting is required as described in Section 2.3.3 of this tariff.

**ACCESS SERVICE****7. SPECIAL CONSTRUCTION****7.1 Special Construction****7.1.1 Basis for Rates and Charges**

Rates and charges for special construction will be determined by the Company on an Individual Case Basis and based, in part, on the costs incurred by the Company and may include (1) non-recurring type charges, (2) recurring type charges, (3) termination liabilities, or (4) combinations thereof.

**7.1.2 Termination Liability**

To the extent that there is no other requirement for use by the Company, a termination liability may apply for facilities specially constructed at the request of the Customer.

- (A) The termination liability period is the initial service term with respect to said specially constructed facilities.
- (B) The amount of maximum termination liability is equal to the rates and charges established pursuant to Section 7.1.1 above:
- (C) The applicable termination liability charge is based on the normal method for calculating the unpaid balance of a term obligation. The amount of such charge is obtained by multiplying the sum of the amounts determined as set forth in Section 7.1.2.(B) above by a factor related to the unexpired period of liability and the discount rate for return and contingencies. This product is adjusted to reflect applicable taxes.

**7.2 Individual Case Basis Arrangement**

When the Company furnishes a facility or service for which a rate or charge is not specified in the Company's tariffs, charges will be determined on an individual case basis. Specialized rates or charges will be made available to similarly situated Customers on a nondiscriminatory basis.

**ACCESS SERVICE**

**8. MISCELLANEOUS SERVICES**

The following Miscellaneous Services are addressed in this section:

Additional Labor  
Additional Testing  
Maintenance of Service  
Presubscription  
Billing Name and Address

In this section, normally scheduled working hours are an employee's scheduled work period in any given calendar day (e.g., 8:00 a.m. to 5:00 p.m.) for the application of rates based on working hours.

Rates for miscellaneous services provided for this Section 8 are set forth in Section 12.4.

Issued: April 4, 2008

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Effective: May 4, 2008

## ACCESS SERVICE

8. MISCELLANEOUS SERVICES (Cont'd)8.1 Additional Labor

Additional Labor is that labor requested by the customer on a given service and agreed to by the Company as set forth in Sections 8.1.1 through 8.1.5 following. The Company will notify the customer that additional labor charges as set forth in Section 12.4.1 following will apply before any Additional Labor is undertaken. A call-out of a Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

8.1.1 Overtime Installation

Overtime installation is that Company installation effort outside of normally scheduled working hours.

8.1.2 Overtime Repair

Overtime repair is that Company effort performed outside of normally scheduled working hours.

8.1.3 Standby

Standby includes all time in excess of one-half (1/2) hour during which Company personnel standby to make installation acceptance tests or cooperative tests with a customer to verify facility repair on a given service.

8.1.4 Testing and Maintenance with Other Telephone Companies

Additional testing, maintenance or repair of facilities which connect other telephone companies is that which is in addition to the normal effort required to test, maintain or repair facilities provided solely by the Company.

8.1.5 Other Labor

Other labor is that additional labor not included in Sections 8.1.1 through 8.1.4 above and labor incurred to accommodate a specific customer request that involves only labor which is not covered by any other section of this tariff.

## ACCESS SERVICE

8. MISCELLANEOUS SERVICES (Cont'd)8.2 Testing Services

Testing Services offered under this section of the tariff are optional and subject to rates and charges as set forth in Section 12.4.2 following. A call-out of a Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours. Other testing services, as described in Section 4.2.6 above, are provided by the Company in association with Access Services and are furnished at no additional charge.

Testing services are normally provided by Company personnel at Company locations; however, provisions are made in Section 8.2.1 following for a customer to request Company personnel to perform Testing Services at the customer designated premises.

The offering of Testing Services under this section of the tariff is made subject to the availability of the necessary qualified personnel and test equipment at the various test locations mentioned in Sections 8.2.1 and 8.2.2 following.

8.2.1 Switched Access Service

Testing Services for Switched Access are comprised of (a) tests which are performed during the installation of a Switched Access Service, (i.e., Acceptance Tests), (b) tests which are performed after customer acceptance of such access services and which are without charge (i.e., routine testing) and (c) additional tests which are performed during or after customer acceptance of such access services and for which additional charges apply, (i.e., Additional Cooperative Acceptance Tests and in-service tests).

Routine tests are those tests performed by the Company on a regular basis, as set forth in Section 4.2.6 above which are required to maintain Switched Access Service. Additional in-service tests may be done on an automatic basis (no Company or customer technicians involved), on a manual basis (Company technician(s) involved at Company office(s) and Company or customer technician(s) involved at the customer designated premises).

## ACCESS SERVICE

8. MISCELLANEOUS SERVICES (Cont'd)8.2 Testing Services (Cont'd)8.2.1 Switched Access Service (Cont'd)(A) Additional Cooperative Acceptance Testing

Additional Cooperative Acceptance Testing of Switched Access Service involves the Company provision of a technician at its office(s) and the customer provision of a technician at its premises, with suitable test equipment to perform the required tests.

Additional Cooperative Acceptance Tests may, for example, consist of the following tests:

- Impulse Noise
- Phase Jitter
- Signal to C-Notched Noise Ratio
- Intermodulation (Nonlinear) Distortion
- Frequency Shift (Offset)
- Envelope Delay Distortion
- Dial Pulse Percent Break

(B) Additional Automatic Testing

Additional Automatic Testing (AA T) of Switched Access Services is a service where the customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent. The customer may order, at additional charges, gain-slope and C-notched noise testing and may order the routine tests (1004 Hz loss, C-Message Noise and Balance) on an as-needed or more than routine schedule.

The Company will provide an AA T report that lists the test results for each trunk tested. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as- occurs basis.

The Additional Tests, (i.e., gain slope, C-notched noise, 1004 Hz loss, C-message noise and balance) may be ordered by the customer at additional charges, 60 days prior to the start of the customer prescribed schedule. The rates for Additional Automatic Tests are as set forth in Section 12.4.2 following.



**ACCESS SERVICE****8. MISCELLANEOUS SERVICES (Cont'd)**8.2 Testing Services Cont'd)8.2.1 Switched Access Service (Cont'd)(C) Additional Manual Testing

Additional Manual Testing (AMT) of Switched Access is a service where the Company provides a technician at its office(s) and the Company or customer provides a technician at the customer designated premises, with suitable test equipment to perform the required tests. Such additional tests will normally consist of gain-slope and C-notched noise testing. However, the Company will conduct any additional tests which the IC may request.

The Company will provide an AMT report listing the test results for each trunk tested. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on a per occurrence basis.

The Additional Manual Tests may be ordered by the customer at additional charges, 60 days prior to the start of the testing schedule as mutually agreed to by the customer and the Company.

The rates for Additional Manual Testing are as set forth in Section 12.4.2 following.

(D) Obligations of the Customer

- (1) The customer shall provide the Remote Office Test Line priming data to the Company, as appropriate, to support routine testing as set forth in Section 4.2 above.
- (2) The customer shall make the facilities to be tested available to the Company at times mutually agreed upon.

**ACCESS SERVICE**

**8. MISCELLANEOUS SERVICES (Cont'd)**

8.2 Testing Services (Cont'd)

8.2.2 Special Access Service

The Company will provide assistance in performing specific tests requested by the customer.

(A) Additional Cooperative Acceptance Testing

When a customer provides a technician at its premises or at an end user's premises with suitable test equipment to perform the requested tests, the Company will provide a technician at its office for the purpose of conducting Additional Cooperative Acceptance Testing on Voice Grade Services. At the customer's request, the Company will provide a technician at the customer's premises or at the end user premises. These tests may, for example, consist of the following:

Attenuation Distortion (i.e., frequency response)  
Intermodulation Distortion (i.e., harmonic distortion)  
Phase Jitter  
Impulse Noise  
Envelope Delay Distortion  
Echo Control  
Frequency Shift

(B) Additional Manual Testing

The Company will provide a technician at its premises, and the Company or customer will provide a technician at the customer's designated premises with suitable test equipment to perform the requested tests.

(C) Obligation of the Customer

When the customer subscribes to Testing Service as set forth in this section, the customer shall make the facilities to be tested available to the Company at times mutually agreed upon.

ACCESS SERVICE

8. MISCELLANEOUS SERVICES (Cont'd)

8.3 Maintenance of Service

- 8.3.1 When a customer reports a trouble to the Telephone Company for clearance and no trouble is found in the Telephone Company's facilities, the customer shall be responsible for payment of a Maintenance of Service charge as set forth in Section 12.4.3 following for the period of time from when Telephone Company personnel are dispatched, at the request of the customer, to the customer designated premises to when the work is completed. Failure of Telephone Company personnel to find trouble in Telephone Company facilities will result in no charge if the trouble is actually in those facilities, but not discovered at the time.
- 8.3.2 The customer shall be responsible for payment of a Maintenance of Service charge when the Telephone Company dispatches personnel to the customer designated premises, and the trouble is in equipment or communications systems provided by other than the Telephone Company or in detariffed CPE provided by the Telephone Company.
- 8.3.3 In either Section 8.3.1 or 8.3.2 above, no credit allowance will be applicable for the interruption involved if the Maintenance of Service Charge applies.

ACCESS SERVICE

8. MISCELLANEOUS SERVICES (Cont'd)

8.4 RESERVED FOR FUTURE USE

Issued: April 4, 2008

Effective: May 4, 2008

James D. Mitchell, Vice President  
ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001

## ACCESS SERVICE

8. MISCELLANEOUS SERVICES (Cont'd)8.5 Presubscription - Presubscribed Interexchange Carrier Charge (PICC)

8.5.1 Presubscription is the process by which end user customers may select and designate to the Company an IC to access, without an access code, for intraLATA and interLATA, intrastate calls. This IC is referred to as the end user's presubscribed IC.

8.5.2 New end users who are served by end offices equipped with Feature Group D will be asked to pre subscribe to an IC at the time they place an order with the Company for Telephone Exchange Service. They may select either of the following options. There will be no charge for this initial selection.

- designate a primary IC for all of its lines,
- designate a different IC for each of its lines.

Only one IC may be selected for each individual line, or lines terminating in the same hunt group. Subsequent to the installation of Telephone Exchange Service and after the end user's initial selection of a presubscribed IC, for any change in selection, a nonrecurring charge, as set forth in Section 12.4.5 following, applies.

8.5.3 If the new end user fails to designate an IC as its presubscribed IC prior to the date of installation of Telephone Exchange Service, the Company will (1) allocate the end user to an IC based upon current IC presubscription ratios, (2) require the end user to dial an access code (101XXXX) for all intrastate calls, or (3) block the end user from intrastate calling. The end user will be notified which option will be applied if they fail to presubscribe to an IC. An allocated or blocked end user may designate another, or initial, IC as its pre subscribed IC one time at no charge, if it is requested within six months after the installation of Telephone Exchange Service. For any change in selection after 6 months from the installation of Telephone Exchange Service, a nonrecurring charge, as set forth in Section 12.4.5 following applies.

8.5.4 If an IC elects to discontinue its Feature Group D service, the IC will notify the Company of the cancellation. The IC will also notify all end users which selected them that they are canceling their service and that they should contact the Company to select a new primary IC. The IC will also inform the end user that it will pay the presubscription change charge.

## ACCESS . SERVICE

8. MISCELLANEOUS SERVICES (Cont'd)8.5 Presubscription - Pre subscribed Interexchange Carrier Charge (PICe) (Cont'd)

8.5.5 If an IC elects to change or discontinue use of a Carrier Identification Code (CIC) for any reasons other than those set forth in Section 8.5.4 above, the IC will identify to the Company any affected end users and advise the Company of the new CIC to be assigned to these end users. If the CIC change involves a change of carrier for any end users, the IC will notify the affected end users of the change. The Company will change the presubscribed carrier code of each end user identified by the IC to the new CIC and bill the IC the nonrecurring charge set forth in Section 12.4.5 following for each end user line or trunk that is changed.

8.6 Billing Name and Address - BNA

Billing Name and Address (BNA) provides the billing name and address of an end-user who has an Automatic Number Identification recorded by the Customer (interexchange carriers, operative service providers, enhanced service providers and any other provider of intrastate telecommunication services) for telecommunications services rendered by the Customer to its end-user. The receipt of this information will allow the Customer to provide its own billing to end users who may have not have established a formal relationship with the Customer.

BNA is provided for the sole purpose of permitting the Customer to bill its telecommunications services to its end-users and may not be resold or used for any other purpose, including marketing activity such as market surveys or direct marketing by mail or by telephone. The Customer may not use BNA information to bill for merchandise, gift certificates, catalogs or other services or products

8.6.1 Undertaking of the Company

All requests for information will be by facsimile.

- (A) The Company will specify the format in which requests are to be submitted.
- (B) The BNA information will be provided for the calling number furnished to the extent a billing name and address exists in the Company's records. BNA information will not be provided for those end-users who have requested that their BNA not be disclosed for collect and bill to third party calls.
- (C) The Company will provide the most current BNA information resident in its database. Due to normal end-user account activity, there may be instances where the BNA information provided is not the BNA that was applicable at the time the message originated.

**ACCESS SERVICE**

**8. MISCELLANEOUS SERVICES (Cont'd)**

8.6 Billing Name and Address - BNA (Cont'd)

8.6.2 Obligations of the Customer

With each order for BNA Service, the Customer shall identify the authorized individual, the address, and/or the facsimile to receive the BNA information.

(A) The Customer shall institute adequate internal procedures to insure that BNA information, including that related to "confidential" non-published and nonlisted telephone numbers, is used only for the purpose set forth in this tariff and that BNA information is available only to those Customer personnel or agents with a need to know the information.

(B) The Customer shall not publicize or represent to others that the Company jointly participates with the Customer in the development of the Customer's end-user records, accounts, databases or market data, records files and databases or other systems it assembles through the use of BNA Service.

8.6.3 Usage Rates

Billing Name and Address (BNA) Customers will be assessed a per record rate for each BNA record requested pursuant to Section 12.4.6 following. This rate is billed to the Customer on a monthly basis. The BNA per record rate applies regardless of whether the requested telephone number is available in the Company's information database.

ACCESS SERVICE

9. SPECIAL ACCESS SERVICE

Special Access Service provides a transmission path to connect customer designated premises, directly, or through a Telephone Company hub or hubs where bridging or multiplexing functions are performed, or to connect a customer designated premises and a WATS Serving Office, or to connect a customer designated premises to a Public Packet Data Network Service. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

The Company provides Special Access Service under the terms and conditions of this tariff at rates established on an individual case basis. Special Access Service provided by the Company are subject to technical capability and feasibility.

Issued: April 4, 2008

Effective: May 4, 2008

James D. Mitchell, Vice President  
ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001



**ACCESS SERVICE**

**10. RESERVED FOR FUTURE USE**

Issued: April 4, 2008

James D. Mitchell, Vice President  
ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001

Effective: May 4, 2008

ACCESS SERVICE

11. RESERVED FOR FUTURE USE

Issued: April 4, 2008

James D. Mitchell, Vice President  
ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001

Effective: May 4, 2008

**SWITCHED ACCESS SERVICE****12. RATES AND CHARGES**12.1 Switched Access12.1.1 Switched Transport(A) Switched Transport - Installation Per Entrance Facility

Voice Grade 2 - Wire, First	\$ 775.00
Voice Grade 2 - Wire, Additional Voice	250.00
Grade 2 - Wire, Rearrangement Voice	25.00
Grade 4 - Wire, First	\$ 885.00
Voice Grade 4 - Wire, Additional Voice	315.00
Grade 4 - Wire, Rearrangement High	\$ 25.00
Capacity OS 1, First System	\$ 935.00
High Capacity OS 1, Each Additional System	\$ 295.00
High Capacity OSI, Rearrangement, First	300.00
High Capacity OS 1, Rearrangement, Additional	\$ 130.00
High Capacity OS3, Electrical and Optical, First	\$1,800.00
High Capacity OS3, Additional	\$1,800.00

(B) Entrance Facility Per Month

Voice Grade 2 - Wire	\$ 35.00
Voice Grade 4 - Wire	\$ 57.00
High Capacity OSI	\$ 270.00
High Capacity OS3, Electrical Interface	\$3,130.00
High Capacity OS3, Optical Interface	\$2,980.00

(C) Oirect- Trunked Transport Oirect Trunked Facility Per Mile, Per Month

Voice Grade	\$ 5.00
High Capacity OS I	\$ 30.00
High Capacity OS3, Electrical	\$ 180.00
High Capacity OS3, Optical	\$ 180.00

(O) Direct- Trunked Transport Direct Trunked Termination Per Termination, Per Month

Voice Grade	\$ 8.00
High Capacity DS 1	\$ 75.00
High Capacity DS3, Electrical Interface	\$ 900.00
High Capacity DS3, Optical Interface	\$ 900.00

Issued: April 4, 2008

Effective: May 4, 2008

James D. Mitchell, Vice President  
ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001

**SWITCHED ACCESS SERVICE****12. RATES AND CHARGES**12.1 Switched Access (Cont'd)12.1.1 Switched Transport (Cont'd)

(E)	<u>Multiplexing</u> Nonrecurring Charge		
	DS3 to DS1	\$450.00	
	DS1 to Voice	\$450.00	
(F)	<u>Multiplexing</u> Per Arrangement, Per Month		
	DS3 to DS1	\$500.00	
	DS1 to Voice	\$300.00	
(G)	<u>Tandem Switched Transport Facility</u> Per Access Minute Per Mile	\$0.0000020	(D)
(H)	<u>Tandem Switched Termination</u> <u>Local Transport Termination</u> Per Access Minute, Per Termination	\$0.0000000	
(I)	<u>Tandem Switching</u> Per Access Minute Per Tandem	\$0.0016840	(I)
(J)	<u>Dedicated Tandem Trunk Ports</u> Per Trunk, Per Month	\$12.50	

Issued by authority of an Order of the Public Service Commission of West Virginia in Case No. 13-0760-T-T dated June 18, 2013, effective July 1, 2013.

Issued: May 28, 2013

Effective: July 1, 2013

James D. Mitchell, Vice President  
ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001

**ACCESS SERVICE****12. RATES AND CHARGES**12.1 Switched Access (Cont'd)12.1.2 End OfficeLocal Switching

Per Access Minute

The rates for End Office Local Switching are based on originating and terminating access minutes.

	Per Access Minute, per minute originating	\$0.0022730	
	Per Access Minute, per minute, terminating	\$0.0007000	(D)
12.1.3	<u>Shared End Office Trunk Port</u>		
	Per Access Minute, originating	\$0.001581	
	Per Access Minute, terminating	\$0.0000000	
12.1.4	<u>Dedicated End Office Trunk Port</u>		
	Per Activated Trunk, Per Month	\$12.50	
12.1.5	<u>8YY Database Access Service</u>		
	Per Query, Basic	\$0.003089	
	Per Query, Vertical	\$0.000327	

Issued by authority of an Order of the Public Service Commission of West Virginia in Case No. 16-0757-T-T dated June 27, 2016, effective July 1, 2016.

Issued: June 1, 2016

Effective: July 1, 2016

Shawn Beqaj, Vice President  
ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001

## ACCESS SERVICE

12. RATES AND CHARGES12.2 End User Common Line (EUCLI Charge)

12.2.1	<u>Business Multiline Monthly Rate -</u> per Common Line	\$0.00
12.2.2	<u>Business Single Line and PrimID Residence Monthly Rate</u> - per Common Line	\$0.00
12.2.3	<u>Additional Residence Monthly Rate</u> - per Common Line	\$0.00
12.2.4	<u>Basic Rate ISDN Line Monthly Rate</u> - per Digital Subscriber Line	\$0.00
12.2.5	<u>Prim.ID Rate ISDN Line Monthly Rate</u> - per Digital Subscriber Line	\$0.00

Issued: April 4, 2008

Effective: May 4, 2008

James D. Mitchell, Vice President  
ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001

**ACCESS SERVICE**

**12. RATES AND CHARGES**

12.3 Service Orders

12.3.1 Switched Access Service Ordering Charge

. Per Access Service Request \$130.00

12.3.2 Switched Access Connection Charge

Per Line or Trunk, Nonrecurring \$ 25.00

12.3.3 Design Change Charge

Per Order \$ 44.45

12.3.4 Service Date Change Charge

Per Order, Per Occurrence \$ 44.45

Issued: April 4, 2008

Effective: May 4, 2008

James D. Mitchell, Vice President  
ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001

**ACCESS SERVICE****12. RATES AND CHARGES**12.4 Miscellaneous Service12.4.1 Additional Labor

	First Half Hour Or Fraction	Each Add'l Half Hour Or Fraction
Basic Time, Per Technician Normally Scheduled Working Hours	\$20.06	\$20.06
Overtime, Per Technician* Outside Normally Scheduled Working Hours and all Day Saturday	\$22.59	\$22.59
Premium Time, Per Technician* All Day Sunday, Company Holidays	\$25.12	\$25.12

12.4.2 Testing

## Basic Tests

## Per Transmission Path, Per Month

## Automatic Scheduled Testing

Per Transmission Path, Per Month \$0.62

## 1004 Hz Loss Tests performed within

a one-year period \$6.96

## C-Message Noise Tests performed within

a one-year period \$3.46

## Return Loss (Balance) Tests performed within

a one-year period \$13.88

Additional CooRerative Scheduled Testing

## Per Transmission Path, Per Month

## Gain Slope Tests performed within

a one-year period \$6.96

## C-Notched Noise Tests performed within

a one-year period \$5.54

12.4.3 Maintenance of Service

The rates charged by the Company for Maintenance of Service are the current rates for Additional Labor, Section 12.4.1 preceding.

\* A call out of a Company employee at a time not consecutive with the business day is subject to a minimum charge of four hours.

Issued: April 4, 2008

Effective: May 4, 2008

James D. Mitchell, Vice President  
ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001



## ACCESS SERVICE

12. RATES AND CHARGES12.4 Miscellaneous Service (Cont'd)12.4.5 Presubscription  
Per line or trunk

Primary InterLata or IntraLata Carrier Nonrecurring Charge	\$ 5.00
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12.4.6 Billing Name and Address

Provision of Standard Billing Detail and/or Information in magnetic tape format, per record, up to 2225 bytes	\$ 0.0105
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Data Transmission to a customer's premises of billing detail and/or information, per record transmitted	ICB rates and charges apply
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Additional Copies of the customer's monthly billing or service and features record in standard paper format, per page	\$ 0.0013
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Microfiche format, per page per microfiche record	\$ 0.0001
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Issued: April 4, 2008

Effective: May 4, 2008

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ARMSTRONG TELECOMMUNICATIONS, INC.  
One Armstrong Place, Butler, Pennsylvania 16001

**ACCESS SERVICE**

**12. RATES AND CHARGES**

12.5 Special Access Service

The Company provides Special Access Service under the terms and conditions of this tariff at rates established on an individual case basis (ICB).

12.6 Returned Check Charge

	<u>Rate</u>
Per Occasion	\$25.00

12.7 Carrier Common Line

	<u>Rate</u>	
Per Originating Access Minute	\$0.024538	
Per Terminating Access Minute	\$0.000000	(D)

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