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**CHECK SHEET**

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Title Page and Pages 1 through 107 of this tariff are effective as of the date shown. Original and revised pages as named below contain all changes from the original tariff that are in effect on the date hereof.

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
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1	First Revision*	35	Original	69	First Revision*	103	Original
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3	Original	37	Original	71	First Revision*	105	Original
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5	Original	39	Original	73	First Revision*	107	First Revision*
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8	Original	42	Original	76	Original	110	Original
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23	Original	57	Original	91	Original		
24	Original	58	Original	92	Original		
25	Original	59	Original	93	Original		
26	Original	60	Original	94	Original		
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31	Original	65	Original	99	First Revision*		
32	Original	66	First Revision*	100	First Revision*		
33	Original	67	First Revision*	101	Original		

\* Denotes changes on effective date

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Issued: June 25, 2012

Effective: June 26, 2012

Issued by:  
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**SERVICE AND RATE DESCRIPTIONS (cont'd.)**

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories

The following rate categories apply to all forms of Switched except as stated in 3.1.3:

- |                        |     |
|------------------------|-----|
|                        | (D) |
| - End Office Switching | (C) |
| - Tandem Switching     | (N) |
| - Local Transport      |     |
|                        | (D) |

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Issued: June 25, 2012

Effective: June 26, 2012

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### 3.1 Access Services (cont'd.)

(A) End Office Switching (C)

The End Office rate category provides 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 Company's end office. The End Office rate category consists of the Local Switching rate element.	(M)         
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The Local Switching rate element provides for: a) the use of end office switching equipment; b) the terminations for the end user common lines terminating in the local end office; and c) termination of a call at a Company Intercept operator or recording. The operator or recording tells a caller why a call, as dialed, could not be completed, and if possible, provides correct number. Intercept rates are assessed to Customer based on total number of access minutes. Automatic Number Identification (ANI) provides the automatic transmission of a seven or ten digit number and information digits to the Customer's premises for calls originating in the LATA, to identify the calling telephone number. The ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission path in a trunk group routed directly between an end office and a Customer's premises or, where technically feasible, with (2) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a Customer's premises. The Dedicated Switch Port provides for the termination of Tandem Switched Transport to an end office.

Access minutes for all Switched Access Service subject to the	
Dedicated Switch Port will be multiplied by the per minute	
rate set forth in Section 5.1.4	(C)

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**SERVICE AND RATE DESCRIPTIONS (cont'd.)**

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3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories

(B) Tandem Switching (N)

Tandem Switching is an access service providing transmission and tandem switching between the Customer designated premises and the Company switch(es) where the Customer's traffic is switched from or to an entity other than an End User for purposes of originating or terminating the Customer's communications.

In addition to Tandem Switching, associated rate elements include:  
Tandem Switching Transport Termination  
Tandem Switching Transport Facility  
Interconnection Charge

(1) Tandem Switching Transport Termination  
This rate element applies to the non-distance sensitive portion of the Tandem Switched Transport for transmission facilities between the Company network and the end office.

(2) Tandem Switching Transport Facility  
This rate element applies to the distance sensitive portion of the Tandem Switched Transport for transmission facilities between the Company network and the end office.

(3) Interconnection Charge  
This rate element will be applied for interconnection with the Company's network for all Switched Access minutes of use that originate or terminate at a Company end office. (N)

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Issued: June 25, 2012

Effective: June 26, 2012

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**SERVICE AND RATE DESCRIPTIONS (cont'd.)**

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(C) Local Transport

(T)

The Local Transport rate category provides for transmission facilities between the Customer's premises or collocated interconnection location and the Company's end office switch(es) where the Customer's traffic is switched to originate or terminate its communications.

Charges for Local Transport service are computed in accordance with Section 2.6.5 preceding (Ordering, Rating, and Billing of Access Services Where More Than One Exchange Telephone Company Is Involved). For purposes of determining Local Transport Mileage, distance will be measured from the wire center that normally serves the Customer's premises to the end office switch(es).

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Issued: June 25, 2012

Effective: June 26, 2012

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**SERVICE AND RATE DESCRIPTIONS (cont'd.)**

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(C) Local Transport (Cont'd.) (T)

The Company will provide Direct Trunked Transport between a Customer's premises and the Company's end office switch(es) upon request. At the Customer's option, Entrance Facility, Direct Trunked Transport, and STP Link Transport, may be provided by the Company, by the Customer, or by another carrier. If Direct Trunk Transport facilities are terminated at a Company end office switch location by a Customer, or by another carrier on behalf of a Customer, Entrance Facility Termination charges as described in 3.1.2(C)(1) will apply, but no other Local Transport elements will be charged. Where Common Channel Signaling Access is ordered by a Customer that uses Direct Trunk Transport facilities, the STP Port charge as described in 3.1.2(C)(7) will also apply.

The following paragraphs describe the Local Transport rate elements.

Local Transport - Entrance Facility;  
Common Switched Transport;  
Transport Multiplexing;  
Direct Trunked Transport;  
(D)

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**SERVICE AND RATE DESCRIPTIONS (cont'd.)**

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3.1 Access Service (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(C) Local Transport (Cont'd.) (T)

(1) Local Transport-Entrance Facility

A Local Transport-Entrance Facility provides the communication path between a Customer's premises and the Company serving wire center of that premises for the sole use of the Customer. The Local Transport-Entrance Facility category is comprised of a DS1 rate. A Local Transport-Entrance Facility is required whether the Customer's premises and the serving wire center are located in the same or different buildings.

(2) Local Transport-Common Switched Transport

(a) The Local Transport Termination rate provides for that portion of the voice frequency transmission path at the end office and at the Customer's premises.

(b) The Local Transport Facility rate provides for that portion of the voice frequency transmission path between the end office and at the Customer's premises.

(3) Transport Multiplexing

The Local Transport multiplexing feature allows for a DS3 facility to be channelized into 28 DS1 services or for a DS1 facility to be channelized into 24 Voice Grade or Voice Grade equivalent services. Multiplexing is available at the serving wire center of the customer premises or a collocation location, or at the company's premises. The multiplexing rates and charges are set forth in Section 5.2.4.

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Issued: June 25, 2012

Effective: June 26, 2012

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**SERVICE AND RATE DESCRIPTIONS (cont'd.)**

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3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(C) Local Transport (Cont'd.) (T)

(4) Local Transport- Direct Trunked Transport

The Local Transport-Direct Trunked Transport provides the transmission path from the serving wire center of the Customer's premises to an end office or as an option from the serving wire center to a tandem. This transmission path is dedicated to the use of a single Customer.

The Local Transport-Direct Trunked Transport rate category is comprised of a monthly fixed rate and a monthly per mile rate based on the facility provided. The fixed rate provides the circuit equipment at the ends of the transmission links. The per mile rate provides the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Local Transport- Direct Trunked Transport rate is the sum of the fixed rate and the per mile rate. For purposes of determining the per mile rate, mileage shall be measured as airline mileage between the serving wire center of the Customer's premises and the end office or directly to the access tandem using the V&H coordinates method.

(5) RESERVED FOR FUTURE USE (C)  
(D)

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Effective: June 26, 2012

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**SERVICE AND RATE DESCRIPTIONS (cont'd.)**

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(C) Local Transport (Cont'd.) (T)

(6) Local-Transport Facilities

DS1 facilities are available for Local Transport-Entrance Facilities and for Local Transport-Direct Trunked Transport facilities. A DS1 facility is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice-frequency transmission paths.

(7) Common Channel Signaling Access

Common Channel Signaling Access (CCSA) is comprised of a STP Port Termination rate and a STP Link Transport rate.

The STP Port Termination rate provides for the point of termination to the signal switching capability of the STP.

The STP Link Transport rate provides for the transmission facilities between the serving wire center of the customer designated premises and the Company STP.

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**SERVICE AND RATE DESCRIPTIONS (cont'd.)**

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

(C) Local Transport (Cont'd.) (T)

(8) Interface Groups

The Interface Group is provided for terminating the Local Transport at the Customer's premises. The Interface Group provides a specified premises Interface. Where transmission facilities permit, the individual transmission path between the Customer's premises and the first point of switching may at the option of the Customer be provided with optional features.

Interface Group 1 provides DS1 level digital transmission at the point of termination at the Customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths.

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Issued: June 25, 2012

Effective: June 26, 2012

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**SERVICE AND RATE DESCRIPTIONS (cont'd.)**

3.1 Access Services (cont'd.)

3.1.2 Standard Rate Categories (cont'd.)

RESERVED FOR FUTURE USE (M)

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Issued: June 25, 2012

Effective: June 26, 2012

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San Mateo, CA 94403

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**RATES AND CHARGES (cont'd.)**

5.2 Access Service

5.2.1 Service Orders

(A) Service Implementation

(1) Installation Charge  
- Per trunk \$\*

(2) Access Order Charge  
- Per Access Request \$\*

(B) Service Date Change  
- Per Access Order \$\*

(C) Design Change  
- Per Access Order \$ \*

(D) DSO Expedite Charge  
- Per DSO Order \$ \*

\* The Company's Interstate Switched Access Service recurring rates and applicable non-recurring charges shall be no higher than the Incumbent Local Exchange Carrier's equivalent rates in whose serving area the Company is providing service. If such Incumbent LEC should file changes to its Interstate Switched Access Service rates, the Company's Interstate Switched Access Service rates shall be revised as needed to remain no higher than the Incumbent's revised rates.

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Issued: June 25, 2012

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**RATES AND CHARGES (cont'd.)**

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5.2 Access Service (cont'd.)

5.2.2 Switched Access Service

Per Access Minute

(A) Colorado

Tandem Switching \$0.003250 (R)

End Office Switching \$0.002406 (R)

(B) Pennsylvania

Tandem Switching \$0.003250 (R)

End Office Switching \$0.001974 (R)

(C) All Other Jurisdictions

Tandem Switching \$0.001062 (R)

End Office Switching \$0.001342 (R)

Tandem Switching Transport (N)

Termination – Fixed \$0.000120 1

Facility – Per Mile \$0.000008 1

Interconnection Charge \$0.000000 (N)

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Issued: June 25, 2012

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**RATES AND CHARGES (cont'd.)**

5.2 Access Service (cont'd.)

5.2.3 Local Transport

(A) Entrance Facility

(1)	DS1	Nonrecurring	Monthly
	-Per Point of Termination		\$*
	Installation Charge	\$*	N/A
(2)	DS3	Nonrecurring	Monthly
	-Per Point of Termination	N/A	\$*
	Installation Charge	\$*	

(B) Direct Trunked Transport

Facility Mileage	Monthly Rate	Per Mile
DS1	\$*	\$*
DS3	\$*	\$*

(C) Network Blocking Charge<sup>1</sup>      \$0.0037      (R)

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<sup>1</sup> Applies to FG D only

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**RATES AND CHARGES (cont'd.)**

5.2 Access Service (cont'd.)

5.2.4 End Office (cont'd.)

Local Switching (cont'd.)

	Monthly Recurring Charge	
Multiplexing DS3 to DS1	\$131.25	(R)
Dedicated Switch Port Per DS1 Port	\$ 54.00	(R)
Cross Connect Per DS1 connected	\$ *	

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**RATES AND CHARGES (cont'd.)**

5.2 Access Services (cont'd.)

5.2.6 RESERVED FOR FUTURE USE (D)

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Issued: June 25, 2012

Effective: June 26, 2012

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