



July 17, 2012  
Via Web Filing

Ms. Betty McCauley, Commission Secretary  
Ohio Public Utilities Commission  
180 East Broad Street  
Columbus, OH 43215

**RE: tw telecom of ohio llc**  
**P.U.C.O. Tariff No. 13-Access**  
**Case No. 12-2097-TP-ATA**

Dear Ms. McCauley:

Enclosed for filing please find the original of the above referenced tariff revision filing and application submitted on behalf of **tw telecom of ohio llc**. The purpose of this revision is to make text changes to the VoIP-PSTN language to reflect changes to the originating Toll VoIP-PSTN access charge language pursuant to the Second Order on Reconsideration in Docket WC10-90 et al, FCC Order No. 12-47 (Released April 26, 2012). The Company respectfully requests an effective date for this filing of August 18, 2012.

The following tariff pages are included with this filing:

4 <sup>th</sup> Revised Page 1	Updated Check Sheet
2 <sup>nd</sup> Revised Page 36	Revises VoIP-PSTN language
1 <sup>st</sup> Revised Page 36.1	Revises VoIP-PSTN language
1 <sup>st</sup> Revised Page 36.2	Revises VoIP-PSTN language

Any questions you may have regarding this filing should be directed to my attention at 407-740-3002 or via email to [cwrightman@tminc.com](mailto:cwrightman@tminc.com). Thank you for your assistance in this matter.

Sincerely,

/s/ Connie Wightman

Connie Wightman  
Consultant

cc: Tammy Chatfield - tw telecom  
file: tw telecom - Ohio - Access  
tms: OHa1204

Enclosures

CW/bc

**The Public Utilities Commission of Ohio**  
**TELECOMMUNICATIONS FILING FORM**

(Effective: 01/20/2011)

This form is intended to be used with most types of required filings. It provides check boxes with rule references for the most common types of filings. It does not replace or supersede Commission rules in any way.

In the Matter of the Application of **tw telecom of ohio llc** )  
to file an Access Services Tariff Revision )  
)  
)

TRF Docket No. 90-9011-CT-TRF

Case No. 12 - 2097 - TP - ATA

NOTE: Unless you have reserved a Case #, leave the "Case No" fields BLANK.

Name of Registrant(s) **tw telecom of ohio llc**

DBA(s) of Registrant(s) \_\_\_\_\_

Address of Registrant(s) 10475 Park Meadows Drive, Littleton, Colorado 80124

Company Web Address www.twtelecom.com

Regulatory Contact Person(s) Connie Wightman

Phone: 407-740-8575

Fax: 407-740-0613

Regulatory Contact Person's Email Address cwightman@tminc.com

Contact Person for Annual Report Pamela Hollick, tw telecom of ohio llc

Phone: 317-713-8977

Address (if different from above) \_\_\_\_\_

Consumer Contact Information Pamela Hollick, tw telecom of ohio llc

Phone: 317-713-8977

Address (if different from above) \_\_\_\_\_

Motion for protective order included with filing? ☐ Yes ☒ No

Motion for waiver(s) filed affecting this case? ☐ Yes ☒ No [Note: Waivers may toll any automatic timeframe.]

**Notes:**

Section I and II are Pursuant to Chapter [4901:1-6 OAC](#)

Section III – Carrier to Carrier is Pursuant to [4901:1-7 OAC](#), and Wireless is Pursuant to [4901:1-6-24 OAC](#).

Section IV – Attestation

(1) Indicate the Carrier Type and the reason for submitting this form by checking the boxes below.

(2) For requirements for various applications, see the identified section of Ohio Administrative Code Section 4901 and/or the supplemental application form noted.

(3) Information regarding the number of copies required by the Commission may be obtained from the Commission's web site at [www.puco.ohio.gov](http://www.puco.ohio.gov) under the docketing information system section, by calling the docketing division at 614-466-4095, or by visiting the docketing division at the offices of the Commission.

(4) An Incumbent Local Exchange Carrier (ILEC) offering basic local exchange service (BLES) outside its traditional service area should choose CLEC designation when proposing to offer BLES outside its traditional service area or when proposing to make changes to that service.

**All Filings that result in a change to one or more tariff pages require, at a minimum, the following exhibits.**

Exhibit	Description:
A	The tariff pages subject to the proposed change(s) as they exist before the change(s)
B	The Tariff pages subject to the proposed change(s), reflecting the change, with the change(s) marked in the right margin.
C	A short description of the nature of the change(s), the intent of the change(s), and the customers affected.
D	A copy of the notice provided to customers, along with an affidavit that the notice was provided according to the applicable rule(s).

## Section I – Part I - Common Filings

<b>Carrier Type</b> <input type="checkbox"/> <b>Other</b> (explain below)	<input type="checkbox"/> <b>For Profit ILEC</b>	<input type="checkbox"/> <b>Not For Profit ILEC</b>	<input type="checkbox"/> <b>CLEC</b>
Change terms & conditions of existing BLES	<input type="checkbox"/> ATA <a href="#">1-6-14(H)</a> (Auto 30 days)	<input type="checkbox"/> ATA <a href="#">1-6-14(H)</a> (Auto 30 days)	<input type="checkbox"/> ATA <a href="#">1-6-14(H)</a> (Auto 30 days)
Introduce non-recurring charge, surcharge, or fee to BLES			<input type="checkbox"/> ATA <a href="#">1-6-14(H)</a> (Auto 30 days)
Introduce or Increase Late Payment	<input type="checkbox"/> ATA <a href="#">1-6-14(I)</a> (Auto 30 days)	<input type="checkbox"/> ATA <a href="#">1-6-14(I)</a> (Auto 30 days)	<input type="checkbox"/> ATA <a href="#">1-6-14(I)</a> (Auto 30 days)
Revisions to BLES Cap.	<input type="checkbox"/> ZTA <a href="#">1-6-14(F)</a> (0 day Notice)		
Introduce BLES or expand local service area (calling area)	<input type="checkbox"/> ZTA <a href="#">1-6-14(H)</a> (0 day Notice)	<input type="checkbox"/> ZTA <a href="#">1-6-14(H)</a> (0 day Notice)	<input type="checkbox"/> ZTA <a href="#">1-6-14(H)</a> (0 day Notice)
Notice of no obligation to construct facilities and provide BLES	<input type="checkbox"/> ZTA <a href="#">1-6-27(C)</a> (0 day Notice)	<input type="checkbox"/> ZTA <a href="#">1-6-27(C)</a> (0 day Notice)	
Change BLES Rates	<input type="checkbox"/> TRF <a href="#">1-6-14(F)</a> (0 day Notice)	<input type="checkbox"/> TRF <a href="#">1-6-14(F)(4)</a> (0 day Notice)	<input type="checkbox"/> TRF <a href="#">1-6-14(G)</a> (0 day Notice)
To obtain BLES pricing flexibility	<input type="checkbox"/> BLS <a href="#">1-6-14(C)(1)(c)</a> (Auto 30 days)		
Change in boundary	<input type="checkbox"/> ACB <a href="#">1-6-32</a> (Auto 14 days)	<input type="checkbox"/> ACB <a href="#">1-6-32</a> (Auto 14 days)	
Expand service operation area			<input type="checkbox"/> TRF <a href="#">1-6-08(G)</a> (0 day)
BLES withdrawal			<input type="checkbox"/> ZTA <a href="#">1-6-25(B)</a> (0 day Notice)
<b>Other*</b> (explain) <u>Access Revision per FCC Toll VoIP PSTN Traffic</u>			

## Section I – Part II – Customer Notification Offerings Pursuant to Chapter [4901:1-6-7 OAC](#)

Type of Notice	Direct Mail	Bill Insert	Bill Notation	Electronic Mail
<input type="checkbox"/> 15-day Notice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 30-day Notice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Date Notice Sent:</b>				

## Section I – Part III –IOS Offerings Pursuant to Chapter [4901:1-6-22 OAC](#)

IOS	Introduce New	Tariff Change	Price Change	Withdraw
<input type="checkbox"/> IOS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Section II – Part I – Carrier Certification - Pursuant to Chapter [4901:1-6-08, 09 & 10 OAC](#)

Certification	ILEC (Out of Territory)	CLEC	Carrier's Not Offering BLES	CESTC	CETC
* See Supplemental form	<input type="checkbox"/> ACE <a href="#">1-6-08</a> * (Auto 30- day)	<input type="checkbox"/> ACE <a href="#">1-6-08</a> * (Auto 30 day)	<input type="checkbox"/> ACE <a href="#">1-6-08</a> * (Auto 30 day)	<input type="checkbox"/> ACE <a href="#">1-6-10</a> (Auto 30 day)	<input type="checkbox"/> UNC <a href="#">1-6-09</a> * (Non-Auto)

\*Supplemental Certification forms can be found on the Commission Web Page.

## Section II – Part II – Certificate Status & Procedural

Certificate Status	ILEC	CLEC	Carrier's Not Offering BLES
Abandon all Services		<input type="checkbox"/> ABN <a href="#">1-6-26</a> (Auto 30 days)	<input type="checkbox"/> ABN <a href="#">1-6-26</a> (Auto 30 days)
Change of Official Name *	<input type="checkbox"/> ACN <a href="#">1-6-29(B)</a> (Auto 30 days)	<input type="checkbox"/> ACN <a href="#">1-6-29(B)</a> (Auto 30 days)	<input type="checkbox"/> CIO <a href="#">1-6-29(C)</a> (0 day Notice)
Change in Ownership *	<input type="checkbox"/> ACO <a href="#">1-6-29(E)</a> (Auto 30 days)	<input type="checkbox"/> ACO <a href="#">1-6-29(E)</a> (Auto 30 days)	<input type="checkbox"/> CIO <a href="#">1-6-29(C)</a> (0 day Notice)
Merger *	<input type="checkbox"/> AMT <a href="#">1-6-29(E)</a> (Auto 30 days)	<input type="checkbox"/> AMT <a href="#">1-6-29(E)</a> (Auto 30 days)	<input type="checkbox"/> CIO <a href="#">1-6-29(C)</a> (0 day Notice)
Transfer a Certificate *	<input type="checkbox"/> ATC <a href="#">1-6-29(B)</a> (Auto 30 days)	<input type="checkbox"/> ATC <a href="#">1-6-29(B)</a> (Auto 30 days)	<input type="checkbox"/> CIO <a href="#">1-6-29(C)</a> (0 day Notice)
Transaction for transfer or lease of property, plant or business *	<input type="checkbox"/> ATR <a href="#">1-6-29(B)</a> (Auto 30 days)	<input type="checkbox"/> ATR <a href="#">1-6-29(B)</a> (Auto 30 days)	<input type="checkbox"/> CIO <a href="#">1-6-29(C)</a> (0 day Notice)

\* Other exhibits may be required under the applicable rule(s). ACN, ACO, AMT, ATC, ATR and CIO applications see [the 4901:1-6-29 Filing Requirements on the Commission's Web Page](#) for a complete list of exhibits.

## Section III – Carrier to Carrier (Pursuant to [4901:1-7](#)), and Wireless (Pursuant to [4901:1-6-24](#))

Carrier to Carrier	ILEC	CLEC
Interconnection agreement, or amendment to an approved agreement	<input type="checkbox"/> NAG <a href="#">1-7-07</a> (Auto 90 day)	<input type="checkbox"/> NAG <a href="#">1-7-07</a> (Auto 90 day)
Request for Arbitration	<input type="checkbox"/> ARB <a href="#">1-7-09</a> (Non-Auto)	<input type="checkbox"/> ARB <a href="#">1-7-09</a> (Non-Auto)
Introduce or change c-t-c service tariffs,	<input type="checkbox"/> ATA <a href="#">1-7-14</a> (Auto 30 day)	<input checked="" type="checkbox"/> ATA <a href="#">1-7-14</a> (Auto 30 day)
Request rural carrier exemption, rural carrier suspension or modification	<input type="checkbox"/> UNC <a href="#">1-7-04</a> or 05 (Non-Auto)	
Changes in rates, terms & conditions to Pole Attachment, Conduit Occupancy and Rights- of-Way.	<input type="checkbox"/> UNC <a href="#">1-7-23(B)</a> (Non-Auto)	
<b>Wireless Providers</b> See <a href="#">4901:1-6-24</a>	<input type="checkbox"/> RCC [Registration & Change in Operations]	<input type="checkbox"/> NAG [Interconnection Agreement or

#### Section IV. – Attestation

Registrant hereby attests to its compliance with pertinent entries and orders issued by the Commission.

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**AFFIDAVIT**  
***Compliance with Commission Rules***

I am an officer/agent of the applicant corporation, **tw telecom of ohio llc**, and am authorized to make this statement on its behalf.

Please Check ALL that apply:

☒ I attest that these tariffs comply with all applicable rules for the state of Ohio. I understand that tariff notification filings do not imply Commission approval and that the Commission's rules as modified and clarified from time to time, supersede any contradictory provisions in our tariff. We will fully comply with the rules of the state of Ohio and understand that noncompliance can result in various penalties, including the suspension of our certificate to operate within the state of Ohio.

☐ I attest that customer notices accompanying this filing form were sent to affected customers, as specified in Section II, in accordance with Rule 4901:1-6-7, Ohio Administrative Code.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on (Date) July 17, 2012 at (Location) Maitland, Florida

\*(Signature and Title)

(Date) July 17, 2012

/s/ Connie Wightman

Connie Wightman, Consultant to **tw telecom of ohio llc**

- *This affidavit is required for every tariff-affecting filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the applicant.*

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**VERIFICATION**

I, Connie Wightman, verify that I have utilized the Telecommunications Filing Form for most proceedings provided by the Commission and that all of the information submitted here, and all additional information submitted in connection with this case, is true and correct to the best of my knowledge.

\*(Signature and Title) /s/ Connie Wightman

(Date) July 17, 2012

Connie Wightman, Consultant to **tw telecom of ohio llc**

*\*Verification is required for every filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the applicant.*

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***Send your completed Application Form, including all required attachments as well as the required number of copies, to:***

**Public Utilities Commission of Ohio**  
**Attention: Docketing Division**  
**180 East Broad Street, Columbus, OH 43215-3793**  
**Or**

***Make such filing electronically as directed in Case No 06-900-AU-WVR***

**tw telecom of ohio, llc**

Exhibit A

Existing Affected Tariff Pages

## SWITCHED ACCESS SERVICE

## CHECK SHEET

Pages of this tariff, as indicated below, are effective as of the date shown at the bottom of the respective pages. Original and revised pages, as named below, comprise all changes from the original tariff and are currently in effect as of the date on the bottom of this page.

PAGE	REVISION		PAGE	REVISION		PAGE	REVISION
Title	Original		28	Original		51	Original
1	3 <sup>rd</sup> Revised	*	29	Original		52	Original
2	Original		30	Original		53	Original
3	1 <sup>st</sup> Revised		31	Original		54	1 <sup>st</sup> Revised
4	Original		32	Original		55	1 <sup>st</sup> Revised
5	Original		33	Original		56	Original
6	Original		34	Original		57	1 <sup>st</sup> Revised
7	Original		35	1 <sup>st</sup> Revised		58	1 <sup>st</sup> Revised
8	1 <sup>st</sup> Revised		36	1 <sup>st</sup> Revised		59	Original
9	Original		36.1	Original		60	Original
10	Original		36.2	Original		61	Original
11	1 <sup>st</sup> Revised		36.3	1 <sup>st</sup> Revised	*	62	Original
12	Original		37	1 <sup>st</sup> Revised		63	Original
13	Original		37.1	1 <sup>st</sup> Revised	*	64	Original
14	1 <sup>st</sup> Revised		38	Original		65	Original
15	Original		39	Original			
16	Original		40	Original			
17	Original		41	Original			
18	Original		42	Original			
19	Original		43	Original			
20	Original		44	Original			
21	Original		45	Original			
22	Original		45.1	Original			
23	Original		46	Original			
24	Original		47	Original			
25	Original		48	Original			
26	Original		49	Original			
27	Original		50	Original			

\* - indicates those pages included with this filing

Issued: June 8, 2012

Effective: July 9, 2012

Issued By: Pamela Sherwood, Vice President, Regulatory Affairs  
10475 Park Meadows Drive  
Littleton, CO 80124

OHa1203a

## SWITCHED ACCESS SERVICE

## SECTION 2 - TERMS AND CONDITIONS, (CONT'D.)

## 2.17 Jurisdictional Reporting and Identification of Toll VoIP-PSTN Traffic, (Cont'd.)

(T)

## 2.17.2 IntraLATA Toll Usage, (Cont'd.)

To the extent that sufficient call detail is unavailable and the Customer has failed to provide its projected PLU, the Company shall allocate unidentifiable minutes subject to the PLU as 50 percent IntraLATA Toll Usage traffic and 50 percent local traffic.

Based on distribution of traffic (identifiable, Customer based PLU, Default PLU), the Company may derive an aggregated factor.

## 2.17.3 Identification of Toll VoIP-PSTN Traffic

(M)

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

(M)

This section does not preclude carriers from negotiating different rates, terms and conditions governing compensation for Toll VoIP-PSTN traffic.

This tariff does not supersede rates, term and conditions governing compensation for Toll VoIP-PSTN traffic in existing interconnection agreements.

Rates, term and conditions governing compensation for Toll VoIP-PSTN traffic in this tariff applies prospectively, however application of this tariff retrospectively is allowable with mutual consent with the Customer.

## A. Calculation and Application of Percent-VoIP-PSTN-Usage Factors

The Company will determine the number of Toll VoIP-PSTN Traffic minutes of use ("MOU") to which interstate rates will be applied under Section 3.1.4, by applying a Percent VoIP Usage ("PVU") factor to the total intrastate access MOU (however determined – either based on call detail information, access lines or PIU) exchanged between the Company and the Customer. The PVU will be derived and applied as follows:

(N)

(M) – Certain material previously found on this page is now located on Page 36.3.

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Issued: January 24, 2012

Effective: February 24, 2012

Issued By: Pamela Sherwood, Vice President, Regulatory Affairs  
10475 Park Meadows Drive  
Littleton, CO 80124

OHa1201c

## SWITCHED ACCESS SERVICE

## SECTION 2 - TERMS AND CONDITIONS, (CONT'D.)

## 2.17 Jurisdictional Reporting and Identification of Toll VoIP-PSTN Traffic, (Cont'd.)

(N)

## 2.17.3 Identification of Toll VoIP-PSTN Traffic, (Cont'd.)

## A. Calculation and Application of Percent-VoIP-PSTN-Usage Factors, (Cont'd.)

1. The Customer will calculate and furnish to the Company a factor (the "PVU-A") representing the percentage of the total Customer VoIP lines or intrastate access MOU that the Customer exchanges with the Company in the State, that (a) is sent to the Company and that originates in IP format; or (b) is received from the Company and terminates in IP format. This PVU-A shall be based on information such as the number of the Customer'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.
2. Company will, likewise, calculate a factor (the "PVU-B") representing the percentage of the Company's total Customer VoIP lines or intrastate access MOU that the Customer exchanges with the Company in the State, that (a) is sent to the Company and that originates in IP format; or (b) is received from the Company and terminates in IP format. This PVU-B shall be based on information such as the number of the Company'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.
3. The Company will use the PVU-A and PVU-B factors to calculate an effective PVU factor that represents the percentage of total intrastate access MOU exchanged between the Company and the Customer that is originated and/or terminated in IP format, whether at the Company's end, at the Customer's end, or at both ends. The effective PVU factor will be calculated as the sum of: (A) the PVU-A factor and (B) the PVU-B factor times (1.0 minus the PVU-A factor).

(N)

Issued: January 24, 2012

Effective: February 24, 2012

Issued By: Pamela Sherwood, Vice President, Regulatory Affairs  
10475 Park Meadows Drive  
Littleton, CO 80124

OHa1201c

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SWITCHED ACCESS SERVICE

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## SECTION 2 - TERMS AND CONDITIONS, (CONT'D.)

## 2.17 Jurisdictional Reporting and Identification of Toll VoIP-PSTN Traffic, (Cont'd.)

(N)

## 2.17.3 Identification of Toll VoIP-PSTN Traffic, (Cont'd.)

## A. Calculation and Application of Percent-VoIP-PSTN-Usage Factors, (Cont'd.)

4. The Company will apply the effective PVU factor to the total originating and/or terminating intrastate access MOU exchanged with the Customer to determine the number of Toll VoIP-PSTN Traffic MOUs.

Example 1: The PVU-B is 5% and the PVU-A is 10%. The effective PVU factor is equal to  $14.5\% \text{ PVU-A} + (\text{PVU-B} \times (1 - \text{PVU-A})) = \text{PVU}\%$ . The Company will bill 14.5% of the Customer's intrastate access MOU in accordance with the Company's applicable interstate switched access tariff.

Example 2: The PVU-B is 0% and the PVU-A is 10%. The effective PVU factor is  $10\% \text{ PVU-A} + (\text{PVU-B} \times (1 - \text{PVU-A})) = \text{PVU}\%$ . The Company will bill 10% of the Customer's intrastate access MOU in accordance with the Company's applicable interstate switched access tariff.

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

5. If the Customer does not furnish the Company with a PVU-A pursuant to the preceding paragraph 1, the Company will utilize a PVU equal to the PVU-B. For example, if the PVU-B factor is 0%, the Company will utilize a PVU equal to zero.
6. The Customer shall not modify their reported PIU factor to account for Toll VoIP-PSTN Traffic.
7. The Customer shall retain the call detail, work papers, and information used to develop the PVU factors for a minimum of one year.

(N)

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Issued: January 24, 2012

Effective: February 24, 2012

Issued By: Pamela Sherwood, Vice President, Regulatory Affairs  
10475 Park Meadows Drive  
Littleton, CO 80124

OHa1201c

**tw telecom of ohio, llc**

Exhibit B

Proposed Replacement Tariff Pages

## SWITCHED ACCESS SERVICE

## CHECK SHEET

Pages of this tariff, as indicated below, are effective as of the date shown at the bottom of the respective pages. Original and revised pages, as named below, comprise all changes from the original tariff and are currently in effect as of the date on the bottom of this page.

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11	1 <sup>st</sup> Revised		36.3	1 <sup>st</sup> Revised		62	Original
12	Original		37	1 <sup>st</sup> Revised		63	Original
13	Original		37.1	1 <sup>st</sup> Revised		64	Original
14	1 <sup>st</sup> Revised		38	Original		65	Original
15	Original		39	Original			
16	Original		40	Original			
17	Original		41	Original			
18	Original		42	Original			
19	Original		43	Original			
20	Original		44	Original			
21	Original		45	Original			
22	Original		45.1	Original			
23	Original		46	Original			
24	Original		47	Original			
25	Original		48	Original			
26	Original		49	Original			
27	Original		50	Original			

\* - indicates those pages included with this filing

Issued: July 18, 2012

Effective: August 18, 2012

Issued By: Pamela Sherwood, Vice President, Regulatory Affairs  
10475 Park Meadows Drive  
Littleton, CO 80124

OHa1204

## SWITCHED ACCESS SERVICE

## SECTION 2 - TERMS AND CONDITIONS, (CONT'D.)

## 2.17 Jurisdictional Reporting and Identification of Toll VoIP-PSTN Traffic, (Cont'd.)

## 2.17.2 IntraLATA Toll Usage, (Cont'd.)

To the extent that sufficient call detail is unavailable and the Customer has failed to provide its projected PLU, the Company shall allocate unidentifiable minutes subject to the PLU as 50 percent IntraLATA Toll Usage traffic and 50 percent local traffic.

Based on distribution of traffic (identifiable, Customer based PLU, Default PLU), the Company may derive an aggregated factor.

## 2.17.3 Identification of Toll VoIP-PSTN Traffic

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This section does not preclude carriers from negotiating different rates, terms and conditions governing compensation for Toll VoIP-PSTN traffic. (T)

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Rates, term and conditions governing compensation for Toll VoIP-PSTN traffic in this tariff applies prospectively, however application of this tariff retrospectively is allowable with mutual consent with the Customer.

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The Company will determine the number of Toll VoIP-PSTN Traffic minutes of use ("MOU") to which interstate rates will be applied under Section 3.1.4, by applying a Percent VoIP Usage ("PVU") factor to the total intrastate access MOU (however determined – either based on call detail information, access lines or PIU) exchanged between the Company and the Customer, until August 18, 2012 and after July 1, 2014. From August 18, 2012 through June 30, 2014, the PVU will be applied only to terminating intrastate access MOU. The PVU will be derived and applied as follows: (T)

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Issued: July 18, 2012

Effective: August 18, 2012

Issued By: Pamela Sherwood, Vice President, Regulatory Affairs  
10475 Park Meadows Drive  
Littleton, CO 80124

OHa1204

## SWITCHED ACCESS SERVICE

## SECTION 2 - TERMS AND CONDITIONS, (CONT'D.)

## 2.17 Jurisdictional Reporting and Identification of Toll VoIP-PSTN Traffic, (Cont'd.)

## 2.17.3 Identification of Toll VoIP-PSTN Traffic, (Cont'd.)

## A. Calculation and Application of Percent-VoIP-PSTN-Usage Factors, (Cont'd.)

1. The Customer will calculate and furnish to the Company a factor (the "PVU-A") representing the percentage of the total Customer VoIP lines or intrastate access MOU that the Customer exchanges with the Company in the State, that (a) is terminating access sent to the Company and that originates in IP format; or (b) is originating access received from the Company and terminates in IP format until August 18, 2012 and after June 30, 2014. This PVU-A shall be based on information such as the number of the Customer'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. (T)  
| (T)
2. Company will, likewise, calculate a factor (the "PVU-B") representing the percentage of the Company's total Customer VoIP lines or intrastate access MOU that the Customer exchanges with the Company in the State, that (a) is sent to the Company and that originates in IP format; or (b) is received from the Company and terminates in IP format. From August 18, 2012 through June 30, 2014, the PVU-B will represent only terminating access MOU. This PVU-B shall be based on information such as the number of the Company'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. (T)  
| (T)
3. The Company will use the PVU-A and PVU-B factors to calculate an effective PVU factor that represents the percentage of total intrastate access MOU exchanged between the Company and the Customer that is originated and/or terminated in IP format, whether at the Company's end, at the Customer's end, or at both ends. From August 18, 2012 through June 30, 2014, the PVU will represent only terminating intrastate access MOU. The effective PVU factor will be calculated as the sum of: (A) the PVU-A factor and (B) the PVU-B factor times (1.0 minus the PVU-A factor). (T)  
| (T)

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 10475 Park Meadows Drive  
 Littleton, CO 80124

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SWITCHED ACCESS SERVICE

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## SECTION 2 - TERMS AND CONDITIONS, (CONT'D.)

## 2.17 Jurisdictional Reporting and Identification of Toll VoIP-PSTN Traffic, (Cont'd.)

## 2.17.3 Identification of Toll VoIP-PSTN Traffic, (Cont'd.)

## A. Calculation and Application of Percent-VoIP-PSTN-Usage Factors, (Cont'd.)

4. The Company will apply the effective PVU factor to the applicable intrastate access MOU exchanged with the Customer, as described above, to determine the number of relevant Toll VoIP-PSTN Traffic MOUs. (T)  
(T)

Example 1: The PVU-B is 5% and the PVU-A is 10%. The effective PVU factor is equal to  $14.5\% \text{ PVU-A} + (\text{PVU-B} \times (1 - \text{PVU-A})) = \text{PVU}\%$ . The Company will bill 14.5% of the Customer's applicable intrastate access MOU in accordance with the Company's interstate switched access tariff. (T)  
(T)

Example 2: The PVU-B is 0% and the PVU-A is 10%. The effective PVU factor is  $10\% \text{ PVU-A} + (\text{PVU-B} \times (1 - \text{PVU-A})) = \text{PVU}\%$ . The Company will bill 10% of the Customer's applicable intrastate access MOU in accordance with the Company's interstate switched access tariff. (T)  
(T)

Example 3: The PVU-A is 100%. No matter what the PVU-B factor is, the effective PVU is 100%. The Company will bill 100% of the Customer's applicable intrastate access MOU in accordance with the Company's interstate switched access tariff. (T)  
(T)

5. If the Customer does not furnish the Company with a PVU-A pursuant to the preceding paragraph 1, the Company will utilize a PVU equal to the PVU-B. For example, if the PVU-B factor is 0%, the Company will utilize a PVU equal to zero.
6. The Customer shall not modify their reported PIU factor to account for Toll VoIP-PSTN Traffic.
7. The Customer shall retain the call detail, work papers, and information used to develop the PVU factors for a minimum of one year.

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**tw telecom of ohio, llc**

Exhibit C

With this revision the Company is making text changes to the VoIP-PSTN language to reflect changes to the originating Toll VoIP-PSTN access charge language, pursuant to the Second Order on Reconsideration in Docket WC10-90 et al, FCC Order No. 12-47 (Released April 26, 2012).

**tw telecom of ohio, llc**

Exhibit D

Customer Notice and Affidavit

N/A

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

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Summary: Tariff Submitted on behalf of tw telcom of ohio llc, PUC Tariff No. 13-Access revision with cover letter revising originating VoIP language per FCC order. electronically filed by Mrs. Barbara E. del Castillo on behalf of tw telecom of ohio llc