



August 16, 2012  
Via Overnight Delivery

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

RE: Hypercube Telecom, LLC P.U.C.O Access Tariff No. 2  
Final Tariff Filing for Case No. 12-2057-TP-ATA; Docket No. 90-9197-TP-TRF

Dear Ms. McCauley:

Enclosed for filing please find the original and three (3) copies of the above referenced final tariff filing submitted on behalf of Hypercube Telecom, LLC in Case No. 12-2057-TP-ATA.

The Company respectfully requests an effective date for this filing of August 17, 2012.

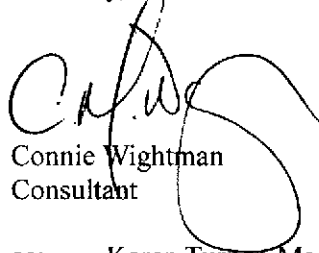
The following tariff pages are included with this filing:

3 <sup>rd</sup> Revised Page 2	Updates the Check Sheet
1 <sup>st</sup> Revised Page 25.1	Revises VoIP-PSTN language
1 <sup>st</sup> Revised Page 25.3	Revises VoIP-PSTN language
1 <sup>st</sup> Revised Page 25.4	Revises VoIP-PSTN language

Please acknowledge receipt of this filing by date-stamping the extra copy of this cover letter and returning it to me in the self-addressed, stamped envelope provided for that purpose.

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

Sincerely,



Connie Wightman  
Consultant

cc: Karen Turner, Manager - Regulatory Compliance - Hypercube  
file: Hypercube - Ohio - Access  
tms: OHa1203b

Enclosures  
CW/lw

**This is to certify that the images appearing are an accurate and complete reproduction of a case file document delivered in the regular course of business**  
Technician Am Date Processed 8/17/12

RECEIVED-DOCKETING DIV  
2012 AUG 17 AM 9:05  
PUCO

## ACCESS SERVICES

## CHECK SHEET

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

<u>PAGE</u>	<u>REVISION</u>		<u>PAGE</u>	<u>REVISION</u>
1	1st		26	Original
2	3 <sup>rd</sup>	*	27	Original
3	Original		28	Original
4	1st		29	Original
5	Original		30	Original
6	1 <sup>st</sup>		31	Original
7	1 <sup>st</sup>		32	Original
7.1	Original		33	Original
8	Original		34	1 <sup>st</sup>
9	1 <sup>st</sup>		35	Original
10	Original		36	Original
11	Original		37	Original
12	Original		38	Original
13	Original		39	Original
14	Original		40	Original
15	Original		41	Original
16	Original		42	Original
17	Original		43	Original
18	Original		44	1st
19	Original		45	1st
20	Original		46	1st
21	Original		47	2 <sup>nd</sup>
22	Original		48	Original
23	Original		49	Original
24	Original			
25	Original			
25.1	1 <sup>st</sup>	*		
25.2	Original			
25.3	1 <sup>st</sup>	*		
25.4	1 <sup>st</sup>	*		
25.5	Original			

\* Indicates pages included with this filing.

## ACCESS SERVICES

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

## 2.3 Obligations of the Customer, (Cont'd.)

## 2.3.5 Identification and Rating of Toll VoIP-PSTN Traffic

## A. Scope

VoIP-PSTN Traffic is the traffic exchanged in Time Division Multiplexing ("TDM") format that originates and/or terminates in Internet Protocol ("IP") format. This section governs the identification and billing of VoIP-PSTN Traffic pursuant to the FCC's Intercarrier Compensation Report and Order in WC Docket Nos. 10-90, et. al., FCC No. 11-161 (Nov. 18, 2011) and Second Order on Reconsideration, FCC No. 12-47 (April 25, 2012) (together, "FCC ICC Orders"). Pursuant to the FCC ICC Orders, the Company shall apply interstate access charges to relevant VoIP-PSTN Traffic. Specifically, this section establishes the method of separating such traffic (referred to in this tariff as "Relevant VoIP-PSTN Traffic") from the Customer's traditional intrastate access traffic, so that such Relevant VoIP-PSTN Traffic can be billed in accordance with the FCC ICC Orders in a symmetrical manner. In accordance with the FCC ICC Orders, intrastate VoIP-PSTN Traffic that originates on the Company's network and is bound for the Customer's end users is subject to the intrastate switched access rates set forth in this tariff until June 30, 2014, after which time it will be subject to interstate rates as indicated in Section 4 of this tariff. Intrastate Toll VoIP-PSTN traffic that is sent by the Customer for termination to the Company's end users or its VoIP partners is subject to interstate switched access rates as indicated in Section 4 of this tariff.

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## B. Methodology Options

Unless otherwise negotiated, the Customer may elect an approach from the following options to identify the Relevant VoIP-PSTN Traffic that is subject to the FCC ICC Orders:

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1. Option 1 – Self-Reporting: Self-Report Percent VoIP Usage (PVU) pursuant to Section 2.3.5.E, following; or
2. Option 2 – Call Signaling: Properly populate the Originating Line Indicator ("OLI") field of the call signaling stream to reflect that the call originated as a VoIP call, which shall be through the use of the digit-code 40 or other digit pair mutually agreed upon in writing by Customer and Company's Chief Technical Officer; or
3. Option 3 – Trunk Group Segregation: Properly segregate the calls that originate as VoIP calls and exchange such calls through a trunk group established solely for the completion of VoIP-originated calls.

## ACCESS SERVICES

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

## 2.3 Obligations of the Customer, (Cont'd.)

## 2.3.5 Identification and Rating of Toll VoIP-PSTN Traffic, (Cont'd.)

## D. Rating of Toll VoIP-PSTN Traffic

The relevant Toll VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to the Company's applicable tariffed Toll VoIP-PSTN Traffic rates as specified in Section 4 of this tariff.

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## E. Calculation and Application of Percent-VoIP-Usage Factor

For the Customer that selects Option 1 – Self Reporting, the Company will determine the number of relevant VoIP PSTN Traffic minutes of use ("MOU") to which interstate rates will be applied under subsection D, above, by applying a Percent VoIP Usage ("PVU") factor to the total intrastate access MOU exchanged between a the Company and the Customer. By default, the effective PVU will be 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, based on the FCC's Local Competition Report, as released periodically. If the Customer proposes to use a different PVU, it must be derived and applied as follows:

1. The Customer will calculate and furnish to the Company a factor (the "PVU-A") representing the whole number percentage of the total terminating intrastate access MOU that the Customer exchanges with the Company in the State, that is sent to the Company and that originated in IP format. Beginning July 1, 2014, the Customer's PVU-A shall be based on access MOU the Customer exchanges with the Company in the State that is (a) sent to the Company that originated in IP format, or (b) is received from the Company and terminated in IP format. This PVU-A shall be based on information that is verifiable by the Company such as traffic studies, actual call detail, or other relevant and verifiable information.

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2. The Company will, likewise calculate a factor (the "PVU-B") representing the whole number percentage of the Company's total terminating intrastate access MOU in the State that terminates in IP format. Beginning July 1, 2014, the PVU-B shall be based on intrastate access MOU in the State that originates or 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 the FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.

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(M) - Certain material previously located on this page is now found on Page 25.4

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## ACCESS SERVICES

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

## 2.3 Obligations of the Customer, (Cont'd.)

## 2.3.5 Identification and Rating of Toll VoIP-PSTN Traffic, (Cont'd.)

## E. Calculation and Application of Percent-VoIP-Usage Factor, (Cont'd.)

3. The Company will use the PVU-A and PVU-B factors to calculate an effective PVU factor that represents the whole number percentage of total terminating access MOU that is terminated in IP format by the Company and/or originated in IP format by the Customer. Beginning July 1, 2014, the PVU factor will represent the total 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). (M)

4. The Company will apply the effective PVU factor to the total applicable intrastate access MOU exchanged with the Customer to determine the number of Relevant VoIP-PSTN Traffic MOUs. (T)

Example 1:

The PVU-B is 10% and the PVU-A is 40%. The effective PVU factor is equal to  $40\% + (10\% \times 60\%) = 46\%$ . The Company will bill 46% of the Customer's applicable intrastate access MOU in accordance with the Company's interstate switched access tariff. (T)

Example 2:

The PVU-B is 10% and the PVU-A is 0%. The effective PVU factor is  $0\% + (100\% \times 10\%) = 10\%$ . The Company will bill 10% of the Customer's applicable intrastate access MOU in accordance with the Company's interstate switched access tariff. (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)

In the above examples, the Company will apply the PVU to terminating access from July 13, 2012 through June 30, 2014 and to originating as well as terminating access beginning July 1, 2014. (T)

5. The Customer shall not modify their reported PIU factor to account for VoIP-PSTN Traffic.

(M) - Certain material found on this page was previously located on Page 25.3

## MEMORANDUM

**TO:** Connie Wightman  
Consultant to Hypercube Telecom, LLC  
[cwightman@tminc.com](mailto:cwightman@tminc.com)

**FROM:** Robbin Russell  
Public Utilities Commission of Ohio  
[Robbin.russell@puc.state.oh.us](mailto:Robbin.russell@puc.state.oh.us)

**RE:** Request for the Filing of Final Tariffs  
Hypercube Telecom, LLC  
Case No. 12-2057-TP-ATA; 90-9197-TP-TRF

**DATE:** August 16, 2012

**DUE:** August 21, 2012

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After careful review of the Hypercube Telecom, LLC application, it has been determined that this application can be automatically approved as filed July 12, 2012 and amended July 27, 2012. This application was filed with the Commission pursuant to the rules established by the Commission in case number 10-1010-TP-ORD (1010). Under the parameters of 1010, an application for tariff amendments (ATA) is filed as an ATA filing and has a 30-day approval process. As such the automatic approval date was August 11, 2012, with an effective date of August 12, 2012.

In addition, Case No. 10-1010-TP-ORD (Telephone Company Procedures and Standards), as codified in the Ohio Administrative Code (OAC) Section 4901:1-6-11(C) (3), requires applications in which a new tariff or tariff pages are involved to be filed in a final form in the appropriate purpose code, as well as in the TRF docket for that telephone company. The final tariff must be filed within 10 calendar days after the approval date and the effective date on the tariff cannot be a date sooner than the date the final tariffs are filed with the Commission.

Therefore, please file **three** copies of (or electronically file) Case No. 12-2057-TP-ATA Exhibit B, as amended, that includes an effective date (the date the tariff is filed with the Commission) and the case number in which this tariff was approved (12-2057-TP-ATA). (Please note the tariffs will be approved but not effective until the final tariffs are filed with the Commission). Lastly, please note in the cover letter that this is a final tariff filing and make reference to both the case number (12-2057-TP-ATA) and the TRF# (90-9197-TP-TRF).

August 16, 2012

**When you file your final tariff pages please make certain that the “Issued Date” in the lower left corner of each tariff sheet reflects that date on which you file the final tariff pages.**

If you have any questions, feel free to call me at (614) 466-0401 or email me at the above address.