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Madison, WI 53717
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March 26, 2012

Ms. Beth Salak, Director
Florida Public Service Commission
Division of Competitive Markets and Enforcement
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

**RE: TL 718, Quincy Telephone Company;
Add Access Exceptions for Provisions for VoIP -PSTN Traffic**

Dear Ms. Salak:

Included in this submission are the following tariff pages for Quincy Telephone Company:

Section A2

**Eighth Revised Sheet 36
Original Sheets 36.1 through 36.9**

The purpose of this filing is to add exceptions to the Access Service Tariff, (filed with the Public Service Commission of Florida by the Southern Bell Telephone and Telegraph Company) for the Identification and rating of Toll VoIP-PSTN traffic. Upon further review of the recent FCC Order on USF and Inter-carrier Compensation Reform ("Order") and discussions with others in the industry, the Company has determined that the Order should be read as *not* applying to originating access charge rates for VOIP-PSTN traffic at this time. This interpretation is more consistent with how the FCC has structured the Restructure Mechanism as well as how it treats originating access in the FNPRM.

Second, the Company is adding language regarding dedicated facilities. Lastly, the Company is also including a Company terminating PVUT factor, which will be combined with the customer's terminating PVUC factor to create the final PVU factor that will be applied to intrastate terminating access MOU.

The redlined tariff sheets are also included with this filing.

TDS Telecom requests this filing become effective March 27, 2012.

If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kris A. Groth', is written over a horizontal line.

Kris A. Groth
Tariff Administrator
Kris.groth@tdstelecom.com
608.664.4186

Enclosures

GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE COMPANY
d/b/a TDS TELECOM/QUINCY TELEPHONE
Florida

Section A2
Eighth Revised Sheet 36
Cancels Seventh Revised Sheet 36

GENERAL REGULATIONS

I. SALE OR BASE RATE TERMINAL EQUIPMENT BY THE TELEPHONE COMPANY

1. The sale price shall be above net book value as long as market conditions permit. The Company will consider selling terminal equipment at net book value, less cost of removal, if such equipment is not otherwise marketable. Under no circumstances will terminal equipment be sold for less than its salvage value.
2. All other terms and conditions of sale will be on a negotiated basis and reduced to a written agreement on a case-by-case basis for systems. In no event, however, will agreement contradict the provisions of this tariff.

J. ACCESS SERVICE

Quincy Telephone Company d/b/a TDS TELECOM/Quincy Telephone, hereinafter called the concurring company, except as specifically stated herein, assents to, adopts, and concurs in the Access Service Tariff, filed with the Public Service Commission of Florida by the Southern Bell Telephone and Telegraph Company, hereinafter called the issuing company, as such tariff now exists, or as it may be revised, added to, or supplemented by superseding sheets or issues, for Access Service furnished by the issuing company and the concurring company (including such services as are also participated in by one or more other companies), and hereby makes itself a party thereto and obligates itself to observe each and every provision thereof.

The following exceptions apply to the above concurrence:

1. Access Services Tariff, Section E13.3.3, Equal Access Subscription
 - a. This section does not apply to Intrastate Services.
2. Access Services Tariff, Section E2.3.20, Identification and Rating of VoIP-PSTN Traffic shall be deemed modified to read as follows:

(N)
(N)

ISSUED: March 26, 2012

EFFECTIVE: March 27, 2012

BY: Joel Dohmeier, Vice-President

GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE COMPANY
d/b/a TDS TELECOM/QUINCY TELEPHONE
Florida

Section A2

Original Sheet 36.1

GENERAL REGULATIONS

J. ACCESS SERVICES (Cont.)

E2.3 Obligations of the IC

E2.3.20 Identification and Rating of Toll VoIP – PSTN Traffic

(1) Scope

VoIP-PSTN Traffic is defined as traffic exchanged between the Telephone Company end user and the Customer in time division multiplexing ("TDM") format that originates and/or terminates in Internet protocol ("IP") format. This section governs the identification of Toll VoIP-PSTN Traffic that is required to be compensated at interstate access rates (unless the parties have agreed otherwise) as mandated by the Federal Communications Commission in its Report and Order in WC Docket Nos. 10-90, etc., FCC Release No. 11-161 on November 18, 2011 ("FCC Order"). Specifically, this section establishes the method of separating Toll VoIP-PSTN Traffic from the Customer's traditional intrastate access traffic, so that such traffic can be billed in accordance with the FCC Order.

(2) Rating of Toll VoIP-PSTN Traffic

The Toll VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to the Telephone Company's applicable tariffed interstate switched access rates as specified in the Telephone Company's applicable federal access tariff.

(3) Calculation and Application of Percent-VoIP-Usage Factor

(a) The Telephone Company will determine the number of terminating intrastate Toll VoIP-PSTN Traffic minutes of use (MOU) to which interstate rates will be applied under (2), preceding, by applying a terminating PVU factor to the total intrastate access MOU terminated by a Customer to the Telephone Company's end user.

(b) The Telephone Company will determine the portion of dedicated facilities to which interstate rates will be applied under (2), preceding, by applying a PVU factor for dedicated switched access facilities to the dedicated facilities between the Telephone Company and the Customer.

(N)

(N)

ISSUED: March 26, 2012

EFFECTIVE: March 27, 2012

BY: Joel Dohmeier, Vice-President

GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE COMPANY
d/b/a TDS TELECOM/QUINCY TELEPHONE
Florida

Section A2

Original Sheet 36.2

GENERAL REGULATIONS

J. ACCESS SERVICES (Cont.)

E2.3 Obligations of the IC (Cont.)

E2.3.20 Identification and Rating of Toll VoIP – PSTN Traffic (Cont.)

(3) Calculation and Application of Percent-VoIP-Usage Factor (Cont.)

(c) The Customer will calculate and furnish to the Telephone Company a terminating PVUC factor (along with the supporting documentation as specified in (C)(3)(g) below) representing the whole number percentage of the Customer's total terminating intrastate access MOU that the Customer sent to Telephone Company and which originated in IP format and that would be billed by the Telephone Company as intrastate terminating access MOU.

(d) If applicable, the Telephone Company will calculate and periodically update a terminating PVUT factor representing the percentage (as a whole number) of total intrastate terminating access MOU that the Company receives from the Customer that terminates in IP format at the end user's premises.

(e) The Company will develop a total terminating Percent VoIP Usage ("PVU") factor combining the Customer's terminating PVUC factor with the Company's terminating PVUT factor.

1) The PVU calculation below is applied when the Company does not bill based on actual call detail records for the Company's intrastate IP traffic at interstate rates.

$PVU = PVUC + [PVUT \times (1 - PVUC)]$ applied to the Company's end user's total intrastate terminating MOU.

Example: The Customer reported that their PVUC as 40%.
The Company's PVUT is 10%. This results in the following:
 $PVU = 40\% \text{ plus } (10\% \text{ times } (1 - 40\%)) = 46\%$
This means that 46% of the Intrastate terminating MOU exchanged between the Customer and the Company's end users will be rated at Interstate rates.

(N)

(N)

ISSUED: March 26, 2012

EFFECTIVE: March 27, 2012

BY: Joel Dohmeier, Vice-President

GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE COMPANY
d/b/a TDS TELECOM/QUINCY TELEPHONE
Florida

Section A2

Original Sheet 36.3

GENERAL REGULATIONS

J. ACCESS SERVICES (Cont.)

E2.3 Obligations of the IC (Cont.)

E2.3.20 Identification and Rating of Toll VoIP – PSTN Traffic (Cont.)

(3) Calculation and Application of Percent-VoIP-Usage Factor (Cont.)

(e) (continued)

- 2) The PVU calculation below is applied when the Company bills are based on the actual call detail records for the Company's intrastate IP traffic at interstate rates.

The formula for usage will be as follows:

$PVU = PVUC \times (1 - PVUT)$ applied to the Company's TDM end user's total intrastate terminating MOU.

Example: The Company has identified that there was 10,500 intrastate terminating MOU that were identified and exchanged between the Customer and the Company's IP end users. The Customer reported that their PVUC as 40%. The Company's PVUT is 10%.

This results in the following:

$PVU = 40\% \text{ times } (1 - 10\%) = 36\%$

This means that 36% of the Intrastate terminating MOU exchanged between the Customer and the Company's TDM end users will be rated at interstate rates and the intrastate 10,500 MOU will also be rated at interstate rates.

- (f) The Customer shall not modify their reported PIU factor to account for VoIP - PSTN Traffic.
- (g) The Customer provided terminating PVUC factor shall be based on information such as the number of the customer's retail VoIP subscriptions in the state (e.g. as reported on F.C.C. Form 477), traffic studies, actual call detail or other relevant and verifiable information.
- (h) The Customer shall retain the call detail, work papers, and information used to develop the PVUC factor for a minimum of two years.
- (i) If the Customer does not furnish the Telephone Company with the above PVUC factor, the Telephone Company will utilize a PVU factor equal to the Telephone Company supplied PVUT.

(N)

(N)

ISSUED: March 26, 2012

EFFECTIVE: March 27, 2012

BY: Joel Dohmeier, Vice-President

GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE COMPANY
d/b/a TDS TELECOM/QUINCY TELEPHONE
Florida

Section A2

Original Sheet 36.4

GENERAL REGULATIONS

J. ACCESS SERVICES (Cont.)

E2.3 Obligations of the IC (Cont.)

E2.3.20 Identification and Rating of Toll VoIP – PSTN Traffic (Cont.)

(4) Initial PVU Factor

- (a) If the Customer provides the terminating PVUC factor to the Telephone Company by April 15, 2012, the Telephone Company will retroactively adjust the Customer's bills to reflect the PVUC factor as of December 29, 2011. If the Customer does not provide PVUC factor by April 15, 2012, the Telephone Company will set the calculated PVU factor equal to the Telephone Company supplied PVUT.
- (b) If the PVU factor cannot be implemented in the Telephone Company's billing system by December 29, 2011, once the factor can be implemented, the Telephone Company will adjust the Customer's bills retroactively to reflect the calculated PVU factor that includes the PVUC factor provided by the customer to the Telephone Company prior to April 15, 2012.
- (c) The Telephone Company may choose to provide credits based on the calculated PVU factor on a Quarterly basis until such time as billing system modifications can be implemented.

(5) PVU Factor Updates

The Customer may update the PVUC factor quarterly using the method set forth in subsection (3)(c), preceding. Any updated PVUC factor shall be forwarded to the Telephone Company no later than 15 days after the first day of January, April, July and/or October of each year. The revised PVUC factor shall be based on data for the prior three months, ending the last day of December, March, June and September, respectively. The revised calculated PVU factor will serve as the basis for future billing, and will be effective on the bill date of each such month, and shall serve as the basis for subsequent monthly billing until superseded by a new PVU factor. No prorating or back billing will be done based on the updated PVU factor.

(N)

(N)

ISSUED: March 26, 2012

EFFECTIVE: March 27, 2012

BY: Joel Dohmeier, Vice-President

GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE COMPANY
d/b/a TDS TELECOM/QUINCY TELEPHONE
Florida

Section A2

Original Sheet 36.5

GENERAL REGULATIONS

J. ACCESS SERVICES (Cont.)

E2.3 Obligations of the IC (Cont.)

E2.3.20 Identification and Rating of Toll VoIP – PSTN Traffic (Cont.)

(6) PVUC Factor Verification

- (a) Not more than four times in any year, the Telephone Company may request from the Customer an overview of the process used to determine the PVUC factor, the call detail records, description of the method for determining how the end user originates calls in IP format, and other information used to determine the Customer's PVUC factor-furnished to the Telephone Company in order to validate the PVUC factor supplied. The Customer shall comply, and shall reasonably supply the requested data and information within 15 days of the Telephone Company's request.
- (b) The Telephone Company may dispute a Customer's PVUC factor in writing based upon:
 - A review of the requested data and information provided by the Customer,
 - The Telephone Company's reasonable review of other market information, F.C.C. reports on VoIP lines, such as F.C.C. Form 477 or state level results based on the F.C.C. Local Competition Report or other relevant data.
 - A change in a reported PVUC factor by more than five percentage points from the preceding submitted factor.
- (c) If after review of the data and information, the Customer and the Telephone Company establish a revised PVU factor, the Telephone Company may apply the revised PVU factor retroactively to the beginning of the quarter.

(N)

(N)

ISSUED: March 26, 2012

EFFECTIVE: March 27, 2012

BY: Joel Dohmeier, Vice-President

GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE COMPANY
d/b/a TDS TELECOM/QUINCY TELEPHONE
Florida

Section A2

Original Sheet 36.6

GENERAL REGULATIONS

J. **ACCESS SERVICES** (Cont.)

E2.3 **Obligations of the IC** (Cont.)

E2.3.20 **Identification and Rating of Toll VoIP – PSTN Traffic** (Cont.)

(6) PVUC Factor Verification (Continued)

(d) If the dispute is unresolved, the Telephone Company may initiate an audit. The Telephone Company shall limit audits of the Customer's PVUC factor to no more than twice per year. The Customer may request that the audit be conducted by an independent auditor. In such cases the associated auditing expenses will be paid by the Customer. The Customer shall respond to the audit request within 15 days of the request.

- In the event that the Customer fails to provide adequate records to enable the Telephone Company or an independent auditor to conduct an audit verifying the Customer's PVUC factor, the Telephone Company will bill the usage for all contested periods using the most recent undisputed PVUC factor reported by the Customer to be used in the calculated PVU factor. The calculated PVU factor will remain in effect until the audit can be completed.
- The Telephone Company will adjust the Customer's PVUC factor based on the results of the audit and implement the newly calculated PVU factor in the next billing period or quarterly report date, whichever is first. The newly calculated PVU factor will apply for the next two quarters before new PVUC factor can be submitted by the Customer.
- If the audit supports the Customer's PVUC factor, the usage for the contested periods will be retroactively adjusted to reflect the Customer's audited PVUC factor in the calculation of the PVU factor.

(N)

(N)

ISSUED: March 26, 2012

EFFECTIVE: March 27, 2012

BY: Joel Dohmeier, Vice-President

GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE COMPANY
d/b/a TDS TELECOM/QUINCY TELEPHONE
Florida

Section A2

Original Sheet 36.7

GENERAL REGULATIONS

J. ACCESS SERVICE – Continued

3. Access Services Tariff Section E2.6 Definitions shall be deemed modified to include the following definitions:

E2.6 Definitions

Automatic Number Identification (ANI)

The term "Automatic Number Identification" denotes the Multi-Frequency (MF) signaling parameter that identifies the billing number of the calling party.

Calling Party Number (CPN)

The term "Calling Party Number" denotes the SS7 out of band signaling parameter and the MF or other in band signaling parameters that identifies the subscriber line number or directory number of the calling party.

Charge Number (CN)

The term "Charge Number" denotes the SS7 out band signaling parameter and the MF or other in band signaling parameters that identifies the billing telephone number of the calling party.

Customer (s)

The term "Customer(s)" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services offered under this tariff, including but not limited to End- Users, Interexchange Carriers (IC's), Toll Providers, local exchange providers, and other telecommunications carriers or providers of originating or terminating toll VoIP-PSTN traffic.

Internet Protocol (IP) Signaling

The term "Internet (IP) Signaling" denotes a packet data-oriented protocol used for communicating call signaling information.

Multi-Frequency (MF) Signaling

The term "Multi-Frequency (MF) Signaling" denotes an in-band signaling method in which call signaling information is transmitted between network switches using the same voice band channel used for voice.

Originating Direction

The term "Originating Direction" denotes the use of Access Service for the origination of calls from an End User Premises to a Customer's Premises.

(N)

(N)

ISSUED: March 26, 2012

EFFECTIVE: March 27, 2012

BY: Joel Dohmeier, Vice-President

GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE COMPANY
d/b/a TDS TELECOM/QUINCY TELEPHONE
Florida

Section A2

Original Sheet 36.8

GENERAL REGULATIONS

J. ACCESS SERVICES (Cont.)

E2.6 Definitions (Cont.)

Remote Switching Modules/Systems

The term (Remote Switching Modules/Systems" denotes small, remotely controlled electronic end office switches which obtain their call processing capability from an electronic Host Central Office. The Remote Switching Modules/Systems cannot accommodate direct trunks.

Terminating Direction –

The term "Originating Direction" denotes the use of Access Service for the origination of calls from a Customer's Premises to an End User Premises.

Toll VoIP-PSTN Traffic

The term "Toll VoIP-PSTN Traffic" denotes a customer's interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing (TDM) format over PSTN facilities, which originates and or terminates in Internet Protocol (IP) format. "Toll VoIP-PSTN Traffic" originates and/or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premise equipment.

(N)

(N)

ISSUED: March 26, 2012

EFFECTIVE: March 27, 2012

BY: Joel Dohmeier, Vice-President

GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE COMPANY
d/b/a TDS TELECOM/QUINCY TELEPHONE
Florida

Section A2

Original Sheet 36.9

GENERAL REGULATIONS

J. ACCESS SERVICE – Continued

4. Access Services Tariff Section E6.6 Obligations of the IC shall be deemed modified to include the following text:

E6.6 Obligations of the IC

General

The following provision applies to the treatment of Toll VoIP-PSTN Traffic pursuant to the F.C.C.'s Part 51 Interconnection Rules and in compliance with the F.C.C.'s Report and Order and Further Notice of Proposed Rulemaking in CC Docket Nos. 96-45 and 01-92; GN Docket No. 09-51; WC Docket Nos. 03-109, 05-337, 07-135 and 10-90, and WT Docket No. 10-208, adopted October 27, 2011 and released November 18, 2011 (FCC 11-161). In the absence of an interconnection agreement between the Telephone Company and the customer specifying the treatment of Toll VoIP-PSTN Traffic, the Telephone Company will bill the customer the applicable Interstate switched access rates on all jurisdictionally Intrastate voice traffic identified as Toll VoIP-PSTN Traffic.

Call Signaling

Depending on the signaling system used by the customer in its network, the customer's facilities shall transmit the following call signaling information to the Telephone Company on traffic the customer's end users originate which is handed off for termination on the Telephone Company's network.

(A) Signaling System 7 (SS7) Signaling

When the customer uses SS7 signaling, it will transmit the Calling Party Number (CPN) or, if different from the CPN, the Charge Number (CN) information in the SS7 signaling stream.

(B) Multi-Frequency (MF) Signaling

When the customer uses MF signaling, it will transmit the number of the calling party or, if different from the number of the calling party, the Charge Number (CN) information in the MF Automatic Number Identification (ANI) field.

(C) Internet Protocol (IP) Signaling

When the customer uses IP signaling, it will transmit the telephone number of the calling party or, if different from the telephone number, the billing number of the calling party.

(N)

(N)

ISSUED: March 26, 2012

EFFECTIVE: March 27, 2012

BY: Joel Dohmeier, Vice-President

GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE COMPANY
d/b/a TDS TELECOM/QUINCY TELEPHONE
Florida

8th
Section A2
Seventh Revised Sheet 36
Cancels Sixth Revised Sheet 36

GENERAL REGULATIONS

APPROVED

I. SALE OR BASE RATE TERMINAL EQUIPMENT BY THE TELEPHONE COMPANY

1. The sale price shall be above net book value as long as market conditions permit. The Company will consider selling terminal equipment at net book value, less cost of removal, if such equipment is not otherwise marketable. Under no circumstances will terminal equipment be sold for less than its salvage value.
2. All other terms and conditions of sale will be on a negotiated basis and reduced to a written agreement on a case-by-case basis for systems. In no event, however, will agreement contradict the provisions of this tariff.

J. ACCESS SERVICE

Quincy Telephone Company d/b/a TDS TELECOM/Quincy Telephone, hereinafter called the concurring company, except as specifically stated herein, assents to, adopts, and concurs in the Access Service Tariff, filed with the Public Service Commission of Florida by the Southern Bell Telephone and Telegraph Company, hereinafter called the issuing company, as such tariff now exists, or as it may be revised, added to, or supplemented by superseding sheets or issues, for Access Service furnished by the issuing company and the concurring company (including such services as are also participated in by one or more other companies), and hereby makes itself a party thereto and obligates itself to observe each and every provision thereof.

The following exceptions apply to the above concurrence:

1. Access Services Tariff, Section E13.3.3, Equal Access Subscription
 - a. This section does not apply to Intrastate Services.

2. Access Services Tariff, Section E 2.3.20
Identification + Rating of VOIP-RSTN Traffic
shall be deemed modified to read
as follows:

(T)
(T)
(D) N
(D) N

3/26/12

3/27/12

ISSUED: ~~October 17, 2005~~

EFFECTIVE: November 1, 2005

BY: Paul E. Pederson, Vice-President

TELEPHONE COMPANY

Section A2
Sheet 36.1

Updated: 03/06/12

Orig

J. Access Services - Cont'd ^{General Reqs} ACCESS SERVICES

~~2. GENERAL REGULATIONS (Cont.)~~

E2.3 ^{IC} Obligations of the Customer (Cont.)

~~2.3.10 Jurisdictional Report Requirements (Cont.)~~

E2.3.20^(e) Identification and Rating of Toll VoIP - PSTN Traffic

(1) Scope

VoIP-PSTN Traffic is defined as traffic exchanged between the Telephone Company end user and the Customer in time division multiplexing ("TDM") format that originates and/or terminates in Internet protocol ("IP") format. This section governs the identification of Toll VoIP-PSTN Traffic that is required to be compensated at interstate access rates (unless the parties have agreed otherwise) as mandated by the Federal Communications Commission in its Report and Order in WC Docket Nos. 10-90, etc., FCC Release No. 11-161 on November 18, 2011 ("FCC Order"). Specifically, this section establishes the method of separating Toll VoIP-PSTN Traffic from the Customer's traditional intrastate access traffic, so that such traffic can be billed in accordance with the FCC Order.

(2) Rating of Toll VoIP-PSTN Traffic

The Toll VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to the Telephone Company's applicable tariffed interstate switched access rates as specified in the Telephone Company's applicable federal access tariff.

[Note to Tariff Group: If specific tariff and website required; state: Section 17 of the National Exchange Carrier Association Tariff F.C.C. No. 5, which can be found at www.neca.org. For Camden, Mt. Vernon, OCSI, and Tennessee Tel., state: Section 17 of the John Staurulakis, Inc. Tariff F.C.C No. 1.]

(3) Calculation and Application of Percent-VoIP-Usage Factor

(a) The Telephone Company will determine the number of terminating intrastate Toll VoIP-PSTN Traffic minutes of use (MOU) to which interstate rates will be applied under (2), preceding, by applying a terminating PVU factor to the total intrastate access MOU terminated by a Customer to the Telephone Company's end user.

(b) The Telephone Company will determine the portion of dedicated facilities to which interstate rates will be applied under (2), preceding, by applying a PVU factor for dedicated switched access facilities to the dedicated facilities between the Telephone Company and the Customer.

(N)

(N)

Issue Date: 3/26/12

Effective Date:

BY: Joel Dohmeier, Vice-President

3/27/12

J. Access Services Contd ~~ACCESS SERVICES~~ General Reqs

~~2. GENERAL REGULATIONS (Cont.)~~

E2.3 ^{IC} Obligations of the Customer (Cont.)

~~2.3.10 Jurisdictional Report Requirements (Cont.)~~

E2.3.20 Identification and Rating of Toll VoIP - PSTN Traffic (Cont.)

(3) Calculation and Application of Percent-VoIP-Usage Factor (Cont.)

(c) The Customer will calculate and furnish to the Telephone Company a terminating PVUC factor (along with the supporting documentation as specified in (C)(3)(g) below) representing the whole number percentage of the Customer's total terminating intrastate access MOU that the Customer sent to Telephone Company and which originated in IP format and that would be billed by the Telephone Company as intrastate terminating access MOU.

(d) If applicable, the Telephone Company will calculate and periodically update a terminating PVUT factor representing the percentage (as a whole number) of total intrastate terminating access MOU that the Company receives from the Customer that terminates in IP format at the end user's premises.

(e) The Company will develop a total terminating Percent VoIP Usage ("PVU") factor combining the Customer's terminating PVUC factor with the Company's terminating PVUT factor.

1) The PVU calculation below is applied when the Company does not bill based on actual call detail records for the Company's intrastate IP traffic at interstate rates.

$PVU = PVUC + [PVUT \times (1 - PVUC)]$ applied to the Company's end user's total intrastate terminating MOU.

Example: The Customer reported that their PVUC as 40%. The Company's PVUT is 10%. This results in the following:
 $PVU = 40\% \text{ plus } (10\% \text{ times } (1 - 40\%)) = 46\%$
This means that 46% of the Intrastate terminating MOU exchanged between the Customer and the Company's end users will be rated at Interstate rates.

(N)

Issue Date: 3/26/12

Effective Date:

BY: Joel Dohmeier, Vice-President

3/27/12

TELEPHONE COMPANY

Section Sheet A2
36.3

Orig

J Access Services - Conf'd General Reqs
ACCESS SERVICES

~~2. GENERAL REGULATIONS (Cont.)~~

E2.3 ^{IC} Obligations of the Customer (Cont.)

~~2.3.10 Jurisdictional Report Requirements (Cont.)~~

E2.3.25^(e) Identification and Rating of Toll VoIP - PSTN Traffic (Cont.)

(3) Calculation and Application of Percent-VoIP-Usage Factor (Cont.)

(e) (continued)

- 2) The PVU calculation below is applied when the Company bills are based on the actual call detail records for the Company's intrastate IP traffic at interstate rates.

The formula for usage will be as follows:
 $PVU = PVUC \times (1 - PVUT)$ applied to the Company's TDM end user's total intrastate terminating MOU.

Example: The Company has identified that there was 10,500 intrastate terminating MOU that were identified and exchanged between the Customer and the Company's IP end users. The Customer reported that their PVUC as 40%. The Company's PVUT is 10%.

This results in the following:
 $PVU = 40\% \text{ times } (1 - 10\%) = 36\%$

This means that 36% of the Intrastate terminating MOU exchanged between the Customer and the Company's TDM end users will be rated at interstate rates and the intrastate 10,500 MOU will also be rated at interstate rates.

- (f) The Customer shall not modify their reported PIU factor to account for VoIP - PSTN Traffic.
- (g) The Customer provided terminating PVUC factor shall be based on information such as the number of the customer's retail VoIP subscriptions in the state (e.g. as reported on F.C.C. Form 477), traffic studies, actual call detail or other relevant and verifiable information.
- (h) The Customer shall retain the call detail, work papers, and information used to develop the PVUC factor for a minimum of two years.
- (i) If the Customer does not furnish the Telephone Company with the above PVUC factor, the Telephone Company will utilize a PVU factor equal to the Telephone Company supplied PVUT.

(N)

Issue Date: 3/26/12

Effective Date: 3/27/12

BY: Joel Dohmeier, Vice-President

TELEPHONE COMPANY

Section *A2*
Sheet *34.4*

J. Access Services - ~~old~~ *General Regs*
ACCESS SERVICES

orig

~~2. GENERAL REGULATIONS (Cont.)~~

E.2.3 ~~Obligations of the Customer (Cont.)~~

~~2.3.10 Jurisdictional Report Requirements (Cont.)~~

E2.3.20 ~~IC~~ Identification and Rating of Toll VoIP – PSTN Traffic (Cont.)

(4) Initial PVU Factor

- (a) If the Customer provides the terminating PVUC factor to the Telephone Company by April 15, 2012, the Telephone Company will retroactively adjust the Customer's bills to reflect the PVUC factor as of December 29, 2011. If the Customer does not provide PVUC factor by April 15, 2012, the Telephone Company will set the calculated PVU factor equal to the Telephone Company supplied PVUT.
- (b) If the PVU factor cannot be implemented in the Telephone Company's billing system by December 29, 2011, once the factor can be implemented, the Telephone Company will adjust the Customer's bills retroactively to reflect the calculated PVU factor that includes the PVUC factor provided by the customer to the Telephone Company prior to April 15, 2012.
- (c) The Telephone Company may choose to provide credits based on the calculated PVU factor on a Quarterly basis until such time as billing system modifications can be implemented.

(5) PVU Factor Updates

The Customer may update the PVUC factor quarterly using the method set forth in subsection (3)(c), preceding. Any updated PVUC factor shall be forwarded to the Telephone Company no later than 15 days after the first day of January, April, July and/or October of each year. The revised PVUC factor shall be based on data for the prior three months, ending the last day of December, March, June and September, respectively. The revised calculated PVU factor will serve as the basis for future billing, and will be effective on the bill date of each such month, and shall serve as the basis for subsequent monthly billing until superseded by a new PVU factor. No prorating or back billing will be done based on the updated PVU factor.

(N)

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J. Access Services - Cont'd *General Req's*
 ACCESS SERVICES

~~2. GENERAL REGULATIONS (Cont.)~~

E.2.3 ^{IC} Obligations of the Customer (Cont.)

~~2.3.10 Jurisdictional Report Requirements (Cont.)~~

E2.3.20(e) Identification and Rating of Toll VoIP – PSTN Traffic (Cont.)

(6) PVUC Factor Verification

- (a) Not more than four times in any year, the Telephone Company may request from the Customer an overview of the process used to determine the PVUC factor, the call detail records, description of the method for determining how the end user originates calls in IP format, and other information used to determine the Customer's PVUC factor furnished to the Telephone Company in order to validate the PVUC factor supplied. The Customer shall comply, and shall reasonably supply the requested data and information within 15 days of the Telephone Company's request.
- (b) The Telephone Company may dispute a Customer's PVUC factor in writing based upon:
 - A review of the requested data and information provided by the Customer,
 - The Telephone Company's reasonable review of other market information, F.C.C. reports on VoIP lines, such as F.C.C. Form 477 or state level results based on the F.C.C. Local Competition Report or other relevant data.
 - A change in a reported PVUC factor by more than five percentage points from the preceding submitted factor.
- (c) If after review of the data and information, the Customer and the Telephone Company establish a revised PVU factor, the Telephone Company may apply the revised PVU factor retroactively to the beginning of the quarter.

(N)

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General Regs

J. Access Services - Cont'd

ACCESS SERVICES

~~2. GENERAL REGULATIONS (Cont.)~~

E 2.3 ^{IC} Obligations of the Customer (Cont.)

~~2.3.10 Jurisdictional Report Requirements (Cont.)~~

E 2.3.20 ~~(c)~~ Identification and Rating of Toll VoIP - PSTN Traffic (Cont.)

(6) PVUC Factor Verification (Continued)

(d) If the dispute is unresolved, the Telephone Company may initiate an audit. The Telephone Company shall limit audits of the Customer's PVUC factor to no more than twice per year. The Customer may request that the audit be conducted by an independent auditor. In such cases the associated auditing expenses will be paid by the Customer. The Customer shall respond to the audit request within 15 days of the request.

- In the event that the Customer fails to provide adequate records to enable the Telephone Company or an independent auditor to conduct an audit verifying the Customer's PVUC factor, the Telephone Company will bill the usage for all contested periods using the most recent undisputed PVUC factor reported by the Customer to be used in the calculated PVU factor. The calculated PVU factor will remain in effect until the audit can be completed.
- The Telephone Company will adjust the Customer's PVUC factor based on the results of the audit and implement the newly calculated PVU factor in the next billing period or quarterly report date, whichever is first. The newly calculated PVU factor will apply for the next two quarters before new PVUC factor can be submitted by the Customer.
- If the audit supports the Customer's PVUC factor, the usage for the contested periods will be retroactively adjusted to reflect the Customer's audited PVUC factor in the calculation of the PVU factor.

(N)

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Gen Regs
Definitions

Access Services Control
TELEPHONE COMPANY

Section A 2
Sheet 36.7

E2.6

3. Access Services Tariff Section E2.6 Definitions shall be deemed modified to include the following definitions:

ACCESS SERVICES General Regs

Note to Tariff Group: Definitions are usually located in Section 2 Regulations - Add or revise the following:

E2.6 Definitions

Automatic Number Identification (ANI)

The term "Automatic Number Identification" denotes the Multi-Frequency (MF) signaling parameter that identifies the billing number of the calling party.

Calling Party Number (CPN)

The term "Calling Party Number" denotes the SS7 out of band signaling parameter and the MF or other in band signaling parameters that identifies the subscriber line number or directory number of the calling party.

Charge Number (CN)

The term "Charge Number" denotes the SS7 out band signaling parameter and the MF or other in band signaling parameters that identifies the billing telephone number of the calling party.

Customer (s) ~~Add the language below after "...but not limited to End Users, Add wireless for Metrocom tariffs."~~

The term "Customer(s)" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services offered under this tariff, including but not limited to End- Users, Interexchange Carriers (IC's), Toll Providers, local exchange providers, wireless, and other telecommunications carriers or providers of originating or terminating toll VoIP-PSTN traffic.

Internet Protocol (IP) Signaling

The term "Internet (IP) Signaling" denotes a packet data-oriented protocol used for communicating call signaling information.

Multi-Frequency (MF) Signaling

The term "Multi-Frequency (MF) Signaling" denotes an in-band signaling method in which call signaling information is transmitted between network switches using the same voice band channel used for voice.

Originating Direction - ~~revise "an IC Premises" to "Customer's Premise"~~.

The term "Originating Direction" denotes the use of Access Service for the origination of calls from an End User Premises to a Customer's Premises.

(N)

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J. Access Services - cont'd

Genl Reg 5

ACCESS SERVICES

E2.6 Definitions continued

Remote Switching Modules/Systems - revise "direct trunks to an IC" to just "direct trunks".

The term (Remote Switching Modules/Systems" denotes small, remotely controlled electronic end office switches which obtain their call processing capability from an electronic Host Central Office. The Remote Switching Modules/Systems cannot accommodate direct trunks.

Terminating Direction - revise "from an IC premises to a Customer's Premises"

The term "Originating Direction" denotes the use of Access Service for the origination of calls from a Customer's Premises to an End User Premises.

Toll VoIP-PSTN Traffic

The term "Toll VoIP-PSTN Traffic" denotes a customer's interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing (TDM) format over PSTN facilities, which originates and or terminates in Internet Protocol (IP) format. "Toll VoIP-PSTN Traffic" originates and/or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premise equipment.

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WTD
Gen'l Reqs

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J. Access Service - ~~ACCESS SERVICES~~

~~6. SWITCHED ACCESS SERVICE~~

4. Access Service Tariff Section E6.6 Obligations of the IC shall be deemed modified to include the following text:

6.6

~~6.1 General~~

The following provision applies to the treatment of Toll VoIP-PSTN Traffic pursuant to the F.C.C.'s Part 51 Interconnection Rules and in compliance with the F.C.C.'s Report and Order and Further Notice of Proposed Rulemaking in CC Docket Nos. 96-45 and 01-92; GN Docket No. 09-51; WC Docket Nos. 03-109, 05-337, 07-135 and 10-90, and WT Docket No. 10-208, adopted October 27, 2011 and released November 18, 2011 (FCC 11-161). In the absence of an interconnection agreement between the Telephone Company and the customer specifying the treatment of Toll VoIP-PSTN Traffic, the Telephone Company will bill the customer the applicable Interstate switched access rates on all jurisdictionally Intrastate voice traffic identified as Toll VoIP-PSTN Traffic.

(N)

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~~6.3~~ Obligations of the Customer *IC*

~~6.3.5~~ Call Signaling

Depending on the signaling system used by the customer in its network, the customer's facilities shall transmit the following call signaling information to the Telephone Company on traffic the customer's end users originate which is handed off for termination on the Telephone Company's network.

(A) Signaling System 7 (SS7) Signaling

When the customer uses SS7 signaling, it will transmit the Calling Party Number (CPN) or, if different from the CPN, the Charge Number (CN) information in the SS7 signaling stream.

(B) Multi-Frequency (MF) Signaling

When the customer uses MF signaling, it will transmit the number of the calling party or, if different from the number of the calling party, the Charge Number (CN) information in the MF Automatic Number Identification (ANI) field.

(C) Internet Protocol (IP) Signaling

When the customer uses IP signaling, it will transmit the telephone number of the calling party or, if different from the telephone number, the billing number of the calling party.

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