

ORIGINAL

Reed Peterson
Director - State Regulatory Affairs
20 East Thomas Road - 1st Floor
Phoenix, Arizona, 85012

Office: 602-630-8221
Fax: 602 630 5337
Reed.Peterson@centurylink.com



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Arizona Corporation Commission

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MAY 03 2012

May 3, 2012

Docket Control
Arizona Corporation Commission
1200 W. Washington Street
Phoenix, Arizona 85007

DOCKETED BY	<i>JM</i>
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RE: Amendment to filing on behalf of Qwest Corporation d/b/a CenturyLink QC in Docket No. T-01051B-11-0448

Dear Sir or Madam:

Enclosed for filing are an original and thirteen (13) copies of Qwest Corporation d/b/a CenturyLink QC's ("QC") amendment to its December 14, 2011 filing to revise its Access Service Price Cap Tariff in the above referenced docket.

This amendment is being made to address the concerns raised by AT&T in its March 28, 2011 filing in this docket. These pages are intended to replace those originally filed by QC on December 14, 2011.

QC respectfully requests that these changes become effective on May 23, 2012, consistent with the most recent extension of the approval deadline agreed to by QC on April 11, 2012.

Sincerely,

Reed Peterson

Enclosures

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1. APPLICATION AND REFERENCE

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1. APPLICATION AND REFERENCE

1.6 EXPLANATION OF ABBREVIATIONS (Cont'd)

N.	- North
NANP	- North American Numbering Plan
NCI	- Network Channel Interface
NCTA	- Non-conversation time additive
NDM	- Network Data Mover
No.	- Number
NPA	- Numbering Plan Area
NRC	- Nonrecurring Charge
NST	- Nonscheduled Testing
NTS	- Non-Traffic Sensitive
NXX	- Three-Digit Central Office Code
ONAL	- Off Network Access Line
OSS	- Operator Service Signaling
OTPL	- Zero Transmission Level Point
PAL	- Public Access Line
PBX	- Private Branch Exchange
PCM	- Pulse Code Modulation
PDR	- Percent Direct Routed
PIC	- Primary Interexchange Carrier
PIU	- Percent Interstate Use
PLTS	- Private Line Transport Service
p.m.	- Post meridiem
POM	- Percent Other Messages
POT	- Point of Termination
POTS	- Plain Old Telephone Service
PSP	- Payphone Service Provider
PSTN	- Public Switched Telephone Network
PTD	- Plant Test Date
PVU	- Percent VoIP Usage
RESP ORG	- Responsible Organization
RMC	- Excess Recurring Monthly Charge
rms	- root-mean-square
RR	- Rate Reference
RSM	- Remote Switching Modules
RSS	- Remote Switching Systems

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1. APPLICATION AND REFERENCE

1.6 EXPLANATION OF ABBREVIATIONS (Cont'd)

S.	- South
SCP	- Service Control Point
SF	- Single Frequency
SMS/800	- Service Management System/800
SP	- Signal Point
SPOI	- Signaling Point of Interface
SRL	- Singing Return Loss
SSN	- Switched Service Network
SSP	- Service Switching Point
SS7	- Signaling System 7
STP	- Signal Transfer Point
SWC	- Serving Wire Center
TCAP	- Transaction Capabilities Application Part
TES	- Telephone Exchange Service(s)
TLP	- Transmission Level Point
TS	- Tandem Switching
TSPS	- Traffic Service Position System
TST	- Tandem-Switched Transport
TT	- Tandem Transmission
U.S.	- United States
USOC	- Uniform Service Order Code
VG	- Voice Grade
V & H	- Vertical & Horizontal
VoIP	- Voice over Internet Protocol
W.	- West
WATS	- Wide Area Telecommunications Services(s)
WSO	- WATS Serving Office

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2. GENERAL REGULATIONS

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORT REQUIREMENTS (Cont'd)

F. Identification and Rating of VoIP-PSTN Traffic

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

VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to the Company's applicable tariffed interstate switched access rates as set forth in Qwest Corporation's F.C.C. No. 1 Tariff.

1. Calculation and Application of Percent-VoIP- Usage Factors

- a. The Company will determine the number of VoIP-PSTN Traffic minutes of use (MOU) to which interstate rates will be applied under B, preceding, by applying an originating Percent VoIP Usage (PVU) factor to the total intrastate access MOU originated by a Company end user and delivered to the customer and by applying a terminating PVU factor to the total intrastate access MOU terminated by a customer to the Company's end user.
- b. The customer will calculate and furnish to the Company an originating Percent VoIP Usage (PVU-C) factor representing the whole number percentage of the customer's total originating intrastate access MOU that the customer exchanges with the Company in the LATA that is received from the Company and that is terminated in IP format and that would be billed by the Company as intrastate access MOU. At such time that the Company offers VoIP Service, the Company's originating Percent VoIP Usage (PVU-T) factor will be calculated in the same manner as set forth above for customers.

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORT REQUIREMENTS

F. Identification and Rating of VoIP-PSTN Traffic

1. Calculation and Application of Percent-VoIP- Usage Factors (Cont'd)

- (N)
- c. The customer will calculate and furnish to the Company a terminating PVU-C factor representing the whole number percentage of the customer's total terminating intrastate access MOU that the customer exchanges with the Company in the LATA that is sent to Company and which originated in IP format and that would be billed by the Company as intrastate access MOU. At such time that the Company offers VoIP Service, the Company's terminating PVU-T factor will be calculated in the same manner as set forth above for customers.
 - d. The Company will use the originating PVU-C and PVU-T factors to calculate an originating PVU factor that represents the percentage of total intrastate access MOU exchanged between the Company and the customer that is originated in IP format, whether at the Company's end or at the customer's end. The originating PVU factor will be calculated as the sum of: (A) the originating PVU-C factor and (B) the originating PVU-T factor times (1.0 minus the originating PVU-C factor).
 - e. The Company will use the terminating PVU-C and terminating PVU-T factors to calculate a terminating PVU factor that represents the percentage of total intrastate access MOU exchanged between the Company and the customer that is terminated in IP format whether at the Company's end or at the customer's end. The terminating PVU factor will be calculated as the sum of: (A) the terminating PVU-C factor and (B) the terminating PVU-T factor times (1.0 minus the terminating PVU-C factor).
 - f. The Company will apply the originating and terminating PVU factors to the intrastate access MOU exchanged with the customer to determine the number of Toll VoIP-PSTN MOU.

Example 1: The PVU calculation is applied to the customer's originating and terminating intrastate MOU.

$$PVU = PVU-C + (PVU-T \times (1 - PVU-C))$$

The customer reported their originating PVU-C as 15%. The Company's originating PVU-T is 6%. This results in the following:

$$PVU = 15\% \text{ plus } (6\% \text{ times } (1 - 15\%)) = 20\%$$

This means that 20% of the originating intrastate MOU exchanged between the customer and the Company will be rated at interstate rates.

(N)

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORT REQUIREMENTS

F. Identification and Rating of VoIP-PSTN Traffic

1. Calculation and Application of Percent-VoIP- Usage Factors (Cont'd)

- g. The customer shall not modify their reported PIU factor to account for VoIP-PSTN Traffic. (N)
- h. Both the customer provided originating PVU-C and the terminating PVU-C 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 which will be provided to the Company upon request.
- i. The customer shall retain the call detail, work papers, and information used to develop the PVU factors for a minimum of one year.
- j. If the customer does not furnish the Company with a PVU-C factor, the Company will utilize a PVU equal to the Company's originating and/or terminating PVU-T.

2. Initial Implementation of PVU Factors

- a. If the PVU factors cannot be implemented in the Company's billing systems by December 29, 2011, once the factors can be implemented the Company will adjust the customer's bills to reflect the PVU factors prospectively in the next bill period if the PVU-C factors are provided by the customer to the Company prior to April 15, 2012.
- b. The Company may choose to provide credits based on the reported PVU-C factors on a quarterly basis until such time as the billing system modifications can be implemented.

3. PVU Factor Updates

The customer may update the PVU-C factors quarterly using the method set forth in 1.b and 1.c, preceding. If the customer chooses to submit such updates, it shall forward to the Company, no later than 15 days after the first day of January, April, July and/or October of each year, revised PVU-C factors based on data for the prior three months, ending the last day of December, March, June and September, respectively. The revised PVU-C factors 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 new PVU factors. No prorating or back billing will be done based on the updated PVU-C factors. (N)

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORT REQUIREMENTS

F. Identification and Rating of VoIP-PSTN Traffic (Cont'd)

4. PVU-C Factor Verification

- a. Not more than twice in any year, the Company may request from the customer an overview of the process used to determine the PVU-C factors, the call detail records, description of the method for determining how the end user originates and terminates calls in IP format, and other information used to determine the customer's PVU-C factors furnished to the Company in order to validate the PVU-C factors supplied. The customer shall comply, and shall reasonably supply the requested data and information within 15 days of the Company's request.
- b. The Company may dispute the Customer's PVU-C factor based upon:
 - A review of the requested data and information provided by the customer,
 - The 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 the reported PVU-C factor by more than five percentage points from the preceding quarter.
- c. If after review of the data and information, the customer and the Company establishes revised PVU-C factors, the Company will begin using those revised PVU-C factors with the next bill period.

(N)

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORT REQUIREMENTS

F. Identification and Rating of VoIP-PSTN Traffic

4. PVU-C Factor Verification (Cont'd)

- d. If the dispute is unresolved, the Company may initiate an audit. The Company shall limit audits of the customer's PVU-C 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. (N)
- In the event that the customer fails to provide adequate records to enable the Company or an independent auditor to conduct an audit verifying the customer's PVU-C factors, the Company will bill the usage for all contested periods using the most recent undisputed PVU-C factors reported by the customer. These PVU-C factors will remain in effect until the audit can be completed.
 - During the audit, the most recent undisputed PVU-C factors from the previous reporting period will be used by the Company.
 - The Company will adjust the customer's PVU-C factors based on the results of the audit and implement the revised PVU-C in the next billing period or quarterly report date, whichever is first. The revised PVU-C factors will apply for the next two quarters before new factors can be submitted by the customer.
 - If the audit supports the customer's PVU-C factors, the usage for the contested periods will be adjusted to reflect the customer's audited PVU-C factors. (N)

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2. GENERAL REGULATIONS

2.6 DEFINITIONS (Cont'd)

Tandem-Switched Transport (TST)

The transport between an access tandem and end offices that subtend the access tandem that utilizes tandem switching functions. Tandem-Switched Transport consists of circuits used in common by multiple customers from the tandem to an end office.

Terminating Direction

The use of Access Service for the completion of calls from a customer's premises to an end user's 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 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 premises equipment.

(N)

(N)

Traffic Type

One of six Switched Access capacity types, i.e., Originating, Terminating, Directory Assistance, CCC Originating, CCC Terminating and SWITCHNET 56 Service. See 6.1.1, following, for application.

Transaction Capabilities Application Part (TCAP)

The design of non-circuit related messages. TCAP protocol provides a means for reliable transfer of information from one application at a switch location to another application within another network entity.

Transmission Measuring (105 Type) Test Line/Responder

An arrangement in an end office which provides far-end access to a responder and permits two-way loss and noise measurements to be made on trunks from a near end office.

(M) Material moved to Page 71.

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2. GENERAL REGULATIONS

2.6 DEFINITIONS (Cont'd)

Transmission Path

An electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path comprises physical or derived channels consisting of any form or configuration of facilities typically used in the telecommunications industry.

Trunk

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

Trunk Group

A set of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

Trunkside Connection

The connection of a transmission path to the trunk side of a local exchange switching system.

Two-Wire to Four-Wire Conversion

An arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity (e.g., a central office switch).

Underground Utility Vault

An underground enclosure where conduits are terminated and which provides ready access to conduit systems.

Uniform Service Order Code (USOC)

A three- or five-character alphabetic, numeric, or an alphanumeric code that identifies a specific item of service or equipment. USOCs are used in the Company billing system to generate recurring rates and nonrecurring charges.

V and H Coordinates Method

A method of computing airline miles between two points by utilizing an established formula which is based on the vertical (V) and horizontal (H) coordinates of the two points.

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