

ORIGINAL

NEW APPLICATION

CenturyLink  
1801 California Street, 10<sup>th</sup> Floor  
Denver, Colorado 80202  
Phone 303 992-5832



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AZ CORP COMMISSION  
DOCKET CONTROL

December 14, 2011

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

T-01051B-11-0448

Dear Sir or Madam:

This filing is being made on behalf of Qwest Corporation d/b/a CenturyLink QC ("QC"), Entity Code T-01051B.

Enclosed for filing with the Commission is an original plus thirteen (13) copies of revisions to QC's Access Service Price Cap Tariff.

This filing proposes the addition of tariff language for implementation of the intercarrier compensation regime for certain VoIP-PSTN traffic as mandated in the Federal Communications Commission's November 18, 2011 Report and Order and Further Notice of Proposed Rulemaking in WC Docket Nos. 10-90, etc. (FCC 11-161).

QC respectfully requests that these proposed changes become effective January 11, 2012.

Sincerely,

Mark Brinton  
Manager Regulatory Operations  
Office: (303) 992-5832  
Fax: (303) 295 6973  
e-mail: Mark.Brinton@CenturyLink.com

Arizona Corporation Commission  
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Enclosures

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(N)

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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	(N)
PTD	- Plant Test Date	
PVU	- Percent VoIP Usage	(N)
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 PVU 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.
- c. The customer will calculate and furnish to the Company a terminating PVU 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.
- d. The customer shall not modify their reported PIU factor to account for VoIP-PSTN Traffic.

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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)

- e. Both the customer provided originating PVU and the terminating PVU 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. (N)
- f. The customer shall retain the call detail, work papers, and information used to develop the PVU factors for a minimum of one year.
- g. If the Customer does not furnish the Company with a PVU factor, the Company will utilize a PVU equal to zero.

##### 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 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 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 factors quarterly using the method set forth in 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 factors based on data for the prior three months, ending the last day of December, March, June and September, respectively. The revised PVU 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 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 Factor Verification

- (N)
- 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 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 factors furnished to the Company in order to validate the PVU 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 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 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 factors, the Company will begin using those revised PVU 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 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 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 factors, the Company will bill the usage for all contested periods using the most recent undisputed PVU factors reported by the customer. These PVU factors will remain in effect until the audit can be completed.
  - During the audit, the most recent undisputed PVU factors from the previous reporting period will be used by the Company.
  - The Company will adjust the customer's PVU factors based on the results of the audit and implement the revised PVU in the next billing period or quarterly report date, whichever is first. The revised PVU 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 factors, the usage for the contested periods will be adjusted to reflect the customer's audited PVU factors. (N)

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## 2. GENERAL REGULATIONS

### 2.6 DEFINITIONS (Cont'd)

#### 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.

#### VoIP-PSTN Traffic

The term VoIP-PSTN Traffic shall have the meaning denoted in the Federal Communications Commission Report and Order in WC Docket Nos. 10-90, etc., F.C.C. Release No. 11-161 (November 18, 2011). It is traffic exchanged over PSTN (Public Switched Telephone Network) facilities that originates and/or terminates in IP (Internet Protocol) format.

(N)

(N)