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April 23, 2013

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

Re: Joint Application for Approval of an ICC VOIP Amendment to the Master Interconnection and Collocation Agreement between The United Telephone Company of Pennsylvania LLC d/b/a CenturyLink and Comcast Business Communications, LLC – Docket No. A-2013-

Dear Secretary Chiavetta:

The United Telephone Company of Pennsylvania LLC d/b/a CenturyLink (“CenturyLink”) submits this Letter for Approval and Filing of the attached, executed, true and correct ICC VOIP Amendment to the Master Interconnection and Collocation Agreement (“Agreement”) between CenturyLink and Comcast Business Communications, LLC. The attached Amendment has been entered by the contracting parties in light of the FCC’s ICC/USF Order, which became effective December 29, 2011.¹ The original agreement was approved by the Commission by Order entered on August 21, 2006 under Docket Number A-310190F7002.

A copy of this letter and the Agreement are simultaneously served via first class mail upon persons listed as proper recipients of notices to and on behalf of Comcast Business Communications, LLC. If you have any questions, please do not hesitate to contact me.

Sincerely,


Sue Benedek

ZEB/jh
Enclosures

cc: Robert Munoz (*on behalf of Comcast Business Communications, LLC*)
Kathryn Feeney (*on behalf of CenturyLink*)

¹ See, *In re Connect America Fund, et al.*, WC Docket No. 10-90 *et al* (FCC, Rel. November 18, 2011), Report and Order and Further Notice of Proposed Rulemaking, *slip op.*, FCC 11-61, 26 FCC Rcd 17663 (2011), and subsequent Reconsideration and Clarification Rulings.

**ICC VoIP Amendment
to the Interconnection Agreement between
The United Telephone Company of Pennsylvania LLC d/b/a CenturyLink
and
Comcast Business Communications, LLC**

This Amendment ("Amendment") is to the Interconnection Agreement between The United Telephone Company of Pennsylvania LLC dba CenturyLink ("CenturyLink"), and Comcast Business Communications, LLC ("CLEC") (collectively, the "Parties").

RECITALS

WHEREAS, the Parties entered into an Interconnection Agreement ("Agreement") for service in the Commonwealth of Pennsylvania, that was approved by the Commission; and

WHEREAS, the Federal Communications Commission in Docket No. 01-92, *In the Matter of Developing a Unified Intercarrier Compensation Regime*, issued an order that, in part, affects the Parties rights and obligations with respect to the exchange, including compensation, of VoIP-PSTN traffic, as that term is defined in the Order, and revised call signaling rules effective December 29, 2011 ("FCC Order" or "Order"); and

WHEREAS, the Parties agree to amend the Agreement to incorporate certain provisions of the FCC Order with the terms and conditions contained herein.

AGREEMENT

NOW THEREFORE, in consideration of the mutual terms, covenants and conditions contained in this Amendment and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

Amendment Terms

The Agreement is hereby amended by replacing and adding terms, conditions, and rate references as set forth in Attachment 1 attached hereto and incorporated herein by this reference. The provisions included in Attachment 1 are intended to supersede and replace the same numbered provisions in the Agreement and be added to the Agreement to the extent that the applicable numbered provision is not currently in the Agreement.

Effective Date

This Amendment shall be deemed effective upon Commission approval; however, pursuant to the change of law language and paragraph 52.7 of the Agreement, the Parties agree to implement the provisions of this Amendment effective as of December 29, 2011.

Further Amendments

Except as modified herein, the provisions of the Agreement shall remain in full force and effect. The provisions of this Amendment, including the provisions of this sentence, may not be amended, modified or supplemented, and waivers or consents to departures from the provisions of this Amendment may not be given without the written consent thereto by both Parties' 10-31-12/Comcast Business Communications, LLC /ICC VoIP Amendment- Embarq

authorized representative. No waiver by any Party of any default, misrepresentation, or breach of warranty or covenant hereunder, whether intentional or not, will be deemed to extend to any prior or subsequent default, misrepresentation, or breach of warranty or covenant hereunder or affect in any way any rights arising by virtue of any prior or subsequent such occurrence.

Reservation of Rights

The Parties disagree about the interpretation and implications of certain aspects of the FCC Order, including but not limited to the need to amend the Interconnection Agreement to implement the VoIP PSTN intercarrier compensation rates established by the FCC in the Order. Further neither Party waives, but instead expressly reserves, any rights, remedies or arguments it may have with respect to interpretation and implementation of the FCC Order. However, without prejudice to either Party's position concerning the FCC Order, the Parties agree that the exchange of VoIP-PSTN Traffic and call signaling obligations shall be handled in the manner set forth herein for purposes of this Agreement only and on an interim basis only until the earlier of (i) the expiration or termination of this Agreement or (ii) until the FCC issues an Order clarifying or addressing the matters covered by this Amendment. Once the FCC issues such an order, the Parties agree to comply with the FCC order and amend the Agreement, if necessary. Both Parties reserve the right to advocate any position with regard to the matters set forth in this Amendment before all relevant forums, and the terms of this Agreement shall not be deemed or considered to have any probative value as to the substance of either Party's rights or advocacy positions, nor shall this Agreement be deemed to constitute the acquiescence by either party, or a waiver by either party, to the future treatment of such matters, outside the context of this Agreement. Neither Party shall have any affirmative duty to respond to any advocacy by the other Party about the laws applicable to such matters, nor be estopped or otherwise precluded from asserting any such rights reserved hereunder at any time hereafter, without any diminishment of such right based upon the passage of time or any course of conduct.

Entire Agreement

The Agreement as amended (including the documents referred to herein) constitutes the full and entire understanding and agreement between the Parties with regard to the subjects of the Agreement as amended and supersedes any prior understandings, agreements, or representations by or between the Parties, written or oral, to the extent they relate in any way to the subjects of the Agreement as amended.

The Parties intending to be legally bound have executed this Amendment as of the dates set forth below, which may be in multiple counterparts, each of which is deemed an original, but all of which shall constitute one and the same instrument.

Comcast Business Communications, LLC

The United Telephone Company of Pennsylvania d/b/a CenturyLink

DocuSigned by:
Michael Clancy
50FF52D1AF544EC...

Signature

05E9FC68BD57454...
L T Christensen
DocuSigned By: L T Christensen

Signature

Michael Clancy
Name Printed/Typed

L. T. Christensen
Name Printed/Typed

Vice President Carrier Management
Title

Director – Wholesale Contracts
Title

4/22/2013
Date

4/22/2013
Date

Attachment 1

ICC Voice over Internet Protocol (VoIP) Amendment

Notwithstanding anything set forth in the Agreement to the contrary, the following terms and provisions shall govern the exchange of, and intercarrier compensation for, VoIP-PSTN Traffic and call signaling rules for all traffic exchanged between the Parties over Local Interconnection Trunks.

Section 1 – DEFINED TERMS

“VoIP-PSTN Traffic”, including any traffic previously referred to in the Agreement as “VoIP” or “VoIP Traffic” or “IP Enabled Voice Traffic”, is defined as traffic exchanged between CenturyLink’s network and the CLEC’s network in Time Division Multiplexing (“TDM”) format and that originates from and/or terminates to a Party’s end user in Internet Protocol (“IP”) format, as determined by the Order.

“Local VoIP-PSTN Traffic” is VoIP-PSTN Traffic that physically originates and terminates within the CenturyLink local calling area, or mandatory extended area service (EAS) area, as defined by the Commission or, if not defined by the Commission, then as defined in existing CenturyLink Tariffs, and shall be considered to be “Local Traffic” as such term is used in the Agreement.

“IntraLATA Toll VoIP-PSTN Traffic” is VoIP-PSTN Traffic that physically originates and terminates in different CenturyLink local calling areas, or mandatory extended area service (EAS) areas, as defined by the Commission or, if not defined by the Commission, then as defined in existing CenturyLink Tariffs, but within the same Local Access and Transport Area. IntraLATA Toll VoIP-PSTN Traffic shall be considered IntraLATA toll traffic as such term is used in the Agreement.

Section 51 – LOCAL INTERCONNECTION TRUNK ARRANGEMENT

51.1.1 The Parties shall make available to each other two-way (bi-directional) trunks or one-way directionalized trunks for the reciprocal exchange of combined Local Traffic, IntraLATA Toll VoIP-PSTN Traffic and IntraLATA toll traffic which is not routed to an IXC and jointly provided switched access (as defined by MECAB and MECOD). The Parties shall use separate two-way Feature Group D trunks for any other traffic exchanged in TDM format by the Parties, except as provided in Section 51.2.1 of the Agreement, and such trunks shall be ordered out of and subject to the applicable access tariffs. In the event a Party routes any traffic to the other Party in violation of this section, that other Party shall be entitled to invoke the dispute resolution provisions of this Agreement, which may include seeking injunctive relief and recovering damages, including without limitation, compensation for such traffic at the rates applicable to intrastate access traffic which is not VoIP-PSTN Traffic.

51.2 Intentionally Left Blank

Section 52 – INTERCARRIER COMPENSATION

52.1.4. If either Party does deliver such written notice, the Parties will negotiate an amendment to this Agreement under applicable law reflecting the reciprocal 10-31-12/Comcast Business Communications, LLC /ICC VoIP Amendment- Embarq

compensation arrangement to be assessed by each Party for terminating Local Traffic. If the Parties are unable to negotiate such an amendment, the Parties agree to resolve the issue under the dispute resolution section of this Agreement.

52.7 VoIP-PSTN Traffic

52.7.1 Local VoIP-PSTN Traffic

CLEC and CenturyLink will exchange Local VoIP-PSTN Traffic on the same basis and at the same rates as Local Traffic which is not VoIP-PSTN Traffic. Local VoIP-PSTN Traffic will be identified as such by using the originating and terminating call detail information of each call unless the Parties specifically agree otherwise. This call jurisdiction method described herein is intended by the Parties as a proxy to determine the jurisdiction of a call (i.e. the actual geographic end points of the call) and the Parties acknowledge that there may be some circumstances where the actual geographic end points of a particular call may be difficult or impossible to determine. At any time during the term of this Agreement, CLEC and CenturyLink may agree on alternate methods to establish call jurisdiction for Local VoIP-PSTN Traffic based on regulatory or technological evolution. The Parties agree that it is in the best interest of both Parties to work together in an effort to continue to improve the accuracy of jurisdictional data and such efforts shall not be unreasonably withheld by either Party. This paragraph shall not be controlling nor affect the determination of the proper jurisdiction or the geographic end points of any traffic which is not VoIP-PSTN Traffic, including without limitation, any VNXX Traffic.

52.7.2 IntraLATA Toll VoIP-PSTN Traffic

(a) CLEC and CenturyLink will exchange IntraLATA Toll VoIP-PSTN Traffic, including any IntraLATA Toll VoIP-PSTN Traffic which transits a CenturyLink Tandem, at each Party's terminating interstate access rates. Any non-Local Traffic which is not IntraLATA Toll VoIP-PSTN Traffic or IntraLATA toll traffic shall be routed in accordance with Section 51.1.1 above. VoIP-PSTN Traffic will be identified as IntraLATA Toll VoIP-PSTN Traffic or Local Traffic by using the originating and terminating call detail information of each call unless the Parties specifically agree otherwise. This call jurisdiction method described herein is intended by the Parties as a proxy to determine the jurisdiction of a call (i.e. the actual geographic end points of the call) and the Parties acknowledge that there may be some circumstances where the actual geographic end points of a particular call may be difficult or impossible to determine. At any time during the term of this Agreement, CLEC and CenturyLink may agree on alternate methods to establish call jurisdiction for IntraLATA Toll VoIP-PSTN Traffic based on regulatory or technological evolution. The Parties agree that it is in the best interest of both Parties to work together in an effort to continue to improve the accuracy of jurisdictional data and such efforts shall not be unreasonably withheld by either Party.

(b) IntraLATA Toll VoIP-PSTN Traffic will be exchanged at each Party's interstate access tariff rates. Both Parties will use the Contract Percentage VoIP Usage (Contract-PVU) factor in Table One of this Amendment to determine the amount of intrastate non-Local Traffic exchanged by the Parties that shall be deemed as IntraLATA Toll VoIP-PSTN Traffic subject to terminating interstate

access rates. The Parties shall also apply the Contract-PVU factor to any intrastate non-Local Traffic, which transits a CenturyLink Tandem, and the resulting portion of such traffic shall also be exchanged at interstate switched access tariff rate.

(c) The Contract-PVU factor shall be the percentage of total terminating intrastate non-Local Traffic exchanged over the Local Interconnection Trunks which is IntraLATA Toll VoIP-PSTN Traffic that, in the absence of such Contract-PVU, would be billed at intrastate access rates. The Contract-PVU factor shall be based on information such as the percent of the CLEC's retail VoIP subscriptions in the state, traffic studies, actual call detail, or other relevant and verifiable information which will be exchanged by the parties. The Contract-PVU factor may be updated by a further Amendment mutually negotiated by the Parties.

(d) The Contract-PVU factor established by the Parties for the previous sections of 52.7.2 shall be based on the particular characteristics of the traffic exchanged within the State between CLEC and CenturyLink and such Contract-PVU factor shall not be subject to adoption by anyone not a Party to this Agreement, or apply to any other service areas.

52.7.3 CenturyLink shall provide billing adjustments on a quarterly basis until such time as billing system modifications can be implemented to apply the applicable rate to all IntraLATA Toll VoIP-PSTN Traffic on an automated basis. Using the factor agreed upon pursuant to this amendment the Parties agree that CLEC may dispute its usage billing for intrastate access charges on IntraLATA Toll VoIP-PSTN Traffic. If CLEC does dispute invoices for this purpose, it will pay the interstate access rate on such traffic consistent with application of the Contract-PVU factor on a timely basis according to the terms of the Agreement and will submit its dispute with respect to such intrastate access charges separately from any other usage billing disputes that CLEC might assert. The issuance of quarterly billing adjustments by CenturyLink to apply interstate access rates to all IntraLATA Toll VoIP-PSTN Traffic will resolve any open disputes submitted consistent with this paragraph. CLEC shall file a separate dispute if CLEC disputes the three month adjustment.

Section 53 – SIGNALING NETWORK

53.6 Signaling Parameters: CenturyLink and CLEC are required to provide each other signaling information (e.g., originating Calling Party Number (CPN), Charge Number (ChN), as appropriate, and called party number, etc.) as required by Applicable Rules and further clarified by the FCC Order to enable each Party to issue bills in a complete and timely fashion. All CCS signaling parameters will be correctly populated and unchanged including CPN and ChN on all calls. All privacy indicators will be honored. Unless the FCC has approved a waiver petition regarding specific technical restrictions, the ChN is to be passed unaltered in SS7 signaling fields where it is different than CPN; ChN must not be populated with a number associated with an intermediate switch, platform, or gateway, or other number that designates anything other than a calling party's charge number; and if MF signaling is used by a Party then the ChN must be included in the ANI field if different from the CPN.

Table One

		IntraLATA Toll VoIP-PSTN Traffic	Each Party's Interstate Access Tariff Rate
		VOIP Percent of Intrastate Non-Local Usage (Contract- PVU factor)	100%