Windstream Licensees	State of	Date of
	Organization	Organization
American Telephone Company LLC	New York	6/16/2006
Broadview Networks, Inc.	New York	6/5/1991
Business Telecom, LLC	North Carolina	11/14/1983
CTC Communications Corp.	Massachusetts	6/3/1981
DeltaCom, LLC	Alabama	4/7/1982
EarthLink Business, LLC	Delaware	6/1/1999
EarthLink Carrier, LLC	Delaware	6/1/1992
McLeodUSA Telecommunications Services,	Iowa	4/15/1998
LLC		
Network Telephone, LLC	Florida	12/19/2014
PAETEC Communications, LLC	Delaware	5/28/1998
Talk America, LLC	Delaware	12/12/2014
The Other Phone Company, LLC	Florida	12/19/2014
US LEC of Tennessee, LLC	Delaware	11/14/1997
Windstream Communications, LLC	Delaware	11/2/2005
Windstream KDL, LLC	Kentucky	4/13/1990
Windstream Kentucky East, LLC	Delaware	10/22/2002
Windstream Kentucky West, LLC	Kentucky	3/8/1954
Windstream Norlight, LLC	Kentucky	12/21/1977
Windstream NTI, LLC	Wisconsin	10/8/1991
Windstream NuVox, LLC	Delaware	6/16/1998

Mailing Address for all Windstream Licensees: 4001 North Rodney Parham Road Little Rock, Arkansas 72212

Electronic Mail Address: Nicole.Winters@windstream.com

As also reflected in Exhibit 4, EarthLink Business, LLC and EarthLink Carrier, LLC have each completed a change of their domicile names with the Kentucky Secretary of State, separate from this Transaction. At this time, each of these Windstream Licensees hold their proof of good standing and their certificates of authority under the names Windstream New Edge, LLC and Windstream FiberNet, LLC, respectively.

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 232109

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

AMERICAN TELEPHONE COMPANY, LLC

, a limited liability company authorized under the laws of the state of New York, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on December 11, 2019.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adams

Michael G. Adams Secretary of State Commonwealth of Kentucky 232109/1080079

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 232110

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

BROADVIEW NETWORKS, INC.

, a corporation organized under the laws of the state of New York, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on September 26, 2007.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adams

Michael G. Adams Secretary of State Commonwealth of Kentucky 232110/0674414

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 23211

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

BUSINESS TELECOM, LLC

, a limited liability company authorized under the laws of the state of North Carolina, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on May 11, 1992.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. Odami

Michael G. Adams Secretary of State Commonwealth of Kentucky 232111/0300362

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 232112

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

CTC COMMUNICATIONS CORP.

, a corporation organized under the laws of the state of Massachusetts, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on October 16, 1997.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adami

Michael G. Adams Secretary of State Commonwealth of Kentucky 232112/0440105

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 23211

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

DELTACOM, LLC

, a limited liability company authorized under the laws of the state of Alabama, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on January 24, 2005.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adams

Michael G. Adams Secretary of State Commonwealth of Kentucky 232113/0604241

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 23211

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

MCLEODUSA TELECOMMUNICATIONS SERVICES, L.L.C.

, a limited liability company authorized under the laws of the state of lowa, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on May 12, 2010.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adam.

Michael G. Adams Secretary of State Commonwealth of Kentucky 232115/0762867

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 23211

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

NETWORK TELEPHONE, LLC

, a limited liability company authorized under the laws of the state of Florida, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on March 13, 1998.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. Odami

Michael G. Adams Secretary of State Commonwealth of Kentucky 232117/0453630

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 232119

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

PAETEC COMMUNICATIONS, LLC

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on June 24, 1998.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adami

Michael G. Adams Secretary of State Commonwealth of Kentucky 232119/0458402

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 232120

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

TALK AMERICA, LLC

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on May 18, 2015.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adams

Michael G. Adams Secretary of State Commonwealth of Kentucky 232120/0922259

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 23212

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

OTHER PHONE COMPANY, LLC

, a limited liability company authorized under the laws of the state of Florida, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on April 1, 1998.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adams

Michael G. Adams Secretary of State Commonwealth of Kentucky 232121/0454550

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 2321

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

US LEC OF TENNESSEE LLC

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on April 16, 2010.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Wehall D. Odom

Michael G. Adams Secretary of State Commonwealth of Kentucky 232122/0761125

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 23212

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

WINDSTREAM COMMUNICATIONS, LLC

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on December 15, 2005.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. Odami

Michael G. Adams Secretary of State Commonwealth of Kentucky 232123/0627735

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 232136

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

WINDSTREAM FIBERNET, LLC

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on January 24, 2005.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adams

Michael G. Adams Secretary of State Commonwealth of Kentucky 232136/0604238

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Existence

Authentication number: 232124

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

WINDSTREAM KDL, LLC

is a limited liability company duly organized and existing under KRS Chapter 14A and KRS Chapter 275, whose date of organization is April 13, 1990 and whose period of duration is perpetual.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that articles of dissolution have not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Wehall J. Odom

Michael G. Adams Secretary of State Commonwealth of Kentucky 232124/0271651

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 232125

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

WINDSTREAM KENTUCKY EAST, LLC

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on June 13, 2008.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adami

Michael G. Adams Secretary of State Commonwealth of Kentucky 232125/0707420

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Existence

Authentication number: 232126

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

WINDSTREAM KENTUCKY WEST, LLC

is a limited liability company duly organized and existing under KRS Chapter 14A and KRS Chapter 275, whose date of organization is March 8, 1954 and whose period of duration is perpetual.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that articles of dissolution have not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Mehall J. Odami

Michael G. Adams Secretary of State Commonwealth of Kentucky 232126/0183453

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 232135

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

WINDSTREAM NEW EDGE, LLC

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on August 12, 1999.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adami

Michael G. Adams Secretary of State Commonwealth of Kentucky 232135/0478678

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Existence

Authentication number: 232127

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

WINDSTREAM NORLIGHT, LLC

is a limited liability company duly organized and existing under KRS Chapter 14A and KRS Chapter 275, whose date of organization is December 21, 1977 and whose period of duration is perpetual.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that articles of dissolution have not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adami

Michael G. Adams Secretary of State Commonwealth of Kentucky 232127/0085590

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 232128

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

WINDSTREAM NTI, LLC

, a limited liability company authorized under the laws of the state of Wisconsin, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on February 1, 2008.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adams

Michael G. Adams Secretary of State Commonwealth of Kentucky 232128/0684549

Michael G. Adams Secretary of State P. O. Box 718 Frankfort, KY 40602-0718 (502) 564-3490 http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 232129

Visit https://web.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

WINDSTREAM NUVOX, LLC

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on October 26, 2004.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of May, 2020, in the 228th year of the Commonwealth.



Michael D. adami

Michael G. Adams Secretary of State Commonwealth of Kentucky 232129/0597868