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STATE OF MASS.  
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COMMISSION

**AMENDMENT**  
  
to  
  
**INTERCONNECTION AGREEMENTS**

**THIS AMENDMENT** (this "Amendment"), effective as of November 1, 2004 (the "Effective Date"), amends each of the Interconnection Agreements (the "Interconnection Agreements") by and between each of the Verizon incumbent local exchange carrier ("ILEC") affiliates (individually and collectively "Verizon" or the "Verizon Parties") and each of the AT&T wireline competitive local exchange carrier ("CLEC") affiliates (individually and collectively "AT&T" or the "AT&T Parties"; Verizon and AT&T are referred to herein individually as a "Party" and collectively as the "Parties"). Attachment 1 hereto lists, to the best of the Parties' knowledge, the Interconnection Agreements in effect as of the Effective Date. For the avoidance of any doubt, this Amendment shall also amend each new Interconnection Agreement or adoption in any Verizon ILEC service area in which the Parties did not have an Interconnection Agreement prior to November 1, 2004, provided that in such instances the "Effective Date" of this Amendment shall be the date on which such Interconnection Agreement or adoption becomes effective. The term "affiliates," as used in this Amendment, shall have the same meaning as under Rule 405 of the Rules promulgated pursuant to the Securities Act of 1933, as amended.

**WITNESSETH:**

**WHEREAS**, Verizon and AT&T are Parties to Interconnection Agreements under Sections 251 and 252 of the Act.

**WHEREAS**, the Parties wish to amend the Interconnection Agreements to reflect their agreements on certain intercarrier compensation (including, without limitation, reciprocal compensation), interconnection architecture and related matters, as set forth in Attachment 2 hereto.

**NOW, THEREFORE**, in consideration of the above recitals and the mutual promises and agreements set forth below, the receipt and sufficiency of which are expressly acknowledged, each of the Parties, on its own behalf and on behalf of its respective successors and assigns, hereby agrees as follows:

1. Amendments to Interconnection Agreements. The Parties agree that the terms and conditions set forth in Attachment 2 hereto shall govern the Parties' mutual rights and obligations with respect to the provisions set forth therein. For the avoidance of any doubt, modifications to the Interconnection Agreements (in effect as of the Effective Date) pursuant to Sections 3, 4 and

5 of Attachment 2 hereto shall apply with respect to traffic exchanged by the Parties that is covered by the next bill rendered, on or after the Effective Date, in the ordinary course by each Party for the affected categories of traffic, with respect to usage that is customarily and timely included in such bills, even if such traffic was actually exchanged on a date up to sixty (60) days prior to the Effective Date.

2. Conflict between this Amendment and the Interconnection Agreements. This Amendment shall be deemed to revise the terms and provisions of the Interconnection Agreements to the extent necessary to give effect to the terms and provisions of this Amendment. In the event of a conflict between the terms and provisions of this Amendment and the terms and provisions of any of the Interconnection Agreements, this Amendment shall govern; *provided, however,* that the fact that a term or provision appears in this Amendment but not in an Interconnection Agreement, or in an Interconnection Agreement but not in this Amendment, shall not be interpreted as, or deemed grounds for finding, a conflict for purposes of this Section 2.

3. Counterparts. This Amendment may be executed in counterparts, each of which when so executed and delivered shall be an original and all of which together shall constitute one and the same instrument.

4. Captions. The Parties acknowledge that the captions in this Amendment have been inserted solely for convenience of reference and in no way define or limit the scope or substance of any term or provision of this Amendment.

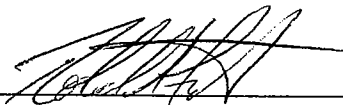
5. Joint Work Product. The Parties acknowledge that this Amendment is the joint work product of the Parties, that, for convenience, this Amendment has been drafted in final form by Verizon and that, accordingly, in the event of ambiguities in this Amendment, no inferences shall be drawn against either Party on the basis of authorship of this Amendment.

6. Scope of Amendment. This Amendment shall amend, modify and revise the Interconnection Agreements only to the extent set forth expressly in Section 1 of this Amendment, and, except to the extent set forth in Section 1 of this Amendment, the terms and provisions of the Interconnection Agreements shall remain in full force and effect after the Effective Date.

**SIGNATURE PAGE**

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed and delivered by their duly authorized representatives under seal.

**THE AT&T PARTIES**

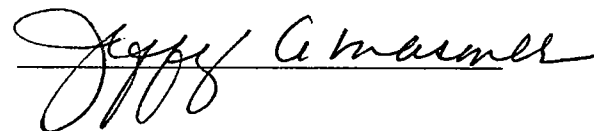
By: 

Printed: Robert S. Feit

Title: Vice Pres. - Law & Corp. Secy - AT&T Corp

Date: 11/13/04

**THE VERIZON PARTIES**

By: 

Printed: Jeffrey A. Masoner

Title: Vice President - Interconnection Services Policy and Planning

Date: Nov. 13, 2004

**Attachment 1**

**Interconnection Agreements Between The Parties as of November 1, 2004**

**ACC ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p align="center"><b>Connecticut</b></p> <p>ACC Long Distance of Connecticut Corp. ("ACC CT") assigned its Interconnection Agreement with Verizon New York Inc. d/b/a Verizon New York dated as of June 10, 1998, to AT&amp;T Communications of New England, Inc. ("AT&amp;T") and, contemporaneous with such assignment, AT&amp;T terminated its Interconnection Agreement with Verizon New York Inc. d/b/a Verizon New York dated August 23, 1999.</p>	<p>Assigned to AT&amp;T INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of June 4, 1998 by and between BELL ATLANTIC - DELAWARE, INC. and ACC NATIONAL TELECOM CORP.</p>	<p>N/A</p>	<p>N/A</p>	<p>N/A</p>
<p align="center"><b>Delaware</b></p> <p align="center"><b>Maine</b></p> <p>ACC National Telecom Corp. ("ACC") assigned its Interconnection Agreement with Verizon New England Inc. d/b/a Verizon Maine dated as of April 7, 1999, to AT&amp;T Communications of New England, Inc. ("AT&amp;T") and, contemporaneous with such assignment, AT&amp;T terminated its Interconnection Agreement with Verizon New England Inc. d/b/a Verizon Maine dated June 1, 1999.</p>	<p>Assigned to AT&amp;T</p>	<p>N/A</p>	<p>N/A</p>	<p>Amendment 2</p>

## ACC ICA AGREEMENTS

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p style="text-align: center;"><b>Massachusetts</b></p>	<p>AGREEMENT between New England Telephone and Telegraph Company d/b/a BA and ACC National Telecom Corp.</p>	<p>Bell Atlantic - Massachusetts (n/k/a Verizon New England Inc. d/b/a Verizon Massachusetts)</p> <p>ACC NATIONAL TELECOM CORP.</p>	<p>6/25/97 effective</p>	<p>Amendment 2</p>
<p style="text-align: center;"><b>New Hampshire</b></p> <p>ACC National Telecom Corp. ("ACC") assigned its Interconnection Agreement with Verizon New England Inc. d/b/a Verizon New Hampshire dated as of June 10, 1998, to AT&amp;T Communications of New England, Inc. ("AT&amp;T") and, contemporaneous with such assignment, AT&amp;T terminated its Interconnection Agreement with Verizon New England Inc. d/b/a Verizon New Hampshire dated April 12, 1999.</p>	<p>Assigned to AT&amp;T</p>	<p>N/A</p>	<p>N/A</p>	<p>N/A</p>
<p style="text-align: center;"><b>New York</b></p>	<p>INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of June 24, 2002 by and between VERIZON NEW YORK INC. and ACC NATIONAL TELECOM CORP.</p>	<p>Verizon New York Inc. ACC NATIONAL TELECOM CORP.</p>	<p>6/24/02 effective</p>	<p>Amendment 2</p>

**ACC ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p><b>Pennsylvania (BA)</b></p>	<p>INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of June 8, 1998 by and between BELL ATLANTIC - PENNSYLVANIA, INC. and ACC NATIONAL TELECOM CORP.</p>	<p>Bell Atlantic - Pennsylvania, Inc. (n/k/a Verizon Pennsylvania, Inc.) ACC NATIONAL TELECOM CORP.</p>	<p>6/8/98 effective</p>	<p>Amendment 2</p>
<p><b>Rhode Island</b> ACC National Telecom Corp. ("ACC") assigned its Interconnection Agreement with Verizon New England Inc. d/b/a Verizon Rhode Island dated as of April 7, 1999, to AT&amp;T Communications of New England, Inc. ("AT&amp;T") and, contemporaneous with such assignment, AT&amp;T terminated its Interconnection Agreement with Verizon New England Inc. d/b/a Verizon Rhode Island dated June 7, 1999.</p>	<p>Assigned to AT&amp;T</p>	<p>N/A</p>	<p>N/A</p>	<p>N/A</p>
<p><b>Vermont</b> ACC National Telecom Corp. ("ACC") assigned its Interconnection Agreement with Verizon New England Inc. d/b/a Verizon Vermont dated as of June 10, 1998, to AT&amp;T Communications of New England, Inc. ("AT&amp;T") and, contemporaneous with such assignment, AT&amp;T terminated its Interconnection Agreement with Verizon New England Inc., d/b/a Verizon Vermont dated June 1, 1999.</p>	<p>Assigned to AT&amp;T</p>	<p>N/A</p>	<p>N/A</p>	<p>N/A</p>

**ACC ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
Washington, DC	INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of June 8, 1998 by and between BELL ATLANTIC - WASHINGTON, D.C., INC. and ACC NATIONAL TELECOM CORP.	Bell Atlantic - Washington, D.C., Inc. (n/k/a Verizon Washington, DC Inc.) ACC NATIONAL TELECOM CORP.	6/8/98 effective	Amendment 2



**AT&T ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
California	INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE CALIFORNIA INCORPORATED, CONTEL OF CALIFORNIA, INC. and AT&T COMMUNICATIONS OF CALIFORNIA, INC.	GTE California Incorporated and Contel of California, Inc. (n/k/a Verizon California, Inc.) AT&T Communications of California, Inc.	1/23/97 effective 1/13/97 approved	Amendment 6
<p><b>Connecticut</b></p> <p>ACC Long Distance of Connecticut Corp. ("ACC CT") assigned its Interconnection Agreement with Verizon New York Inc. dated as of June 10, 1998, to AT&amp;T Communications of New England, Inc. ("AT&amp;T") and, contemporaneous with such assignment, AT&amp;T terminated its Interconnection Agreement with Verizon New York Inc. dated August 23, 1999.</p>	<p>Assigned Agreement:</p> <p>INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996</p> <p>Dated as of June 10, 1998 by and between NEW YORK TELEPHONE &amp; TELEGRAPH COMPANY d/b/a BELL ATLANTIC - NEW YORK and ACC LONG DISTANCE OF CONNECTICUT CORP. FOR CONNECTICUT</p>	<p>New York Telephone &amp; Telegraph Company D/B/A Bell Atlantic - New York (n/k/a Verizon New York, Inc., d/b/a Verizon New York)</p> <p>ACC Long Distance of Connecticut Corp. (assigned to AT&amp;T Communications of New England, Inc.)</p>	6/10/98 effective	Amendment 2

**AT&T ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
Delaware	AGREEMENT between Bell Atlantic -- Delaware, Inc. and AT&T Communications of Delaware, Inc. Effective Date: _____, 1997	Bell Atlantic -- Delaware, Inc. (n/k/a Verizon Delaware Inc.) AT&T Communications of Delaware, Inc.	9/30/97 signed and effective 10/21/97 approved	Amendment 3
Florida	INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between AT&T COMMUNICATIONS OF THE SOUTHERN STATES, INC. and GTE FLORIDA INC.	GTE Florida Inc. (n/k/a Verizon Florida, Inc.) AT&T Communications of the Southern States, Inc.	8/1/97 effective 7/18/97 approved	Amendment 4
Hawaii	INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE HAWAIIAN TELEPHONE COMPANY INCORPORATED and AT&T COMMUNICATIONS OF HAWAII, INC.	GTE Hawaiian Telephone Company Incorporated (n/k/a Verizon Hawaii Inc.) AT&T Communications of Hawaii, Inc.	6/13/97 effective 5/8/97 filed	Amendment 2

**AT&T ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p><b>Idaho</b> (AT&amp;T adopted the terms of the Pathnet agreement)</p>	<p>Adopted Agreement: INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT BETWEEN GTE NORTHWEST INCORPORATED AND PATHNET, INC.</p>	<p>GTE Northwest Incorporated (n/k/a Verizon Northwest Inc.) Pathnet, Inc. (AT&amp;T Communications of the Mountain States, Inc., adoptee)</p>	<p>7/10/01 adoption effective 8/21/01 adoption approved 6/29/00 Pathnet effective</p>	<p>Amendment 1</p>
<p><b>Illinois</b></p>	<p>INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT among GTE NORTH INCORPORATED, GTE SOUTH INCORPORATED, d/b/a GTE SYSTEMS OF ILLINOIS and AT&amp;T COMMUNICATIONS OF ILLINOIS, INC.</p>	<p>GTE Systems of Illinois (n/k/a Verizon North Inc.) AT&amp;T Communications of Illinois, Inc.</p>	<p>6/28/99 effective 6/21/99 approved</p>	<p>Amendment 3</p>
<p><b>Indiana</b></p>	<p>INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE NORTH INCORPORATED AND CONTEL OF THE SOUTH, INC., d/b/a GTE SYSTEMS OF INDIANA, INC. and AT&amp;T COMMUNICATIONS OF INDIANA, INC.</p>	<p>GTE North Incorporated and Contel of the South d/b/a GTE Systems of Indiana (n/k/a Verizon North, Inc.) AT&amp;T Communication of Indiana</p>	<p>11/24/99 effective 11/17/99 approved</p>	<p>Amendment 1</p>

# AT&T ICA AGREEMENTS

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p><b>Maine</b> ACC National Telecom Corp. ("ACC") assigned its Interconnection Agreement with Verizon New England Inc. d/b/a Verizon Maine dated as of April 7, 1999, to AT&amp;T Communications of New England, Inc. ("AT&amp;T") and, contemporaneous with such assignment, AT&amp;T terminated its Interconnection Agreement with Verizon Maine dated June 1, 1999.</p>	<p>Assigned Agreement: INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of April 7, 1999 by and between NEW ENGLAND TELEPHONE AND TELEGRAPH COMPANY, d/b/a BELL ATLANTIC - MAINE and ACC NATIONAL TELECOM CORP.</p>	<p>New England Telephone and Telegraph d/b/a Bell Atlantic - Maine (n/k/a Verizon New England Inc. d/b/a Verizon Maine) ACC NATIONAL TELECOM CORP. (assigned to AT&amp;T Communications of New England, Inc.)</p>	<p>4/7/99 effective</p>	<p>Amendment 2</p>
<p><b>Maryland</b></p>	<p>AGREEMENT between Bell Atlantic - Maryland, Inc. and AT&amp;T Communications of Maryland, Inc.</p>	<p>Bell Atlantic - Maryland, Inc. (n/k/a Verizon Maryland, Inc.) AT&amp;T Communications of Maryland, Inc.</p>	<p>8/1/97 effective</p>	<p>Amendment 3</p>
<p><b>Massachusetts</b></p>	<p>AGREEMENT between New England Telephone and Telegraph Company d/b/a BA and AT&amp;T Communications of New England, Inc.</p>	<p>Bell Atlantic - Massachusetts (n/k/a Verizon New England Inc. d/b/a Verizon Massachusetts) AT&amp;T Communications of New England, Inc.</p>	<p>4/13/98 effective</p>	<p>Amendment 1</p>

**AT&T ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
Michigan	INTERCONNECTION, RESELL AND UNBUNDLING AGREEMENT between GTE NORTH INCORPORATED AND CONTEL OF THE SOUTH, INC., d/b/a GTE SYSTEMS OF MICHIGAN and AT&T COMMUNICATIONS OF MICHIGAN, INC.	GTE North Incorporated and Contel of the South, Inc d/b/a GTE Systems of Michigan (n/k/a Verizon North, Inc.) AT&T Communications of Michigan, Inc.	8/3/99 effective 7/16/99 approved	Amendment 3
New Hampshire	Assigned Agreement: INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of June 10, 1998 by and between NEW ENGLAND TELEPHONE AND TELEGRAPH COMPANY, d/b/a BELL ATLANTIC - NEW HAMPSHIRE and ACC NATIONAL TELECOM CORP.	New England Telephone and Telegraph Company (n/k/a Verizon New England Inc. d/b/a Verizon New Hampshire) ACC NATIONAL TELECOM CORP. (assigned to AT&T Communications of New England, Inc.)	6/10/98 effective	Amendment 2
New Jersey	AGREEMENT between Bell Atlantic -- New Jersey, Inc. and AT&T Communications of New Jersey, Inc.	Bell Atlantic - New Jersey, Inc. (n/k/a Verizon New Jersey, Inc.) AT&T Communications of New Jersey, Inc.	9/15/97 effective	Amendment 3

# AT&T ICA AGREEMENTS

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
New York	INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of June 24, 2002 by and between VERIZON NEW YORK INC. and AT&T COMMUNICATIONS OF NEW YORK, INC	Verizon New York Inc. AT&T Communications of New York, Inc.	6/24/02 effective	Amendment 2
North Carolina	INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between AT&T COMMUNICATIONS OF THE SOUTHERN STATES, INC. and GTE SOUTH INCORPORATED	GTE South Incorporated (n/k/a Verizon South, Inc.) AT&T Communications of the Southern States	2/9/99 effective 1/28/99 approved	Amendment 1
Ohio	INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE NORTH INCORPORATED and AT&T COMMUNICATIONS OF OHIO, INC.	GTE North Incorporated (n/k/a Verizon North Inc.) AT&T Communications of Ohio	12/30/98 effective 12/22/98 approved	Amendment 3

# AT&T ICA AGREEMENTS

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
Oregon	INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE NORTHWEST INCORPORATED and AT&T COMMUNICATIONS OF THE PACIFIC NORTHWEST, INC	GTE Northwest Incorporated (n/k/a Verizon Northwest, Inc.) AT&T Communications of the Pacific Northwest, Inc.	1/27/99 effective 1/20/99 approved	Amendment 2
Pennsylvania (BA) (AT&T adopted the terms of the TCG Pittsburgh agreement)	INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of February 3, 1997 by and between BELL ATLANTIC - PENNSYLVANIA, INC. and TCG - PITTSBURGH	Bell Atlantic - Pennsylvania, Inc. (n/k/a Verizon Pennsylvania, Inc.) TCG - Pittsburgh (AT&T Communications of Pennsylvania, Inc., adoptee)	4/29/02 adoption effective 4/22/02 adoption letter date 8/29/02 adoption approved 2/3/97 TCG Pittsburgh effective	Amendment 1
Pennsylvania (GTE)	INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE NORTH, INC. and AT&T COMMUNICATIONS OF PENNSYLVANIA, INC.	GTE North Incorporated (n/k/a Verizon North, Inc.) AT&T Communications of Pennsylvania, Inc.	10/12/99 effective 10/1/99 approved	Amendment 3

**AT&T ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p><b>Rhode Island</b> ACC National Telecom Corp. ("ACC") assigned its Interconnection Agreement with Verizon New England Inc. d/b/a Verizon Rhode Island dated as of April 7, 1999, to AT&amp;T Communications of New England, Inc. ("AT&amp;T") and, contemporaneous with such assignment, AT&amp;T terminated its Interconnection Agreement with Verizon Rhode Island dated June 7, 1999.</p>	<p>Assigned Agreement: INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of April 7, 1999 by and between NEW ENGLAND TELEPHONE AND TELEGRAPH COMPANY, d/b/a BELL ATLANTIC - RHODE ISLAND and ACC NATIONAL TELECOM CORP.</p>	<p>New England Telephone and Telegraph Company, d/b/a Bell Atlantic - Rhode Island (n/k/a Verizon New England Inc., d/b/a Verizon Rhode Island) ACC NATIONAL TELECOM CORP. (assigned to AT&amp;T Communications of New England, Inc.)</p>	<p>4/7/99 effective</p>	<p>Amendment 2</p>
<p><b>South Carolina</b></p>	<p>INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between AT&amp;T COMMUNICATIONS OF THE SOUTHERN STATES, INC. and GTE SOUTH INCORPORATED</p>	<p>GTE South Incorporated (n/k/a Verizon South Inc.) AT&amp;T Communications of the Southern States, Inc.</p>	<p>7/14/00 effective</p>	<p>Amendment 1</p>
<p><b>Texas</b></p>	<p>INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE SOUTHWEST INCORPORATED AND CONTEL OF TEXAS, INC. and AT&amp;T COMMUNICATIONS OF THE SOUTHWEST, INC</p>	<p>GTE Southwest Incorporated (n/k/a GTE Southwest Incorporated, d/b/a Verizon Southwest AT&amp;T Communications of the Southwest, Inc.</p>	<p>6/6/97 effective 5/30/97 approved</p>	<p>Amendment 2</p>



**AT&T ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p><b>Vermont</b>                      ACC National Telecom Corp. ("ACC") assigned its Interconnection Agreement with Verizon New England Inc. as of June 10, 1998, to AT&amp;T Communications of New England, Inc. ("AT&amp;T") and, contemporaneous with such assignment, AT&amp;T terminated its Interconnection Agreement with Verizon New England Inc., d/b/a Verizon Vermont dated June 1, 1999.</p>	<p>Assigned Agreement:                      INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996                      Dated as of June 10, 1998 by and between BELL ATLANTIC - VERMONT and ACC                      NATIONAL TELECOM CORP.</p>	<p>New England Telephone and Telegraph Company, d/b/a Bell Atlantic Vermont (n/k/a Verizon New England, Inc.)                      ACC NATIONAL TELECOM CORP. (assigned to AT&amp;T Communications of New England, Inc.)</p>	<p>6/10/98 effective</p>	<p>Amendment 2</p>
<p><b>Virginia (BA)</b></p>	<p>INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of October 8, 2002 by and between VERIZON VIRGINIA INC. and AT&amp;T COMMUNICATIONS OF VIRGINIA, INC.</p>	<p>Verizon Virginia, Inc.                      AT&amp;T Communications of Virginia, Inc.</p>	<p>10/8/02 effective</p>	<p>Amendment 1</p>
<p><b>Virginia (GTE)</b></p>	<p>INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE SOUTH INCORPORATED AND AT&amp;T COMMUNICATIONS OF VIRGINIA, INC.</p>	<p>GTE South Incorporated (n/k/a Verizon South Inc.)                      AT&amp;T Communications of Virginia, Inc.</p>	<p>5/28/99 effective                      5/14/99 approved</p>	<p>Amendment 1</p>

**AT&T ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
Washington, DC	AGREEMENT between Bell Atlantic -- Washington, DC, Inc. and AT&T Communications of Washington, DC, Inc. Effective Date: August 25, 1997	Bell Atlantic - Washington, D.C., Inc. (n/k/a Verizon Washington, DC Inc.)	8/25/97 effective 10/24/97 approved	Amendment 3
Washington (State)	INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE NORTHWEST INCORPORATED and AT&T COMMUNICATIONS OF THE PACIFIC NORTHWEST, INC.	GTE Northwest Incorporated (n/k/a Verizon Northwest Inc.) AT&T Communications of the Pacific Northwest, Inc.	9/25/97 effective 8/25/97 approved	Amendment 2
West Virginia (AT&T adopted the terms of the McClmetro agreement)	Adopted Agreement: INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of FEBRUARY 10, 1999 by and between BELL ATLANTIC - WEST VIRGINIA and AT&T COMMUNICATIONS OF WEST VIRGINIA	Bell Atlantic - West Virginia, Inc. (n/k/a Verizon West Virginia Inc.) AT&T Communications of West Virginia, Inc., adoptee	2/10/99 adoption effective 5/21/99 adoption approved 9/3/98 McClm effective	Amendment 2

**AT&T ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
Wisconsin	INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between AT&T COMMUNICATIONS OF WISCONSIN, INC. and GTE NORTH INCORPORATED	GTE North Incorporated (n/k/a Verizon North Inc.) AT&T Communications of Wisconsin, Inc.	2/5/99 effective 1/28/99 approved	Amendment 1

**TCG ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p>California (TCG adopted the terms of the MCI Metro agreement)</p>	<p>Adopted Agreement:  INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT BETWEEN GTE OF CALIFORNIA, INCORPORATED AND MCImetro ACCESS TRANSMISSION SERVICES, INC.</p>	<p>GTE California Incorporated (for the state of California) (now known as Verizon California, Inc.)  MCImetro Access Transmission Services, Inc. (Teleport Communications Group, Inc. San Diego, Teleport Communications Group, Inc Los Angeles, and Teleport Communications Group, Inc San Francisco, adoptees)  * Limited Blanket agreement list all (3) entities</p>	<p>6/10/98 effective  7/13/98 TCG adoptions filed  6/10/98 adoption letter date  9/3/98 adoption approval order  2/11/97 MCIIm effective</p>	<p>Amendment 4</p>

**TCG ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
Delaware	AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of September 13, 1996 by and between BELL ATLANTIC-DELAWARE, INC. and EASTERN TELELOGIC CORPORATION	Bell Atlantic - Delaware, Inc. (n/k/a Verizon Delaware Inc.) Eastern Telelogic Corporation (n/k/a TCG Delaware Valley, Inc.)	9/13/96 effective	Amendment 7
Florida (TCG adopted the terms of the AT&T agreement)	Adopted Agreement: INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE FLORIDA INCORPORATED and AT&T COMMUNICATIONS OF THE SOUTHERN STATES, INC.	GTE Florida Incorporated (n/k/a Verizon Florida, Inc.) AT&T Communications of the Southern States, Inc. (TCG South Florida, adoptee)	3/6/98 TCG adoption filed and effective 2/20/98 adoption letter date 8/1/97 AT&T effective	Amendment 3

**TCG ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p><b>Illinois</b> (TCG adopted the terms of the AT&amp;T agreement)</p>	<p>Adopted Agreement: INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT among GTE NORTH INCORPORATED, GTE SOUTH INCORPORATED, d/b/a GTE SYSTEMS OF ILLINOIS and AT&amp;T COMMUNICATIONS OF ILLINOIS, INC.</p>	<p>GTE North, Incorporated, GTE South, Incorporated, d/b/a GTE Systems of Illinois (n/k/a Verizon North Inc., Verizon South Inc.) AT&amp;T Communications of Illinois, Inc. (TCG Chicago and TCG Illinois, adoptees)</p>	<p>6/2/04 TCG adoption effective 5/19/04 adoption letter date 9/15/04 adoption filed 6/28/99 AT&amp;T effective</p>	<p>Amendment 1</p>
<p><b>Indiana</b> (TCG adopted the terms of the AT&amp;T agreement)</p>	<p>Adopted Agreement: INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE NORTH INCORPORATED AND CONTEL OF THE SOUTH, INC., D/B/A GTE SYSTEMS OF INDIANA, INC. and AT&amp;T COMMUNICATIONS OF INDIANA, INC.</p>	<p>GTE North Incorporated and Contel of the South, Inc., d/b/a GTE Systems of Indiana, Inc. (n/k/a Verizon North Inc., Contel of the South, Inc. d/b/a Verizon North Systems)</p>	<p>4/21/03 adoption filed 11/24/99 AT&amp;T effective</p>	<p>Amendment 1</p>

**TCG ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
Maryland	INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of February 3, 1997 by and between BELL ATLANTIC - MARYLAND, INC. and TCG - MARYLAND	Bell Atlantic - Maryland, Inc. (n/k/a Verizon Maryland Inc.) TCG Maryland	2/3/97 effective	Amendment 4
Massachusetts	INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of October 29, 1997 by and between BELL ATLANTIC- MASSACHUSETTS and TELEPORT COMMUNICATIONS BOSTON	New England Telephone and Telegraph Company, d/b/a Bell Atlantic - Massachusetts (n/k/a Verizon New England Inc., d/b/a Verizon Massachusetts) Teleport Communications Boston (n/k/a Teleport Communications Boston, Inc.)	10/29/97 effective	Amendment 3

**TCG ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p><b>Michigan</b> (TCG adopted the terms of the AT&amp;T agreement)</p>	<p>Adopted Agreement: INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE NORTH INCORPORATED AND CONTEL OF THE SOUTH, INC., d/b/a GTE SYSTEMS OF MICHIGAN and AT&amp;T COMMUNICATIONS OF MICHIGAN, INC.</p>	<p>GTE North Incorporated and Contel of the South, Inc. d/b/a GTE Systems of Michigan, Inc. (n/k/a Verizon North Inc.) AT&amp;T Corp. (TCG Detroit, adoptee)</p>	<p>11/24/99 adoption filed and effective 2/9/00 adoption approval order 8/3/99 AT&amp;T effective</p>	<p>Amendment 3</p>
<p><b>New Hampshire</b> (TCG adopted the terms of the ACC agreement)</p>	<p>Adopted Agreement: INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of _____, 1998 by and between BELL ATLANTIC - NEW HAMPSHIRE and ACC NATIONAL TELECOM CORP.</p>	<p>Bell Atlantic - New Hampshire (n/k/a Verizon New England Inc, d/b/a Verizon New Hampshire) ACC National Telecom Corp. (TCG New Hampshire Inc., adoptee) Name change pending to Teleport Communications- Boston, Inc. (need to check on this)</p>	<p>6/18/02 adoption effective 6/11/02 adoption letter date ACC effective 6/10/98</p>	<p>Amendment 2</p>



**TCG ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
New Jersey (ETC)	INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of September 13, 1996 by and between BELL ATLANTIC-NEW JERSEY, INC. and EASTERN TELELOGIC CORPORATION	Bell Atlantic - New Jersey, Inc. (n/k/a Verizon new Jersey Inc.) Eastern Telelogic Corporation (n/k/a TCG Delaware Valley, Inc.)	9/13/96 effective 1/8/97 approved	Amendment 4
New Jersey (TC Systems)	INTERCONNECTION AGREEMENT UNDER SECTIONS 251 TELECOMMUNICATIONS ACT OF 1996 Dated as of February 3, 1997 by and between BELL ATLANTIC - NEW JERSEY, INC. and TC SYSTEMS, INC.	Bell Atlantic - New Jersey, Inc. (n/k/a Verizon New Jersey Inc.) TC Systems, Inc. (n/k/a Teleport Communications of New York)	2/3/97 effective 6/11/97 approved	Amendment 4
New York	INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of June 24, 2002 by and between VERIZON NEW YORK INC. and TELEPORT COMMUNICATIONS GROUP INC.	Verizon New York Inc. Teleport Communications Group Inc.	6/24/02 effective	Amendment 2

**TCG ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p>North Carolina (TCG adopted the terms of the AT&amp;T agreement)</p>	<p>Adopted Agreement: INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between AT&amp;T COMMUNICATIONS OF THE SOUTHERN STATES, INC. and GTE SOUTH INCORPORATED</p>	<p>GTE South Incorporated (n/k/a Verizon South, Inc.)  AT&amp;T Communications of the Southern States, Inc. (TCG of the Carolinas, Inc., adoptee)</p>	<p>12/8/00 adoption filed and effective  12/27/00 approved  2/9/99 AT&amp;T effective</p>	<p>Amendment 1</p>
<p>Ohio (TCG adopted the terms of the AT&amp;T agreement)</p>	<p>Adopted Agreement: INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE NORTH INCORPORATED and AT&amp;T COMMUNICATIONS OF OHIO, INC.</p>	<p>GTE North Incorporated (n/k/a Verizon North, Inc.)  AT&amp;T Communications of Ohio, Inc. (TCG Ohio, Inc., adoptee)</p>	<p>6/2/04 adoption effective  5/19/04 adoption letter date  12/30/98 AT&amp;T effective</p>	<p>Amendment 1</p>
<p>Oregon (TCG adopted the terms of the AT&amp;T agreement)</p>	<p>Adopted Agreement: INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE NORTHWEST INCORPORATED and AT&amp;T COMMUNICATIONS OF THE PACIFIC NORTHWEST, INC.</p>	<p>GTE Northwest Incorporated (n/k/a Verizon Northwest Inc.)  AT&amp;T Communications of the Pacific Northwest, Inc. (TCG Oregon, adoptee)</p>	<p>4/23/99 adoption filed and effective  4/5/99 adoption letter date  5/10/99 adoption approved  1/27/99 AT&amp;T effective</p>	<p>Amendment 2</p>

**TCG ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p>Pennsylvania (BA) TCG Pittsburgh</p>	<p>INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of February 3, 1997 by and between BELL ATLANTIC - PENNSYLVANIA, INC. and TCG - PITTSBURGH</p>	<p>Bell Atlantic - Pennsylvania, Inc. (n/k/a Verizon Pennsylvania, Inc.) TCG Pittsburgh</p>	<p>2/3/97 effective 5/27/97 approved</p>	<p>Amendment 2</p>
<p>Pennsylvania (BA) Eastern Telelogic</p>	<p>INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of September 13, 1996 by and between BELL ATLANTIC-PENNSYLVANIA, INC. and EASTERN TELELOGIC CORPORATION</p>	<p>Bell Atlantic - Pennsylvania, Inc. (n/k/a Verizon Pennsylvania Inc.) Eastern Telelogic Corporation (n/k/a TCG Delaware Valley, Inc.)</p>	<p>9/13/96 effective</p>	<p>Amendment 3</p>

**TCG ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p><b>Pennsylvania (GTE)</b>                      (TCG Pittsburgh and TCG Delaware Valley adopted the terms of the AT&amp;T Agreement)</p>	<p>Adopted Agreement:                      INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE NORTH, INC. and AT&amp;T COMMUNICATIONS OF PENNSYLVANIA, INC.</p>	<p>GTE North, Inc. (n/k/a Verizon North Inc.)                      AT&amp;T Communications of Pennsylvania, Inc. (TCG Pittsburgh, TCG Delaware Valley, Inc., adoptees)</p>	<p>1/26/00 adoption filed and effective                      1/12/00 VZ adoption letter date                      6/2/00 adoption approved                      10/12/99 AT&amp;T effective</p>	<p>Amendment 3</p>
<p><b>Rhode Island</b></p>	<p>INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of April 21, 1999 by and between BELL ATLANTIC-RHODE ISLAND and TCG RHODE ISLAND</p>	<p>Bell Atlantic-Rhode Island (n/k/a Verizon New England Inc., d/b/a Verizon Rhode Island)                      TCG Rhode Island</p>	<p>4/21/99 effective</p>	<p>Amendment 3</p>

**TCG ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p><b>Texas</b> (TCG adopted the terms of the AT&amp;T agreement)</p>	<p>Adopted Agreement: INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE SOUTHWEST INCORPORATED AND CONTEL OF TEXAS, INC. and AT&amp;T COMMUNICATIONS OF THE SOUTHWEST, INC.</p>	<p>GTE Southwest Incorporated and ConTEL of Texas (n/k/a Verizon Southwest Inc.) AT&amp;T Communications of the Southwest, Inc. (TCG Dallas and Teleport Communications Houston, Inc., adoptees)</p>	<p>2/20/98 effective 3/12/98 filed 2/17/98 TCG request to adopt 2/20/98 adoption letter date 6/6/97 AT&amp;T effective</p>	<p>Amendment 2</p>
<p><b>Virginia (BA)</b></p>	<p>INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of October 8, 2002 by and between VERIZON VIRGINIA INC. and TCG VIRGINIA, INC.</p>	<p>Verizon Virginia, Inc. TCG Virginia, Inc.</p>	<p>10/8/02 effective 7/22/97 effective 8/14/97 filed</p>	<p>Amendment 1</p>
<p><b>Virginia (GTE)</b> (TCG adopted VA GTE/MFS Intelenet agreement)</p>	<p>Adopted Agreement: MFS/GTE INTERIM VIRGINIA CO-CARRIER AGREEMENT</p>	<p>GTE South Incorporated (n/k/a Verizon South Inc.) MFS Intelenet of Virginia, Inc. (TCG Virginia, Inc., adoptee)</p>	<p>7/22/97 adoption letter date 6/6/97 MFS Intelenet VA agreement effective</p>	<p>Amendment 1</p>

**TCG ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
Washington, DC	INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996 Dated as of February 3, 1997 by and between BELL ATLANTIC - WASHINGTON, D. C., INC. and TELEPORT COMMUNICATIONS - WASHINGTON, D.C., INC.	Bell Atlantic - Washington, D.C. (n/k/a Verizon Washington, DC Inc.) Teleport Communications - Washington, D.C., Inc.	2/3/97 effective	Amendment 4
Washington (State) (TCG adopted the terms of the AT&T agreement)	Adopted Agreement: INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between GTE NORTHWEST INCORPORATED and AT&T Communications of the Pacific Northwest, Inc.	GTE Northwest Incorporated (n/k/a Verizon Northwest Inc.) AT&T Communications of the Pacific Northwest (TCG Seattle, adoptee)	4/21/99 adoption filed and effective 4/5/99 VZ adoption letter date 9/25/97 AT&T effective	Amendment 1

**TCG ICA AGREEMENTS**

STATE	EXACT TITLE OF ICA	NAMES OF PARTIES	NOTABLE IDENTIFYING DATES	AMENDMENT NUMBER
<p><b>West Virginia</b> (TCG adopted terms of MCI Metro agreement)</p>	<p>Adopted Agreement: MCI/metro/Bell Atlantic INTERCONNECTION AGREEMENT</p>	<p>Bell Atlantic – West Virginia, Inc. (n/k/a Verizon West Virginia Inc.) MCI/metro Access Transmission Services, Inc. (TCG Virginia, Inc., adoptee)</p>	<p>6/15/02 adoption effective 6/2/02 adoption letter date 1/6/03 adoption letter filed 9/3/98 MCI/m effective</p>	<p>Amendment 2</p>
<p><b>Wisconsin</b> (TCG adopted the terms of the AT&amp;T agreement)</p>	<p>Adopted Agreement: INTERCONNECTION, RESALE AND UNBUNDLING AGREEMENT between AT&amp;T COMMUNICATIONS OF WISCONSIN, INC. and GTE NORTH INCORPORATED</p>	<p>GTE North Incorporated (n/k/a Verizon North, Inc.) AT&amp;T Communications of Wisconsin, Inc. (TCG Milwaukee, Inc., adoptee)</p>	<p>1/20/04 adoption letter date 2/5/04 adoption filed 3/11/04 adoption approved 2/5/99 AT&amp;T effective</p>	<p>Amendment 1</p>

## Attachment 2

### Terms and Conditions

#### 1. Definitions.

Notwithstanding anything to the contrary in the Interconnection Agreements, this Amendment, in any applicable tariff or SGAT, or otherwise (including a change to applicable law effected after the Effective Date), the terms defined in this Section (or elsewhere in this Amendment) shall have the respective meanings set forth in this Amendment. A defined term intended to convey the meaning stated in this Amendment is capitalized when used. Other terms that are capitalized, and not defined in this Amendment, shall have the meaning set forth in the Act. Unless the context clearly indicates otherwise, any term defined in this Amendment that is defined or used in the singular shall include the plural, and any term defined in this Amendment that is defined or used in the plural shall include the singular. The words "shall" and "will" are used interchangeably, and the use of either indicates a mandatory requirement. The use of one or the other shall not confer a different degree of right or obligation for either Party. The terms defined in this Amendment have the meanings stated herein for the purpose of this Amendment only, do not otherwise supersede terms defined in the Interconnection Agreement and are not to be used for any other purpose. By agreeing to use the definitions of terms used in this Amendment, neither Party is conceding the definition of a term for any other purpose.

(a) "Act" means the Communications Act of 1934 (47 U.S.C. Section 151 et. seq.), as amended from time to time (including by the Telecommunications Act of 1996).

(b) "Effective Date" means November 1, 2004.

(c) "End Office" means a carrier switch to which telephone service subscriber access lines are connected for the purposes of interconnection to other subscriber access lines and to trunks.

(d) "End User" means a third party residence or business subscriber to Telephone Exchange Services.

(e) "Extended Local Calling Scope Arrangement" means an arrangement that provides an End User a local calling scope (Extended Area Service, "EAS") outside the End User's basic exchange serving area. Extended Local Calling Scope Arrangements may be either optional or non-optional. "Optional Extended Local Calling Scope Arrangement Traffic" is traffic that, under an optional Extended Local Calling Scope Arrangement chosen by the End User, terminates outside of the End User's basic exchange serving area.

(f) "ISP-Bound Traffic" means any Telecommunications traffic originated on the



public switched telephone network ("PSTN") on a dial-up basis that is transmitted to an Internet service provider at any point during the duration of the transmission, and includes V/FX Traffic that is transmitted to an Internet service provider at any point during the duration of the transmission but, for purposes of this Amendment, does not include Local Traffic or VOIP Traffic (the Parties hereby acknowledging that they shall not be deemed, by virtue of this Amendment, to have agreed for any other purpose whether ISP-Bound Traffic does or does not include Local Traffic or VOIP Traffic).

(g) "LERG" or "Local Exchange Routing Guide" means a Telcordia Technologies publication containing NPA/NXX routing and homing information.

(h) "Local Traffic" consists of Telecommunications traffic for which reciprocal compensation is required by Section 251(b)(5) of the Act or 47 C.F.R Part 51, and is based on calling areas established from time to time by each respective state public service commission (typically based on Verizon's local calling area, including non-optional EAS, except that, as of the Effective Date, in the State of New York reciprocal compensation is required on a LATA-wide basis) but, for purposes of this Amendment, does not include ISP-Bound Traffic or VOIP Traffic (the Parties hereby acknowledging that they shall not be deemed, by virtue of this Amendment, to have agreed for any other purpose whether Local Traffic does or does not include ISP-Bound Traffic or VOIP Traffic).

(i) "NPA/NXX Code" means area code plus the three-digit switch entity indicator (i.e., the first six digits of a ten-digit telephone number).

(j) "Tandem" or "Tandem Switch" means a physical or logical switching entity that has billing and recording capabilities and is used to connect and switch trunk circuits between and among End Office Switches and between and among End Office Switches and carriers' aggregation points, points of termination, or points of presence, and to provide Switched Exchange Access Services.

(k) "Virtual Foreign Exchange Traffic" or "V/FX Traffic" means a call to or from an End User assigned a telephone number with an NPA/NXX Code (as set forth in the LERG) associated with an exchange that is different than the exchange (as set forth in the LERG) associated with the actual physical location of such End User's station.

(l) "VOIP Traffic" means voice communications (including, for this purpose, fax transmissions and other applications, if any, of a type that may be transmitted over voicegrade communications) that are transmitted in whole or in part over packet switching facilities using Internet Protocol, but, for purposes of this Amendment, do not include ISP-Bound Traffic or Local Traffic (the Parties hereby acknowledging that they shall not be deemed, by virtue of this Amendment, to have agreed for any other purpose whether VOIP Traffic does or does not include ISP-Bound Traffic or Local Traffic). For purposes of this Amendment, VOIP Traffic also includes the foregoing communications exchanged between the Parties that are ultimately

originated by, or terminated to, a third party service provider, provided, however, that, in determining responsibility for access charges (if any) associated with VOIP Traffic pursuant to this Amendment, each Party reserves the right to maintain that such access charges are the responsibility of such third party service provider.

(m) "Wire Center" means a building or portion thereof that serves as the premises for one or more End Office switches and related facilities.

## **2. Conditions Precedent To Applicability of Rates.**

(a) In order for the terms set forth in Sections 3 and 4 below to take effect, the following conditions precedent must be satisfied as of the Effective Date (or, in the case of another carrier adopting any of the Interconnection Agreements, as of the effective date of any such adoption and with respect to such carrier and all of its CLEC affiliates): (i) AT&T shall be in compliance with the terms of Section 8 below regarding interconnection architecture; (ii) there shall be no outstanding billing disputes between the Parties with respect to reciprocal compensation or other intercarrier compensation charges by either Party for Local Traffic, ISP-Bound Traffic or VOIP Traffic; and (iii) the Aggregated Traffic Ratio (as defined in Section 3 below) for the last full calendar quarter prior to the Effective Date (or, in the case of another carrier adopting any of the Interconnection Agreements, for the last full calendar quarter prior to the effective date of any such adoption) shall be no greater than five (5) to one (1).

(b) If any of the conditions precedent set forth in Section 2(a) above are not satisfied as of the Effective Date (or in the case of another carrier adopting any of the Interconnection Agreements, as of the effective date of any such adoption), then compensation for ISP-Bound Traffic and Local Traffic exchanged between the Parties shall be governed by the following terms: (i) ISP-Bound Traffic shall be subject to "bill and keep" (i.e., zero compensation); and (ii) Verizon's then-prevailing reciprocal compensation rates in each particular service territory (as set forth in Verizon's standard price schedules, as amended) shall apply to Local Traffic exchanged between the Parties. For purposes of the preceding sentence only, all Local Traffic and ISP-Bound Traffic above a 3:1 ratio exchanged between the Parties under an Interconnection Agreement shall be considered to be ISP-Bound Traffic (except in Massachusetts, where a 2:1 ratio, instead of a 3:1 ratio, shall apply).

## **3. Unitary Rate for ISP-Bound Traffic and Local Traffic.**

(a) Except as otherwise set forth in Sections 4, 5 or 6, commencing on the Effective Date, and continuing prospectively for the applicable time periods described below (the "Amendment Term"), when ISP-Bound Traffic or Local Traffic is originated by a Party's End User on that Party's network (the "Originating Party") and delivered to the other Party (the "Receiving Party") for delivery to an End User of the Receiving Party, the Receiving Party shall bill and the Originating Party shall pay intercarrier compensation at the following equal, symmetrical rates (individually and collectively, the "Unitary Rate"):

- \$.0005 per minute of use (“MOU”) for traffic exchanged beginning on the Effective Date and ending on December 31, 2004;
- \$.00045 per MOU for traffic exchanged beginning January 1, 2005 and ending on December 31, 2005;
- \$.0004 per MOU for traffic exchanged beginning January 1, 2006 and ending on December 31, 2006 (or ending on a later date if and, to the extent that, this Amendment remains in effect (as set forth in Sections 9 and 10 below) after December 31, 2006);

*provided, however*, that if for any calendar quarter during the Amendment Term the ratio of MOUs, calculated on an aggregated basis across all jurisdictions, of (i) all traffic subject to the Unitary Rate under this Amendment that is originated on the networks of the Verizon Parties and delivered to the AT&T Parties, to (ii) all traffic subject to the Unitary Rate under this Amendment that is originated on the networks of the AT&T Parties and delivered to the Verizon Parties (the “Aggregated Traffic Ratio”), is greater than five (5) to one (1), then the Unitary Rate applicable to all such traffic above a five (5) to one (1) Aggregated Traffic Ratio shall be zero (i.e., “bill and keep”), and the then-applicable Unitary Rate shall continue to apply to all such traffic up to and including a five (5) to one (1) Aggregated Traffic Ratio. For the purpose of calculating the Aggregated Traffic Ratio, and only for that purpose, MOUs of Local Traffic and ISP-Bound Traffic exchanged between AT&T End Users served via UNE-P lines provided by Verizon to AT&T (“AT&T UNE-P lines”) and Verizon End Users (including End Users of a Verizon reseller) shall be included in such calculation; in such case, the calculation of MOUs terminated on AT&T UNE-P lines shall be based on the total MOUs originated by such AT&T UNE-P lines (i.e., the Parties shall assume, for this purpose only, a 1:1 ratio between MOUs originating on, and terminating to, such UNE-P lines). In addition, for the avoidance of doubt, for the purpose of calculating the Aggregated Traffic Ratio, “traffic subject to the Unitary Rate under this Amendment” shall also include VOIP Traffic until such time (if any) as the FCC issues the FCC VOIP Order referred to in Section 5(b) and rules that access charges apply to VOIP Traffic.

(b) Notwithstanding subsection (a) above: (i) for those geographic areas that, as of the Effective Date of this Amendment, are subject to an Interconnection Agreement between the Parties providing that Local Traffic (or the definitional equivalent thereto) within such geographic areas is to be exchanged on a “bill & keep” basis, the Unitary Rate for purposes of this Amendment shall be deemed to be zero (\$0.00) for the duration of the Amendment Term; and (ii) for those geographic areas that, as of the Effective Date of this Amendment, are not subject to existing Interconnection Agreements between the Parties, the Unitary Rate for purposes of this Amendment shall be deemed to be zero (\$0.00) for the duration of the Amendment Term.

(c) Notwithstanding subsection (a) above, the Parties are unable to agree, for purposes of creating a uniform rating methodology under this Amendment, whether V/FX Traffic

that is not ISP-Bound Traffic should be treated like toll traffic that is subject to switched access charges, like Local Traffic subject to the Unitary Rate, or in some other manner. Therefore, the Parties agree that V/FX Traffic that is not ISP-Bound Traffic shall continue to be governed by the treatment accorded such traffic under the terms of the existing Interconnection Agreements between the Parties as in effect prior to this Amendment; provided, however, to the extent such Interconnection Agreements subject V/FX Traffic that is not ISP-Bound Traffic to reciprocal compensation, such traffic shall instead be subject to the Unitary Rate as set forth in this Amendment. Notwithstanding the foregoing terms of this subsection, V/FX Traffic that is VOIP Traffic will be governed by the applicable provisions of Section 5.

#### **4. Traffic Exchanged Over UNE-P Lines.**

Notwithstanding Section 3 above, commencing on the Effective Date, and continuing prospectively for the Amendment Term, Local Traffic and ISP-Bound Traffic exchanged over AT&T UNE-P Lines shall continue to be subject to the intercarrier compensation arrangements in place prior to the Effective Date under the applicable Interconnection Agreements, except as otherwise set forth below in this Section 4:

(a) Notwithstanding any other provision of the Interconnection Agreements, this Amendment, an applicable tariff or SGAT, any applicable call flow diagrams, or otherwise, any charges of a type that are considered to be within the scope of "reciprocal compensation charges" (including charges expressly set forth below in this subsection (a) and other charges that may be imposed by a terminating Telecommunications Carrier associated with transport and termination of Local Traffic) for Local Traffic and ISP-Bound Traffic originated by an AT&T End User over a UNE-P line and terminated to a Verizon retail End User or to the End User of a Verizon reseller shall be replaced by the Unitary Rate. (Nothing herein shall limit Verizon's right to continue assessing the ULCTC charge pursuant to the terms of the Interconnection Agreements (or tariffs, when applicable) throughout the Amendment Term.) For the avoidance of doubt, the foregoing principle (i.e., in the first sentence of this subsection (a)) results in the following rate changes between the Parties in the jurisdictions noted below (but only with respect to such traffic):

(i) Verizon, former Bell Atlantic North States.

(A) Maine: The reciprocal compensation charge from the PUC TELRIC rates file (which immediately prior to the Effective Date was \$0.002084 per MOU (daytime), \$0.001756 per MOU (evening) and \$0.001680 per MOU (night/week-end)) is hereby replaced with the Unitary Rate.

(B) Massachusetts: The reciprocal compensation charge from DTE Tariff 17 Part M Sec. 2.6.3 (which immediately prior to the Effective Date was \$0.001127 per MOU) is hereby replaced with the Unitary Rate.

(C) New Hampshire: The charge for Local Inter-Entity Calls "Shared Transport End-to-End, where call terminates to Telephone Company switch," from PUC Tariff 84 Part M Sec. 2.6.3 (which immediately prior to the Effective Date was \$0.002810 per MOU (daytime), \$0.003860 per MOU (evening) and \$0.001341 per MOU (night/week-end)), is hereby replaced with the Unitary Rate.

(D) New York: The UNRCC (which immediately prior to the Effective Date was \$0.001482 per MOU) is hereby replaced with the Unitary Rate.

(E) Rhode Island: The reciprocal compensation charge from PUC Tariff 18 Part M Sec. 2.6.3 (which immediately prior to the Effective Date was \$0.00187 per MOU) is hereby replaced with the Unitary Rate.

(F) Vermont: The charge for Local Inter-Entity Calls "Shared Transport End-to-End, where call terminates to Telephone Company switch," from Verizon SGAT Sec. 4.7.3.1(A) (which immediately prior to the Effective Date was \$0.004290 per MOU), is hereby replaced with the Unitary Rate.

(ii) Verizon, former Bell Atlantic South States (and the District of Columbia).

(A) Delaware: The charge for terminating switching, which includes an End Office trunk port charge (which immediately prior to the Effective Date was \$0.00133 per MOU in the aggregate) is hereby replaced with the Unitary Rate.

(B) District of Columbia: The charge for terminating switching, which includes an End Office trunk port charge (which immediately prior to the Effective Date was \$0.00300 per MOU in the aggregate) is hereby replaced with the Unitary Rate.

(C) Maryland: The charges for terminating switching and End Office trunk ports (which immediately prior to the Effective Date were \$0.00109 per MOU and \$0.000583 per MOU, for a total of \$0.00167 per MOU) are hereby replaced with the Unitary Rate.

(D) New Jersey: The charge for terminating switching, which includes an End Office trunk port charge (which immediately prior to the Effective Date was \$0.001364 per MOU in the aggregate) is hereby replaced with the Unitary Rate.

(E) Pennsylvania: The charge for terminating switching, which includes an End Office trunk port charge (which immediately prior to the Effective Date was \$0.001615 per MOU in the aggregate) is hereby replaced with the Unitary Rate.

(F) West Virginia: The charge for terminating switching, which includes an End Office trunk port charge (which immediately prior to the Effective Date was

\$0.002505 per MOU in the aggregate) is hereby replaced with the Unitary Rate.

(G) Virginia: No adjustment based on newly ordered flat rate structure, pending implementation and retroactive true-up of such structure in lieu of prior rate structure.

(iii) Verizon, former GTE States: Any charge for terminating switching (and any End Office trunk port charge, if applicable) is hereby replaced with the Unitary Rate.

(b) Notwithstanding any other provision of the Interconnection Agreements, this Amendment, an applicable tariff or SGAT, any applicable call flow diagrams, or otherwise, neither Party shall be entitled to collect from the other Party any intercarrier compensation charges (i.e., reciprocal compensation, the Unitary Rate, or UCRCC/UNRCC charges) in connection with the exchange of Local Traffic or ISP-Bound Traffic that is both originated by and terminated to AT&T End Users, if one or both of the AT&T End Users are served over AT&T UNE-P lines. To the extent Verizon or AT&T is unable to uniquely identify the foregoing traffic, the Parties shall implement this provision via a periodic "true-up."

(c) Notwithstanding any other provision of the Interconnection Agreements, this Amendment, an applicable tariff or SGAT, any applicable call flow diagrams, or otherwise, neither Party shall be entitled to collect from the other Party any intercarrier compensation charges (i.e., reciprocal compensation, the Unitary Rate or UCRCC/UNRCC charges), nor shall Verizon be entitled to collect from AT&T any terminating UNE switching charges or End Office trunk port charges, in connection with the exchange of Local Traffic or ISP-Bound Traffic that is originated by Verizon End Users or the End Users of Verizon resellers and terminated to AT&T UNE-P lines.

## 5. VOIP Traffic.

(a) In accordance with and to the extent required by the FCC's Order, *In the Matter of Petition for Declaratory Ruling that AT&T's Phone-to-Phone IP Telephony Services are Exempt from Access Charges*, FCC 04-97, WC Docket No. 02-361 (released April 21, 2004) ("AT&T VOIP Order"), any VOIP Traffic exchanged between the Parties that is subject to such AT&T VOIP Order ("Phone-to-Phone VOIP Traffic") shall pursuant to such Order be billed to the responsible Party at the applicable interstate switched access rates as set forth in the Parties' relevant tariffs (including, for the avoidance of any doubt, with respect to both usage and applicable facilities). Should the treatment of traffic subject to the AT&T VOIP Order be modified by the FCC, by a court, or by other applicable federal law, such order or law shall be applied prospectively from the effective date of such order or law to the extent such order or law addresses Phone-to-Phone VOIP Traffic, and each Party reserves all rights to argue for or against retroactive application of that order or law.

(b) Except as provided in subsection (a) above with respect to Phone-to-Phone VOIP Traffic, the Parties do not agree on whether (and, if so, what) compensation is due in connection

with the exchange of VOIP Traffic. Accordingly, until such time as the FCC issues an effective order deciding whether reciprocal compensation, access or some other amount (or regime) constitutes the appropriate compensation due in connection with the exchange of VOIP Traffic (the "FCC VOIP Order"), each Party shall, with respect to VOIP Traffic other than Phone-to-Phone VOIP Traffic (which is addressed in subsection (a) above): (i) track and identify to the other Party sufficient information relating to its VOIP Traffic that is terminated to the other Party to enable the terminating Party to rate such traffic, (ii) conspicuously identify any charges it seeks to impose upon the other Party for termination of VOIP Traffic identified by the other Party to the extent such charges are in excess of the Unitary Rate, and (iii) upon receipt of an invoice from the other Party for charges arising from its termination of such VOIP Traffic, pay an amount no less than the amount that would be due if the Unitary Rate were applied to such VOIP Traffic. Without any probative value as to the merits of either Party's position with respect to the appropriate compensation due on VOIP Traffic, the billed Party may dispute (and withhold payment of) any access or intercarrier compensation charges billed by the other Party on such VOIP Traffic in excess of the Unitary Rate. In addition, the billing Party may accept payment of the lower amount without waiving any claims it may have that a higher amount is due, and the Party delivering such traffic shall be deemed to have taken all steps required in order to preserve any right it may have to not pay a higher amount. Upon the effectiveness of the FCC VOIP Order, such FCC VOIP Order shall be applied prospectively from the effective date of the FCC VOIP Order, and each Party reserves all rights to argue for or against retroactive application of that ruling. In the event the FCC rules that access charges do not apply to such traffic, such traffic shall continue to be subject to the Unitary Rate pursuant to this Amendment.

**6. Other Traffic.**

Notwithstanding any other provision in the Interconnection Agreements, this Amendment, an applicable tariff or SGAT, or otherwise:

(a) AT&T shall not knowingly deliver to Verizon Local Traffic or ISP-Bound Traffic that originates with a third Telecommunications Carrier, except (i) in exchanges where such Telecommunications Carrier uses AT&T as the sole means of both terminating Local Traffic and ISP-Bound Traffic to Verizon's network and receiving Local Traffic and ISP-Bound Traffic originating on the Verizon network, (ii) where the Parties exchange Local Traffic and ISP-Bound Traffic with such Telecommunications Carrier for purposes of overflow or redundancy, (iii) if AT&T pays Verizon the same amount that such third Telecommunications Carrier would have paid Verizon for that traffic at the location the traffic is delivered to Verizon by AT&T, not to exceed the applicable Tandem or End Office reciprocal compensation charges for such jurisdiction, or (iv) as may be subsequently agreed to in writing by the Parties.

(b) Local Traffic or ISP-Bound Traffic that originates with a third Telecommunications Carrier and is handed off by AT&T to Verizon pursuant to Section 6(a) above, as well as Local Traffic or ISP-Bound Traffic that Verizon hands off to AT&T for delivery to a third Telecommunications Carrier, in each case other than such traffic that is not

routed through such Telecommunications Carrier's own switch, shall not be included in the calculation of the Aggregated Traffic Ratio in Section 3(a) above.

(c) Notwithstanding the foregoing provisions of Section 6(a), Verizon, in its sole discretion, may elect to deliver Local Traffic or ISP-Bound Traffic originating on its network directly to any third Telecommunications Carrier that is also exchanging such traffic with Verizon through AT&T's network, provided it has made appropriate arrangements with such third Telecommunications Carrier. In the event Verizon elects to do so, AT&T will be deemed to have satisfied the conditions under Section 6(a)(i) above with respect to such direct-trunked traffic.

(d) In determining whether traffic of a third Telecommunications Carrier exchanged with Verizon under Sections 6(a)(i) and 6(a)(iii) above is Local Traffic/ISP-Bound Traffic or, alternatively, interexchange/toll traffic, the terms and conditions of the applicable interconnection agreement (if any) in effect between such third Telecommunications Carrier and Verizon shall control. By way of example, if such an interconnection agreement provides that V/FX Traffic is subject to switched exchange access charges, it shall continue to be subject to such charges even if exchanged with Verizon through AT&T. Verizon will disclose any such interconnection agreement provisions to AT&T upon request.

(e) AT&T may not charge Verizon any fees for transiting Local Traffic or ISP-Bound Traffic from Verizon to a third Telecommunications Carrier pursuant to Section 6(a)(i) or (ii) above other than the Unitary Rate. AT&T may not charge Verizon any fees for transiting Local Traffic or ISP-Bound Traffic from Verizon to a third Telecommunications Carriers pursuant to Section 6(a)(iii) above other than the same amount that such third carrier would have charged Verizon for that traffic.

#### **7. Identification and Routing of Calls.**

The Parties shall comply with all terms and provisions set forth in the Interconnection Agreements relating to routing and transmission of call record information, as well as with all applicable laws and regulations relating to each Party's routing and identification of its domestic voice traffic, including all FCC rules governing calling party number ("CPN") information and SS7 signaling information. Where call records do not provide an accurate basis for jurisdictionalization of traffic for intercarrier compensation purposes, the Parties shall use other appropriate methods to be agreed upon.

#### **8. Interconnection Architecture.**

Notwithstanding any other provision in the Interconnection Agreements, this Amendment, an applicable tariff or SGAT, or otherwise, this Section sets forth the Parties' respective rights and obligations regarding interconnection architecture during the Amendment Term.



(a) Traffic To Which The Interconnection Architecture Applies.

The network interconnection architecture arrangements set forth in this Amendment apply to interconnection facilities used by the Parties to exchange Local Traffic and ISP-Bound Traffic. They also apply to interconnection facilities used by the Parties to exchange translated LEC IntraLATA toll free service access code (e.g., 800/888/877) traffic, IntraLATA Toll traffic, tandem transit traffic, V/FX Traffic that is not ISP-Bound Traffic, and VOIP Traffic, subject, however, to the applicable terms, if any, set forth in the Interconnection Agreements or applicable tariffs (if any) relating to compensation for facilities, as modified by this Amendment.

Traffic subject to the Unitary Rate under this Amendment (including VOIP Traffic subject to Section 5(b)) may be routed by either Party in the same manner as required for Local Traffic pursuant to the applicable Interconnection Agreements (as modified pursuant to this Section); provided, however, that use of such arrangements for VOIP Traffic may not be cited by or used against either Party to support either Party's position concerning the applicability of access charges or separate trunking requirements for VOIP Traffic. To the extent (i) the pricing for interconnection facilities may differ depending on the extent to which such facilities are used for Local Traffic or for "toll," "access" or "non-reciprocal compensation" traffic, and (ii) such interconnection facilities are used for the exchange of VOIP traffic (other than traffic subject to the AT&T VOIP Order), until such time (if any) as the FCC determines that access charges apply to such traffic, the Parties shall treat such traffic as Local Traffic, in accordance with the terms of the applicable Interconnection Agreement(s) (as modified pursuant to this Section), for purposes of determining billing and payment for such facilities, but in doing so the billing Party shall not be deemed to have waived any claims it may have for application of a higher transport rate should the FCC rule that access charges apply to such traffic. In the event the FCC rules that access charges apply to such VOIP traffic, such traffic will be treated as "access traffic" for purposes of determining billing and payment for such facilities.

(b) Terms for Grandfathering of Existing Interconnection Architecture.

(i) Subject to the terms of this Amendment, the Parties shall "grandfather" their carrier-specific point of interconnection ("POI") architecture existing as of the Effective Date in any LATA where any of the AT&T Parties is interconnected, as of the Effective Date, with Verizon on a direct or indirect (i.e., through another local exchange carrier) basis. As such, in those LATAs in which the Parties are interconnected as of the Effective Date, Verizon shall deliver traffic to AT&T switch(es) in such LATAs where Verizon has an obligation to do so pursuant to the terms of the applicable Interconnection Agreements; and AT&T shall deliver traffic to Verizon Tandems and End Offices in such LATAs where AT&T has an obligation to do so pursuant to the terms of the applicable Interconnection Agreements.

(ii) AT&T shall establish direct end office trunks between any AT&T End Office and any Verizon End Office when traffic between such End Offices reaches 1215 busy hour centium call seconds ("BHCCS") in any two (2) consecutive months (or in any three (3) of six (6) consecutive months). Notwithstanding any other provision of the Interconnection

Agreements, this Amendment, an applicable tariff or SGAT, or otherwise, AT&T shall be financially responsible for any transport facilities associated with such direct end office trunking to the Verizon End Office for traffic originating on AT&T's network.

(iii) For the avoidance of any doubt, the term "transport" as used in this Amendment includes transport facilities, as well as any multiplexing and entrance facilities, to the extent applicable.

(iv) In addition to any other interconnection methods set forth in the applicable Interconnection Agreements, both Parties may meet the foregoing interconnection obligations through purchasing transport from the other Party or a third party, or through self-provisioning. AT&T may self-provision via collocation at the applicable Verizon Wire Center (or via collocation at another Verizon Wire Center in the applicable LATA and the purchase of transport from such Verizon Wire Center (at which AT&T collocates) to the applicable Wire Center), subject to the collocation terms of the applicable Interconnection Agreement or Verizon tariff; and Verizon may do so via an arrangement in which Verizon places its equipment in an AT&T Wire Center, and AT&T provides space and power. For such self-provisioning arrangements that Verizon establishes on or after the Effective Date at an AT&T premise, AT&T shall provide the arrangements at rates no less favorable (taken as a whole) than Verizon collocation rates, and under terms and conditions subject to negotiation and mutual agreement by the Parties. (For avoidance of doubt, AT&T's collocation rates need not be structured identically to Verizon's rates. For example, AT&T may assess fees for space and power on DS-1 or DS-3 increments rather than by square footage.) For such self-provisioning arrangements that Verizon established prior to the Effective Date at an AT&T premise, if the applicable Interconnection Agreement provides AT&T with the right to charge for such arrangements, and if AT&T was charging Verizon, as of the Effective Date, for such arrangements, Verizon will continue to have an obligation to pay those charges. Notwithstanding any other provision of the Interconnection Agreements, this Amendment, an applicable tariff or SGAT, or otherwise, Verizon shall not have an obligation to pay any charges associated with the use of AT&T space and power for any such pre-existing arrangements for which AT&T was not charging Verizon as of the Effective Date.

(v) Where an AT&T switch is outside the originating Verizon Tandem serving area, and where Verizon is purchasing transport from AT&T, then AT&T shall charge Verizon transport mileage charges that are calculated using the lesser of the actual airline mileage for the transport Verizon purchases from AT&T or 10 miles. Where an AT&T switch is within the originating Verizon Tandem service area, and where Verizon is purchasing transport from AT&T, AT&T may charge Verizon transport mileage charges calculated using the actual airline mileage for the transport Verizon purchases from AT&T. Subject to the foregoing, in those jurisdictions where Verizon is providing interconnection transport to AT&T, AT&T shall charge Verizon a transport rate that is no higher than the lower of (A) the transport rate that Verizon charges AT&T in such jurisdictions, subject to application of the available Verizon volume and term pricing requirements as provided below in subsection (vii) (and, for the avoidance of any doubt, Verizon's own volumes of transport obtained from AT&T shall be applied in determining

whether Verizon qualifies for any volume and term pricing requirements), and (B) the rate that would be available to Verizon pursuant to the applicable AT&T tariff that corresponds to the tariff providing the basis (i.e., intrastate or interstate special access) for Verizon's rates without regard to this Amendment, subject to application of the available volume and term pricing requirements available under the AT&T tariff as provided below in subsection (vii) based on Verizon's volumes of transport obtained from AT&T. Under each of subsections (A) and (B) above, where Verizon uses Percent Interstate Usage ("PIU") and Percent Local Usage ("PLU") factors for purposes of Verizon's billing of transport to AT&T pursuant to the Interconnection Agreement, AT&T shall apply to such billing of Verizon the same PIU and PLU factors, where applicable, that AT&T provides to Verizon, which factors may be calculated by AT&T on a total volume-weighted statewide or LATA-wide basis as agreed upon by the Parties.

(vi) In those jurisdictions where Verizon is not providing interconnection transport to AT&T, the transport amount that AT&T shall charge to Verizon for purposes of this Section shall be an amount no higher than the Verizon interstate access rates for the applicable jurisdiction, subject to the volume and terms pricing requirements as provided below. At such time that Verizon provides interconnection transport to AT&T in such a jurisdiction, then the terms of the immediately preceding subsection shall apply.

(vii) In all cases described above, each Party shall make available to the other Party any applicable volume and term pricing (subject to the other Party meeting the requirements of the volume and term plan).

(viii) Notwithstanding any other provision of the Interconnection Agreements, this Amendment, an applicable tariff or SGAT, or otherwise, AT&T shall reflect the charges for interconnection transport set forth in this Amendment beginning in its January 2005 invoices to Verizon.

(c) FCC Interconnection Architecture Rules.

If, prior to the expiration of the Amendment Term, the FCC issues an order, modifying the network interconnection rules, in its Unified Intercarrier Compensation Regime proceeding (CC Docket 01-92), upon a Party's written request, the Parties shall, on a market by market basis, discuss in good faith how, if at all, they wish to conform the existing network interconnection architecture to the newly adopted FCC rules. For the avoidance of any doubt, implementation of such new rules taking effect prior to the expiration of the Amendment Term would be subject to the mutual, written agreement of the Parties, and implementation of such new rules to take effect after December 31, 2006 would be subject to the provisions of any Interconnection Agreement related to modifying an Interconnection Agreement for a change of law.

(d) New Interconnection Architecture Provisions.

(i) The terms set forth above in this Section shall apply to any of the AT&T

Parties in any LATA where any of the AT&T Parties is interconnected, as of the Effective Date, with Verizon on a direct or indirect (i.e., through another local exchange carrier) basis. If none of the AT&T Parties is interconnected either directly or indirectly with Verizon in a LATA, the implementation of any interconnection by either Party shall be pursuant to the mutual POI terms and conditions set forth below. Appendix A sets forth those LATAs where AT&T and Verizon are not interconnected as of the Effective Date and for which the mutual POI terms set forth below shall apply, if interconnection is implemented between the Parties in those LATAs.

(ii) AT&T shall establish at least one (1) mutual POI (i.e., a technically feasible point on Verizon's network at which each Party delivers its originating traffic to the other Party) in each of the Verizon Tandem serving areas in each LATA in which either of the Parties wishes to exchange (but is not exchanging as of the Effective Date) traffic.

(iii) Except for LATAs 132 (in New York) and 224 (in New Jersey), the default mutual POI location(s) shall be (A) at each local Tandem location where Verizon houses separate local and access Tandems in the same Wire Center; and (B) at each Verizon local Tandem location, including those combination Tandems that provide both local and access functionality, provided that the number of mutual POIs established at local-only Tandem locations (i.e., there is no combination access functionality or separate access Tandem in the same Wire Center) does not exceed the number of Verizon access Tandems in the LATA. If the number of Verizon local-only Tandems in a LATA exceeds the number of Verizon access Tandems in a LATA, then Verizon may designate which local Tandem locations will be mutual POI locations; provided, however, AT&T shall provide separate trunk groups to those local Tandems at which a mutual POI has not been established by AT&T or direct End Office trunks for its originating traffic that is destined for a Verizon End Office that subtends a Verizon local Tandem at which a mutual POI has not been established by AT&T. For LATAs 132 and 224 (to the extent they are not grandfathered pursuant to Section 8(b) above), the default mutual POI location(s) shall be each Verizon local Tandem location irrespective of the number or location of Verizon access Tandems.

(iv) In any LATA in which there are fewer than two (2) Verizon local Tandems, in addition to the mutual POI at the Verizon Tandem Wire Center(s) as described above, AT&T shall establish additional mutual POIs at a Verizon End Office Wire Center when total traffic exchanged between any AT&T End Office and such Verizon End Office reaches 1215 BHCCS in any two (2) consecutive months (or in any three (3) of six (6) consecutive months), unless otherwise mutually agreed to in writing by the Parties. AT&T shall establish direct End Office trunks to such Verizon End Office when total traffic exchanged between any AT&T End Office and that End Office reaches 1215 BHCCS in any two (2) consecutive months (or in any three (3) of six (6) consecutive months). AT&T may meet the direct end office trunking obligation through purchasing transport from Verizon or a third party, or through self-provisioning via collocation.

(v) Where the Verizon End Office subtends a third party carrier Tandem, then

subject to the following condition, each Party shall have the right to interconnect via transiting the third party Tandem for traffic originated by such Party. If the total volume of traffic exchanged between a certain AT&T switch and a certain Verizon End Office reaches 1215 BHCCS in any two (2) consecutive months (or in any three (3) of six (6) consecutive months), AT&T shall establish direct End Office trunks between such locations. At its discretion, AT&T also may establish direct End Office trunks between such locations at a lower traffic volume threshold. The mutual POI will be the existing meet point between Verizon and the Tandem transit provider.

(vi) Where a Verizon switch and an AT&T facility have a common location as set forth in Appendix B to this Amendment, the Parties may effect interconnection for their originating traffic where an applicable Interconnection Agreement specifies use of one way trunks, and for both Parties' respective traffic where an applicable Interconnection Agreement specifies use of two way trunks, via direct intrabuilding cable connection pursuant to rates, terms, and conditions comparable to those set forth in the Parties' New York Interconnection Agreement as in effect on the Effective Date.

**9. Early Termination of Interconnection Agreement.**

Notwithstanding any other provision of the Interconnection Agreements, this Amendment, any applicable tariff or SGAT, or otherwise, the terms contained herein shall govern the relationship of the Parties with respect to the subject matter set forth herein, through December 31, 2006, and thereafter as well until such time as such terms are superseded by a subsequent Interconnection Agreement effective after December 31, 2006 or are modified pursuant to Section 10 of this Amendment, notwithstanding the fact that an Interconnection Agreement may expire or be terminated prior to that date. In case of the expiration or termination of an Interconnection Agreement prior to December 31, 2006, the terms contained herein shall continue to remain in effect through December 31, 2006 and thereafter until such time as such terms are superseded by a subsequent Interconnection Agreement effective after December 31, 2006, or are modified pursuant to Section 10 of this Amendment.

**10. Modification of Terms.**

Notwithstanding any other provision of the Interconnection Agreements, this Amendment, any applicable tariff or SGAT, or otherwise, upon thirty (30) days advance written notice, either Party may initiate a request, to take effect at any time after December 31, 2006, for an amendment to the Interconnection Agreement(s) to reflect a change of law, or may request inclusion of new or different terms as part of the negotiation or arbitration of a new interconnection agreement, or may request an amendment to an existing agreement providing new or different terms governing intercarrier compensation and network interconnection architecture, provided that neither Party shall be obligated to agree to any such request, and in the event the Parties are unable to agree upon different terms or an amendment to an existing Interconnection Agreement, either Party may seek to have the issue arbitrated pursuant to applicable procedures governing the

Interconnection Agreement.

## Appendix A

### LATAs Where Verizon and AT&T Are Not Interconnected As of the Effective Date

Hawaii - LATA 834

Mattoon, IL - LATA 976

Macomb, IL - LATA 977

Louisville, IN - LATA 462

Richmond, IN - LATA 937

Reno, NV - LATA 720

Lima-Mansfield, OH - LATA 923

Blue Field, VA - 932

## Appendix B

### 3D Condo and Shared Network Facility Arrangements ("SNFA") Established Between the Parties as of the Effective Date

#### VERIZON 3D CONDO SITES - 28 locations

##### Mid-Atlantic

1. 30 E Street, S.W., Washington, D.C.
2. 8670 Georgia Avenue, Silver Spring, MD
3. 323 N. Charles Street, Baltimore, MD
4. 65/75 W. Passaic Street, Rochelle Park, NJ
5. 175 W. Main Street, Freehold, NJ
6. 88 Horsehill Road, Cedar Knolls, NJ
7. 1300 Whitehorse Pike, Hamilton SQ, NJ
8. 95 William Street, Newark, NJ
9. 12 N. 7th Street, Camden, NJ
10. 2510 Turner Road, Richmond, VA
11. 900 Walter Reed Drive, Arlington, VA
12. 120-136 W. Bute Street, Norfolk, VA
13. 816 Lee Street, Charleston WV
14. 703 E. Grace Street, Richmond, VA
15. 225 Franklin Street, Roanoke, VA
16. 210 Pine Street, Harrisburg, PA

##### New England

1. 250 Bent Street, Cambridge, MA
2. 351 Bridge Street, Springfield, MA
3. 425 Canal Street, Lawrence, MA
4. 45-55 Forest Street, Portland, ME
5. 25 Concord Street, Manchester, NH
6. One Greene Street, Providence, RI
7. 29 Gates Street, White River Junction, VT

##### New York

1. 33 Thomas Street, New York, NY
2. 158 State Street, Albany, NY
3. 62-64 Henry Street, Binghamton, NY



- 4. 65 Franklin Street, Buffalo, NY
- 5. 201 S. State Street, Syracuse, NY

<b>VERIZON SNFA SITES - 11 locations</b>	
<b>City/State</b>	<b>Street Address</b>
<b>Verizon SNFA Billed to AT&amp;T</b>	
1. Wheeling, WV	1501-1515 Chapline St.
2. Lynchburg, VA	706 Church St.
3. Staunton, VA	115 Fillmore St.
4. Harrisburg, PA	210 Pine St.
5. Williamsport, PA	404 West Fourth St.
6. Garden City, NY	Address Not Available
<b>Verizon SNFA Paid to AT&amp;T</b>	
7. Fredericksburg, VA	State Road 654
8. Newark, NJ	95 William St.
9. Worcester, MA	175 Main St.
10. Highland, NY	Top of Illinois Mountain
11. White Plains, NY	360 Hamilton Ave - D-Bldg.