

Bruce A. Nev Assistant Vice President-Senior Legal Counsel

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February 18, 2022

Hon. Morris Woodruff Secretary and Chief Regulatory Law Judge Missouri Public Service Commission 200 Madison Street, P.O. Box 360 Jefferson City, Missouri 65102-0360

Re: Amendment to Interconnection Agreement between Southwestern Bell Telephone Company d/b/a AT&T Missouri and Comcast Phone of Missouri, LLC d/b/a Comcast Digital Phone, adopting previously approved amendments.

Dear Judge Woodruff,

AT&T Missouri hereby advises the Commission, pursuant to 20 CSR 4240-28.013(2)(B), that AT&T Missouri and Comcast Phone of Missouri, LLC d/b/a Comcast Digital Phone have entered into an Amendment to their current Interconnection Agreement that adopts amendments previously approved by the Commission.

The Amendment with the signature page, submitted with this letter, has incorporated terms and conditions substantially the same as those in the following previously approved interconnection agreement amendments:

<u>Subject</u>	MoPSC Case/Tracking No.
FCC UNE and Resale Forbearance Orders	IK-2020-0164
FCC UNE Relief Order	IK-2021-0379

By signing this form, I hereby certify that neither I, nor any other members of this filing party, AT&T Missouri, has had communications with a Commissioner, Commissioner Advisor, Regulatory Law Judge, member of the General Counsel or any member of their support team in the sixty (60) days prior to the filing date of this application regarding any substantive issue included in this filing. If any communication of this sort has occurred in the previous sixty (60) day period, I further certify this application was held until sixty (60) days have passed form the date of the subject communication, or we have requested a waiver for good cause allowed by Commission Rule 20 CSR 4240-4.017(1)(D).

AT&T Missouri respectfully requests the Commission's acceptance of this filing and its expeditious approval of the parties' amendment to their Interconnection Agreement.

As always, if you have any questions, please do not hesitate to contact me.

Sincerely,

Ban A. L.

Bruce A. Ney

CC: Beth O'Donnell (via email beth\_o'donell@comcast.com)

## AMENDMENT

## BETWEEN

BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, AT&T MISSISSIPPI, AT&T SOUTH CAROLINA AND AT&T TENNESSEE, ILLINOIS BELL TELEPHONE COMPANY, LLC D/B/A AT&T ILLINOIS, INDIANA BELL TELEPHONE COMPANY INCORPORATED D/B/A AT&T INDIANA, MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO, PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

AND

COMCAST PHONE OF ALABAMA, LLC, COMCAST PHONE OF ARKANSAS, LLC D/B/A COMCAST DIGITAL PHONE, COMCAST PHONE OF CALIFORNIA, LLC D/B/A COMCAST DIGITAL PHONE D/B/A COMCAST DIGITAL PHONE, COMCAST PHONE OF CENTRAL INDIANA, LLC, COMCAST PHONE OF FLORIDA, LLC D/B/A COMCAST DIGITAL PHONE D/B/A COMCAST DIGITAL PHONE. COMCAST PHONE OF GEORGIA, LLC D/B/A COMCAST DIGITAL PHONE D/B/A COMCAST DIGITAL PHONE, COMCAST PHONE OF ILLINOIS, LLC D/B/A COMCAST DIGITAL PHONE, COMCAST PHONE OF KANSAS, LLC, COMCAST PHONE OF KENTUCKY, LLC D/B/A COMCAST DIGITAL PHONE D/B/A COMCAST DIGITAL PHONE, COMCAST PHONE OF LOUISIANA, LLC, COMCAST PHONE OF MICHIGAN, LLC, COMCAST PHONE OF MISSISSIPPI, LLC, COMCAST PHONE OF MISSOURI, LLC D/ B/A COMCAST DIGITAL PHONE D/B/A COMCAST DIGITAL PHONE, COMCAST PHONE OF OHIO, LLC D/B/A COMCAST DIGITAL PHONE D/ **B/A COMCAST DIGITAL PHONE, COMCAST PHONE OF SOUTH** CAROLINA, INC., COMCAST PHONE OF TENNESSEE, LLC D/B/A COMCAST DIGITAL PHONE D/B/A COMCAST DIGITAL PHONE, COMCAST PHONE OF TEXAS, LLC, COMCAST PHONE OF WISCONSIN, LLC D/B/A COMCAST DIGITAL PHONE D/B/A COMCAST **DIGITAL PHONE** 

—DocuSigned by: Leslie Fein
Signature:
Name: Leslie Fein (Print or Type)
Title: SUP, Procorement (Print or Type)
Date: October 29, 2021

Comcast Phone of Alabama, LLC, Comcast Phone of Arkansas, LLC d/b/a Comcast Digital Phone, Comcast Phone of California, LLC d/b/a Comcast Digital Phone d/b/a Comcast Digital Phone, Comcast Phone of Central Indiana, LLC, Comcast Phone of Florida, LLC d/b/a Comcast Digital Phone d/b/a Comcast Digital Phone, Comcast Phone of Georgia, LLC d/b/a Comcast Digital Phone d/b/a Comcast Digital Phone, Comcast Phone of Illinois, LLC d/b/a Comcast Digital Phone, Comcast Phone of Kansas, LLC, Comcast Phone of Kentucky, LLC d/b/a Comcast Digital Phone d/b/a Comcast Digital Phone. Comcast Phone of Louisiana. LLC, Comcast Phone of Michigan, LLC, Comcast Phone of Mississippi, LLC, Comcast Phone of Missouri, LLC d/b/a Comcast Digital Phone d/b/a Comcast Digital Phone, Comcast Phone of Ohio. LLC d/b/a Comcast Digital Phone d/b/a Comcast Digital Phone, Comcast Phone of South Carolina. Inc., Comcast Phone of Tennessee, LLC d/b/a Comcast Digital Phone d/ b/a Comcast Digital Phone, Comcast Phone of Texas, LLC, Comcast Phone of Wisconsin, LLC d/b/a Comcast Digital Phone d/b/a Comcast Digital Phone

Contract Id: 234051
Signature Page/AT&T-21STATE
Page 3 of 4
COMCAST PHONE
Version: 4Q15-10/20/15

Signature: _	eSigned - Kristen E. Shore	
Name:	eSigned - Kristen E. Shore (Print or Type)	
	(Print of Type)	
Title:	AVP-Regulatory	
	(Print or Type)	
Date:	November 19, 2021	

BellSouth Telecommunications, LLC d/b/a AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, AT&T MISSISSIPPI, AT&T SOUTH CAROLINA and AT&T TENNESSEE, Illinois Bell Telephone Company, LLC d/b/a AT&T Indiana Bell Telephone Company ILLINOIS. Incorporated d/b/a AT&T INDIANA, Michigan Bell Telephone Company d/b/a AT&T MICHIGAN, The Ohio Bell Telephone Company d/b/a AT&T OHIO, Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA, Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI and AT&T TEXAS, Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN by AT&T Services, Inc., its authorized agent

State	Resale OCN	ULEC OCN	CLEC OCN
ALABAMA			363D
ARKANSAS			502D
CALIFORNIA			7610
FLORIDA			7562
GEORGIA			7170
ILLINOIS			7607
INDIANA			930B
KANSAS			441D
KENTUCKY			364D

LOUISIANA	 	088E
MICHIGAN	 	8935
MISSISSIPPI	 	089E
MISSOURI	 	469D
OHIO	 	8070
SOUTH CAROLINA	 	4730
TENNESSEE	 	408D
TEXAS	 	8625
WISCONSIN	 	503D

Description	ACNA Code(s)
ACNA(s)	BPH,COJ,JCV

## AMENDMENT TO THE AGREEMENT BETWEEN

COMCAST PHONE OF ALABAMA, LLC; COMCAST PHONE OF ARKANSAS, LLC DBA COMCAST DIGITAL PHONE; COMCAST PHONE OF CALIFORNIA DBA COMCAST DIGITAL PHONE; COMCAST PHONE OF FLORIDA, LLC DBA COMCAST DIGITAL PHONE; COMCAST PHONE OF GEORGIA, LLC DBA COMCAST DIGITAL PHONE; COMCAST PHONE OF ILLINOIS LLC DBA COMCAST DIGITAL PHONE; COMCAST PHONE OF CENTRAL INDIANA, LLC; COMCAST PHONE OF KANSAS, LLC; COMCAST PHONE OF KENTUCKY, LLC DBA COMCAST DIGITAL PHONE; COMCAST PHONE OF LOUISIANA, LLC; COMCAST PHONE OF MICHIGAN, LLC COMCAST PHONE OF MISSOURI, LLC DBA COMCAST DIGITAL PHONE; COMCAST PHONE OF MISSISSIPPI, LLC; COMCAST PHONE OF OHIO, LLC DBA COMCAST DIGITAL PHONE; COMCAST PHONE OF SOUTH CAROLINA, INC.; COMCAST PHONE OF TENNESSEE, LLC DBA COMCAST DIGITAL PHONE; COMCAST PHONE OF TEXAS, LLC; COMCAST PHONE OF WISCONSIN, LLC DBA COMCAST DIGITAL PHONE

AND

BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, AT&T MISSISSIPPI, AT&T SOUTH CAROLINA AND AT&T TENNESSEE, ILLINOIS BELL TELEPHONE COMPANY, LLC D/B/A AT&T ILLINOIS, INDIANA BELL TELEPHONE COMPANY INCORPORATED D/B/A AT&T INDIANA, MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO, PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

This Amendment (the "Amendment") amends the Agreements by and between "AT&T" and Comcast as shown in the attached Exhibit B. AT&T and Comcast are hereinafter referred to collectively as the "Parties" and individually as a "Party".

WHEREAS, AT&T and Comcast are parties to Agreements under Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act"), approved as shown in the attached Exhibit B and as subsequently amended (the "Agreements"); and

**WHEREAS**, the Parties have changed the name under which it is doing business for certain states and wish to reflect that name as the contracting entity in the underlying Agreement(s) as set forth herein.

WHEREAS, the Parties desire to amend the Agreement to implement the FCC Order FCC-20-152 in WC Dkt. No. 19-308; Modernizing Unbundling and Resale Requirements in an Era of Next-Generation Networks and Services which was filed with the FCC on January 8, 2021 ("FCC UNE Relief Order"); and

**NOW**, **THEREFORE**, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

- 1. The Amendment is composed of the foregoing recitals, exhibits and the terms and conditions contained herein, all of which are hereby incorporated by this reference and constitute a part of this Amendment.
- 2. The Agreement(s) is hereby amended to reflect the name as shown in the attached Exhibit B for both Parties.
- 3. AT&T may reflect the Comcast name from the attached Exhibit B only for the main billing account (header card) for each of the accounts previously billed to Comcast. AT&T shall not be obligated, whether under this Amendment or otherwise, to make any other changes to AT&T's records with respect to those accounts, including to the services and items provided and/or billed thereunder or under the Agreement(s). Without limiting the foregoing, Comcast affirms, represents, and

warrants that the ACNA and OCN for those accounts shall not change from that previously used by Comcast with AT&T for those accounts and the services and items provided and/or billed thereunder or under the Agreement.

- 4. As of February 8, 2023, Comcast may no longer order new Digital UNE Loops ("Digital Loops") pursuant to this Agreement in Wire Centers where at least 50% of the census blocks served are designated as urbanized areas by the United States Census Bureau. For avoidance of doubt, a 4-wire HDSL 1.544mbps is not a DS0 Digital Loop and is not offered under this Section 4. Any existing Digital Loops ordered on or before February 8, 2023 ("Digital Loop Embedded Base") are grandfathered until February 8, 2025 pursuant to rates, terms and conditions of the Agreement. Comcast shall convert the Digital Loop Embedded Base to a commercial offering, or an alternate arrangement, or disconnect such Digital Loop on or before February 8, 2025. Exhibit A to this Amendment contains Digital Loop element descriptions and USOCs that are subject to the FCC UNE Relief Order; however, this Agreement may also contain additional and/or older element descriptions and USOCs that are also Digital Loops subject to the FCC UNE Relief Order.
  - a. To the extent Comcast fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining Digital Loops and Comcast will be responsible for all recurring and non-recurring charges:
    - i. convert to a digital arrangement available under a separate commercial agreement executed by the Parties, or
    - ii. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
    - iii. reprice by application of a new rate (or by application of a surcharge to an existing rate); or
    - iv. disconnect.
  - b. AT&T reserves the right to backbill Comcast for the difference between the Digital Loop rate and the non-UNE rate that applies under Section 4(a) for any new Digital Loops inadvertently ordered or after February 8, 2023, and any Digital Loop Embedded Base remaining as of February 8, 2025.
  - c. AT&T's election to reprice the Digital Loop shall not preclude AT&T from later converting the Digital Loop to a Digital arrangement available under a separate commercial agreement or an AT&T tariff or guidebook service.
  - d. AT&T reserves the right to raise its rates by up to 25% as of February 08, 2024 and may elect to increase rates to market rates after February 08, 2025, when the grandfathering period expires. AT&T shall provide Notice to CLEC of how the Parties will implement the subsequent rate changes.
- 5. As of February 8, 2023, Comcast may no longer order new DS1 UNE Loops ("DS1 Loops") pursuant to this Agreement in Wire Centers in counties deemed to be competitive in the BDS proceeding as listed in the AT&T Guidebook, which may change from time to time. Any existing DS1 Loops ordered on or before February 8, 2023 ("DS1 Loop Embedded Base") are grandfathered until July 8, 2024 pursuant to the rates, terms and conditions of the Agreement. Comcast shall convert the DS1 Loop Embedded Base to an alternate arrangement, or disconnect such DS1 Loop on or before July 8, 2024. Exhibit A to this Amendment contains DS1 Loop element descriptions and USOCs that are subject to the FCC UNE Relief Order; however, this Agreement may also contain additional and/or older element descriptions and USOCs that are also DS1 Loops subject to the FCC UNE Forbearance Order.
  - a. To the extent Comcast fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining DS1 Loops and Comcast will be responsible for all recurring and non-recurring charges:
    - i. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
    - ii. following advance notice to Comcast, reprice by application of a new rate (or by application of a surcharge to an existing rate); or
    - iii. following advance notice to Comcast, disconnect.
  - b. AT&T reserves the right to backbill Comcast for the difference between the DS1 Loop rate and the non-UNE rate that applies under Section 5(a) for any new DS1 Loops inadvertently ordered on or after February 8, 2023, and any DS1 Loop Embedded Base remaining as of July 8, 2024.

- c. AT&T's election to reprice the DS1 Loop shall not preclude AT&T from later converting the DS1 Loop to a DS1 arrangement available under a separate AT&T Tariff or guidebook service.
- 6. As of February 8, 2021, Comcast may no longer order new DS3 UNE Loops ("DS3 Loops") pursuant to this Agreement in Wire Centers in counties deemed to be competitive in the BDS proceeding as listed in the AT&T Guidebook, which may change time to time. Any existing DS3 Loops ordered on or before February 8, 2021 ("DS3 Loop Embedded Base") are grandfathered until February 8, 2024 pursuant to the rates, terms and conditions of the Agreement. Comcast shall convert the DS3 Loop Embedded Base to an alternate arrangement, or disconnect such DS3 Loop on or before February 8, 2024. Exhibit A to this Amendment contains DS3 Loop element descriptions and USOCs that are subject to the FCC UNE Relief Order, however this Agreement may also contain additional and/or older element descriptions and USOCs that are also DS3 Loops subject to the FCC UNE Forbearance Order.
  - a. To the extent Comcast fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining DS3 Loops and Comcast will be responsible for all recurring and non-recurring charges:
    - i. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
    - ii. reprice by application of a new rate (or by application of a surcharge to an existing rate); or
    - iii. disconnect.
  - b. AT&T reserves the right to backbill Comcast for the difference between the DS3 Loop rate and the non-UNE rate that applies under Section 6(a) for any new DS3 Loops inadvertently ordered on or after February 8, 2021, and any DS3 Loop Embedded Base remaining as of February 8, 2024.
  - c. AT&T's election to reprice DS3 Loop shall not preclude AT&T from later converting the DS3 Loops to a DS3 arrangement available under a separate AT&T tariff or guidebook service.
- 7. As of February 8, 2021, Comcast may no longer order new UNE Dark Fiber Transport ("DFT") pursuant to this Agreement where the dark fiber transport is connected to a Tier 3 wire center located within ½ mile of competitive fiber as described in the FCC UNE Relief Order and designated by the FCC. Any existing UNE Dark Fiber Transport facility ordered before February 8, 2021 ("Dark Fiber Transport Embedded Base") is grandfathered until February 8, 2029 pursuant to the rates, terms and conditions of the Agreement. Comcast shall convert the UNE Dark Fiber Transport Embedded Base to an alternate arrangement, or disconnect such UNE Dark Fiber Transport on or before February 8, 2029. Exhibit A to this Amendment contains UNE Dark Fiber Transport element descriptions and USOCs that are subject to the FCC UNE Relief Order; however, this Agreement may also contain additional and/or older element descriptions and USOCs that are also UNE Dark Fiber Transport subject to the FCC UNE Relief Order. If the FCC determines that additional wire centers are subject to forbearance, Comcast shall cease ordering DFT as of the date specified by the FCC and adhere to any FCC-specified transition timelines.
  - a. To the extent Comcast fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining UNE Dark Fiber Transport and Comcast will be responsible for all recurring and non-recurring charges:
    - i. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
    - ii. reprice by application of a new rate (or by application of a surcharge to an existing rate); or
    - iii. disconnect.
  - b. AT&T reserves the right to backbill Comcast for the difference between an UNE Dark Fiber Transport rate and the non-UNE rate that applies under this Section 7(a) for any new UNE Dark Fiber Transport inadvertently ordered on or after February 8, 2021, and any UNE Dark Fiber Transport Embedded Base remaining as of February 8, 2029.
  - c. AT&T's election to reprice the UNE Dark Fiber Transport shall not preclude AT&T from later converting the UNE Dark Fiber Transport to a DFT arrangement available under a separate AT&T tariff or guidebook service.

- 8. As of February 8, 2021, Comcast may no longer order new UNE Subloops or UNE Network Interface Devices (NIDs) pursuant to this Agreement.
- 9. As of February 8, 2021, CLEC may no longer convert existing Special Access circuits (as defined, ordered, and provisioned in AT&T ILEC's interstate and/or intrastate tariffs) to UNEs.
- 10. If there are fifty (50) or more Unbundled Loops in its embedded customer base that it plans to migrate to an alternate product or service, Comcast shall provide a forecast of the total number and shall work with AT&T to establish mutually agreed to daily order volume parameters and make a reasonable effort to affect a timely and orderly migration by the end of the transition period.
- 11. Intentionally left blank.
- 12. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.
- 13. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
- 14. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
- 15. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterpart shall together constitute one and the same instrument.
- 16. For Alabama, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Michigan, Mississippi, Missouri, South Carolina, Tennessee, Texas: This Amendment shall be filed with and is subject to approval by the applicable state Commission and shall become effective ten (10) days following approval by such Commission. For Arkansas: This Amendment shall be filed with the Arkansas Public Service Commission and shall become effective upon filing. For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91st day after filing. For California: Pursuant to Resolution ALJ 257, this filing will become effective, absent rejection of the Advice Letter by the Commission, upon thirty (30) days after the filing date of the Advice Letter to which this Amendment is appended. For Wisconsin: Pursuant to Wisconsin Statute § 196.40, this Amendment shall become effective ten (10) days after the mailing date of the final order approving this Amendment.

## <u>Exhibit B</u>

AT&T ILEC ("AT&T")	CLEC Contract Name in Underlying Agreement	New CLEC Contract Name in Underlying Agreement	Contract Type	Approval Date
BellSouth Telecommunications, LLC d/b/a AT&T ALABAMA	Comcast Phone of Alabama, LLC		Interconnection	10/4/05
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	Comcast Phone of Arkansas, LLC d/b/a Comcast Digital Phone		Interconnection	3/14/06
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	Comcast Phone of California, LLC d/b/a Comcast Digital Phone		Interconnection	10/26/05
BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA	Comcast Phone of Florida, LLC d/b/a Comcast Digital Phone		Interconnection	1/8/06
BellSouth Telecommunications, LLC d/b/a AT&T GEORGIA	Comcast Phone of Georgia, LLC	Comcast Phone of Georgia, LLC d/b/a Comcast Digital Phone	Interconnection	11/10/05
Illinois Bell Telephone Company d/b/a AT&T ILLINOIS	Comcast Phone of Illinois, LLC d/b/a Comcast Digital Phone		Interconnection	4/21/04
Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA			Interconnection	10/29/09
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	Comcast Phone of Kansas, LLC		Interconnection	11/2/05

AT&T ILEC ("AT&T")	CLEC Contract Name in Underlying Agreement	New CLEC Contract Name in Underlying Agreement	Contract Type	Approval Date
BellSouth Telecommunications, LLC dba AT&T KENTUCKY	Comcast Phone of Kentucky, LLC d/b/a Comcast Digital Phone		Interconnection	9/27/05
BellSouth Telecommunications, LLC d/b/a AT&T LOUISIANA Comcast Phone of Louisiana, LL d/b/a Comcast Digital Phone		Comcast Phone of Louisiana, LLC	Interconnection	7/1/06
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	Comcast Phone of Michigan, LLC		Interconnection	7/10/02
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	Comcast Phone of Missouri, LLC d/b/a Comcast Digital Phone		Interconnection	9/14/05
BellSouth Telecommunications, LLC d/b/a AT&T MISSISSIPPI	Comcast Phone of Mississippi, LLC		Interconnection	8/29/06
The Ohio Bell Telephone Company d/b/a AT&T OHIO	Comcast Phone of Ohio, LLC d/b/a Comcast Digital Phone		Interconnection	2/23/10
BellSouth Telecommunications, LLC d/b/a AT&T SOUTH CAROLINA	Comcast Phone of South Carolina, Inc.		Interconnection	12/6/05
BellSouth Telecommunications, LLC d/b/a AT&T TENNESSEE Comcast Phone of Tennessee, LLC d/b/a Comcast Digital Phone			Interconnection	11/21/05
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	Comcast Phone of Texas, LLC		Interconnection	9/13/05

AT&T ILEC ("AT&T")	Underlying Agreement		Contract Type	Approval Date
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	Comcast Phone of Wisconsin, LLC d/b/a Comcast Digital Phone		Interconnection	2/26/09

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Disconnect Loop from inside wiring, per NID		NRBND	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Urban STL, KC)		U21	1
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Rural)		U21	3
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 4 (Urban Springfield)		U21	4
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Conditioning for dB loss from 8db to 5db		UL2	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1 (Urban STL, KC)		U4H	1
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Rural)		U4H	3
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 4 (Urban Springfield)		U4H	4
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 1 (Urban STL, KC)		U2Q	1
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 2 (Suburban)		U2Q	2
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 3 (Rural)		U2Q	3
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 4 (Urban Springfield)		U2Q	4
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Digital Loop - Zone 1 (Urban STL, KC)		U4D1X	1
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Digital Loop - Zone 2 (Suburban)		U4D1X	2
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Digital Loop - Zone 3 (Rural)		U4D1X	3
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Digital Loop - Zone 4 (Urban Springfield)		U4D1X	4

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 1 (Urban STL, KS)		U4D3X	1
13	мо	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 2 (Suburban)		U4D3X	2
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 3 (Rural)		U4D3X	3
13	мо	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 4 (Urban Springfield)		U4D3X	4
13	мо	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation	LU1	UCXC2	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)	LU1	UCXD2	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation	LU1	UCXC4	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)	LU1	UCXD4	
13	МО		2-Wire Digital Loop Cross Connect to Collocation	LU1	DXZLD	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Cross Connect to Collocation (without testing)	LU1	DXZLJ	
13	МО		4-Wire Digital Loop (DS1 Loop Cross-Connect)	LU1	UCXHX	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Digital Loop (DS1 Loop Cross-Connect) -without testing	LU1	UDLD4	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Cross Connect to Multiplexer with testing (EEL)	EE7MX	DXZLF	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Cross Connect to Multiplexer (EEL)- Disconnect	EE7MX	NKCTD	
13	МО		2-Wire Analog Cross Connect to Mux (EEL)		UCXM2	
13	МО		4-Wire Analog Cross Connect to Mux (EEL)		UCXM4	
13	МО		2-Wire Digital Loop Cross Connect to Mux (EEL)		UCXS2	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP			UCXBX	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS)		2SLAX	1
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLAX	2
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 3 (Rural)		2SLAX	3
14		UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 4 (Urban		2SLAX	4
14			PSD #2 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS)		2SLCX	1
14			PSD #2 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLCX	2
14			PSD #2 - 2-Wire xDSL Loop - Zone 3 (Rural)		2SLCX 2SLCX	3
			PSD #2 - 2-Wire xDSL Loop - Zone 4 (Urban			
14		UNBUNDLED EXCHANGE ACCESS LOOP			2SLCX	4
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS)		2SLBX	1
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLBX	2
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 3 (Rural) PSD #3 - 2-Wire xDSL Loop - Zone 4 (Urban		2SLBX	3
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP			2SLBX	4
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS)		2SLDX	1
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLDX	2
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 3 (Rural)		2SLDX	3
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield)		2SLDX	4
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS)		U2F	1
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 2 (Suburban)		U2F	2

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 3 (Rural)		U2F	3
14		UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 4 (Urban		U2F	4
14	IVIO	UNBUNDLED EXCHANGE ACCESS LOOP	Springheid)		UZF	4
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS)		2SLFX	1
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLFX	2
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 3 (Rural)		2SLFX	3
			PSD #7 - 2-Wire xDSL Loop - Zone 4 (Urban			
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Springfield)		2SLFX	4
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 1 (Urban STL, KS)		4SL1X	1
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 2 (Suburban)		4SL1X	2
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 3 (Rural)		4SL1X	3
14	МО	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 4 (Urban Springfield)		4SL1X	4
13	мо	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zope 1 (Rural)		UY5FX	1
10					UTOTX	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 2 (Suburban)		UY5FX	2
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 3 (Urban)		UY5FX	3
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 4 (Urban Springfield)		UY5FX	4
14	MO	LOOP MAKE-UP	Loop Qualification Process - Mechanized		NR98U	
14		LOOP MAKE-UP	Loop Qualification Process - Manual		NRBXU	
14	MO	LOOP MODIFICATION	DSL Conditioning - Removal of Repeaters		NRBXV	
14	МО	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Repeater (> than 17.5 Kft.same location/same cable)		NRBNL	
14	MO	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Repeater (> than 17.5 Kft.same location/different cable)		NRBNP	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			DSL Conditioning - Removal of Excessive Bridged Taps			
14	MO	LOOP MODIFICATION	and Repeaters		NRBXH	
			DSL Conditioning - Incremental Removal of Excessive			
			Bridged Taps and Repeaters (>than 17.5K same			
14	MO	LOOP MODIFICATION	location/same cable) DSL Conditioning - Incremental Additional Removal of		NRBTV	
			Excessive Bridged Taps and Repeaters (>than 17.5K			
14	мо	LOOP MODIFICATION	same location/different cable)		NRBTW	
14	MO	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps		NRBXW	
			DSL Conditioning - Incremental Removal of Excessive			
14	мо	LOOP MODIFICATION	Bridged Tap (> than 17.5 Kft.same location/same cable)		NRBNK	
14	NIO		DSL Conditioning - Incremental Additional Removal of		INNDINN	
			Excessive Bridged Tap (> than 17.5 Kft.same			
14	МО	LOOP MODIFICATION	location/different cable)		NRBNN	
			DSL Conditioning - Removal of Excessive Bridged Taps			
14	MO	LOOP MODIFICATION	and Load Coils		NRBXF	
			DSL Conditioning - Incremental Removal of Load Coil &			
			Excessive Bridge Tap (> than 17.5 Kft.same			
14	MO	LOOP MODIFICATION	location/same Cable)		NRBM8	
			DSL Conditioning - Incremental Additional Removal of Load Coil & Excessive Bridge Tap (> than 17.5 Kft.same			
14	мо	LOOP MODIFICATION	location/different Cable)		NRBM9	
14		LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils		NRBXZ	
			DSL Conditioning - Incremental Removal of Load Coil (>			
14	MO	LOOP MODIFICATION	than 17.5 Kft.same location/same Cable)		NRBNJ	
14	МО	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Load Coil (> than 17.5 Kft.same location/different Cable)		NRBNH	
14			RABT - MMP - Removal of non-excessive bridged tap			
14	мо	LOOP MODIFICATION	DSL loops >0Kft. And <17.5Kft.		NRMRJ	
			RABT - MMP - Removal of All Bridged Tap DSL Loops			
14	MO	LOOP MODIFICATION	12Kft. To 17.5Kft.		NRMRP	
			RABT - MMP - Removal of non-excessive bridged tap			
			DSL loops >17.5Kft DSL Loops - per element			
14	MO	LOOP MODIFICATION	incremental		NRMRS	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
Attaonment	Otate	Troduct	RABT - MMP - Removal of All Bridged Tap DSL loops		0000	20110
14	мо	LOOP MODIFICATION	>17.5KFt per element incremental		NRMRM	
14	-	LOOP MODIFICATION	DSL Shielded Loop Cross Connect to Collocation		UXRRX	
14	MO	LOOP MODIFICATION	2-Wire DSL Non-Shielded Cross Connect to Collocation		UCX92	
14	MO	LOOP MODIFICATION	4-Wire DSL Non-Shielded Cross Connect to Collocation		UCX94	
14		LOOP MODIFICATION	LST performed on CODSLAM Loop		URCLD	
13MR-SL	MO	SUB-LOOPS	LST performed on Sub Loop		URCLB	
			ECS to SAI Subloop Charge 2-Wire Analog Zone 1			
13MR-SL	MO	SUB-LOOPS	(Urban STL, KS)		U6LAP	1
			ECS to SAI Subloop Charge 2-Wire Analog Zone 2			
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LAP	2
			ECS to SAI Subloop Charge 2-Wire Analog Zone 3			
13MR-SL	MO	SUB-LOOPS	(Rural)		U6LAP	3
			ECS to SAI Subloop Charge 2-Wire Analog Zone 4			
13MR-SL	MO	SUB-LOOPS	(Urban Springfield)		U6LAP	4
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 2-Wire Analog Zone 1		U6LAQ	1
13IVIR-SL	MO	50B-LOOP5	(Urban STL, KC) ECS to Terminal Subloop Charge 2-Wire Analog Zone 2		U6LAQ	1
13MR-SL	мо	SUB-LOOPS	(Suburban)		U6LAQ	2
I SIVIR-SL	IVIO	30B-LOOF3	ECS to Terminal Subloop Charge 2-Wire Analog Zone 3		UOLAQ	2
13MR-SL	мо	SUB-LOOPS	(Rural)		U6LAQ	3
		60D-2001 5	ECS to Terminal Subloop Charge 2-Wire Analog Zone 4		UULAQ	5
13MR-SL	мо	SUB-LOOPS	(Urban Springfield)		U6LAQ	4
		000 2001 0	ECS to NID Subloop Charge 2-Wire Analog Zone 1		002/10	
13MR-SL	мо	SUB-LOOPS	(Urban STL, KC)		U6LAR	1
			ECS to NID Subloop Charge 2-Wire Analog Zone 2		002	
13MR-SL	мо	SUB-LOOPS	(Suburban)		U6LAR	2
	_		ECS to NID Subloop Charge 2-Wire Analog Zone 3			
13MR-SL	MO	SUB-LOOPS	(Rural)		U6LAR	3
			ECS to NID Subloop Charge 2-Wire Analog Zone 4			
13MR-SL	MO	SUB-LOOPS	(Urban Springfield)		U6LAR	4
			SAI to Terminal Subloop Charge 2-Wire Analog Zone 1			
13MR-SL	MO	SUB-LOOPS	(Urban STL, KC)		U6LAS	1
			SAI to Terminal Subloop Charge 2-Wire Analog Zone 2			
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LAS	2

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
Attaciment	Otale	Troduct	SAI to Terminal Subloop Charge 2-Wire Analog Zone 3		0000	Zone
13MR-SL	MO	SUB-LOOPS	(Rural)		U6LAS	3
			SAI to Terminal Subloop Charge 2-Wire Analog Zone 4		002.0	
13MR-SL	МО	SUB-LOOPS	(Urban Springfield)		U6LAS	4
			SAI to NID Subloop Charge 2-Wire Analog Zone 1			
13MR-SL	MO	SUB-LOOPS	(Urban STL, KC)		U6LAT	1
			SAI to NID Subloop Charge 2-Wire Analog Zone 2			
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LAT	2
	_		SAI to NID Subloop Charge 2-Wire Analog Zone 3			
13MR-SL	MO	SUB-LOOPS	(Rural)		U6LAT	3
			SAI to NID Subloop Charge 2-Wire Analog Zone 4			
13MR-SL	MO	SUB-LOOPS	(Urban Springfield)		U6LAT	4
	МО	SUB-LOOPS	Terminal to NID Subloop Charge 2-Wire Analog Zone 1 (Urban STL, KC)			1
13MR-SL	IVIO	50B-LOOP5	Terminal to NID Subloop Charge 2-Wire Analog Zone 2		U6LAU	1
13MR-SL	мо	SUB-LOOPS	(Suburban)		U6LAU	2
	IVIO		Terminal to NID Subloop Charge 2-Wire Analog Zone 3		UULAU	2
13MR-SL	мо	SUB-LOOPS	(Rural)		U6LAU	3
			Terminal to NID Subloop Charge 2-Wire Analog Zone 4		001.0	-
13MR-SL	МО	SUB-LOOPS	(Urban Springfield)		U6LAU	4
			ECS to SAI Subloop Charge 4-Wire Analog Zone 1			
13MR-SL	MO	SUB-LOOPS	(Urban STL, KC)		U6LEP	1
			ECS to SAI Subloop Charge 4-Wire Analog Zone 2			
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LEP	2
			ECS to SAI Subloop Charge 4-Wire Analog Zone 3			
13MR-SL	MO	SUB-LOOPS	(Rural)		U6LEP	3
			ECS to SAI Subloop Charge 4-Wire Analog Zone 4			
13MR-SL	MO	SUB-LOOPS	(Urban Springfield)		U6LEP	4
	MO		ECS to Terminal Subloop Charge 4-Wire Analog Zone 1			4
13MR-SL	MO	SUB-LOOPS	(Urban STL, KC) ECS to Terminal Subloop Charge 4-Wire Analog Zone 2		U6LEQ	1
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LEQ	2
I SIVIK-SL	UVIO		ECS to Terminal Subloop Charge 4-Wire Analog Zone 3		UULEQ	2
13MR-SL	мо	SUB-LOOPS	(Rural)		U6LEQ	3
			ECS to Terminal Subloop Charge 4-Wire Analog Zone 4		UULLQ	5
13MR-SL	мо	SUB-LOOPS	(Urban Springfield)		U6LEQ	4

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			ECS to NID Subloop Charge 4-Wire Analog Zone 1			4
13MR-SL	MO	SUB-LOOPS	(Urban STL, KC) ECS to NID Subloop Charge 4-Wire Analog Zone 2		U6LER	1
13MR-SL	МО	SUB-LOOPS	(Suburban)		U6LER	2
			ECS to NID Subloop Charge 4-Wire Analog Zone 3			
13MR-SL	MO	SUB-LOOPS	(Rural)		U6LER	3
			ECS to NID Subloop Charge 4-Wire Analog Zone 4			
13MR-SL	MO	SUB-LOOPS	(Urban Springfield) SAI to Terminal Subloop Charge 4-Wire Analog Zone 1		U6LER	4
13MR-SL	мо	SUB-LOOPS	(Urban STL, KC)		U6LES	1
	mo		SAI to Terminal Subloop Charge 4-Wire Analog Zone 2		00220	
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LES	2
			SAI to Terminal Subloop Charge 4-Wire Analog Zone 3			
13MR-SL	MO	SUB-LOOPS	(Rural)		U6LES	3
13MR-SL	МО	SUB-LOOPS	SAI to Terminal Subloop Charge 4-Wire Analog Zone 4 (Urban Springfield)		U6LES	4
	IVIO	30B-200F3	SAI to NID Subloop Charge 4-Wire Analog Zone 1		UULES	4
13MR-SL	МО	SUB-LOOPS	(Urban STL, KC)		U6LET	1
			SAI to NID Subloop Charge 4-Wire Analog Zone 2			
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LET	2
			SAI to NID Subloop Charge 4-Wire Analog Zone 3			
13MR-SL	MO	SUB-LOOPS	(Rural) SAI to NID Subloop Charge 4-Wire Analog Zone 4		U6LET	3
13MR-SL	мо	SUB-LOOPS	(Urban Springfield)		U6LET	4
	1110		Terminal to NID Subloop Charge 4-Wire Analog Zone 1		00221	•
13MR-SL	MO	SUB-LOOPS	(Urban STL, KC)		U6LEU	1
	_		Terminal to NID Subloop Charge 4-Wire Analog Zone 2			
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LEU	2
13MR-SL	МО	SUB-LOOPS	Terminal to NID Subloop Charge 4-Wire Analog Zone 3 (Rural)		U6LEU	3
	UVIO		Terminal to NID Subloop Charge 4-Wire Analog Zone 4		UULEU	3
13MR-SL	МО	SUB-LOOPS	(Urban Springfield)		U6LEU	4
			ECS to SAI Subloop Charge-2-Wire DSL Zone 1 (Urban			
13MR-SL	MO	SUB-LOOPS	STL, KC)		U6LCP	1
	MO		ECS to SAI Subloop Charge 2-Wire DSL Zone 2			2
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LCP	2

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 2-Wire DSL Zone 3 (Rural)		U6LCP	3
13MR-SL	МО	SUB-LOOPS	ECS to SAI Subloop Charge 2-Wire DSL Zone 4 (Urban Springfield)		U6LCP	4
	MO		ECS to Terminal Subloop Charge 2-Wire DSL Zone 1		00201	
13MR-SL	MO	SUB-LOOPS	(Urban STL, KC)		U6LCQ	1
13MR-SL	МО	SUB-LOOPS	ECS to Terminal Subloop Charge 2-Wire DSL Zone 2 (Suburban)		U6LCQ	2
	NIO	300-2001 3	ECS to Terminal Subloop Charge 2-Wire DSL Zone 3		UULUQ	2
13MR-SL	МО	SUB-LOOPS	(Rural)		U6LCQ	3
			ECS to Terminal Subloop Charge 2-Wire DSL Zone 4			
13MR-SL	MO	SUB-LOOPS	(Urban Springfield)		U6LCQ	4
13MR-SL	МО	SUB-LOOPS	ECS to NID Subloop Charge-2-Wire DSL Zone 1 (Urban STL, KC)		U6LCR	1
			ECS to NID Subloop Charge-2-Wire DSL Zone 2		001011	
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LCR	2
13MR-SL	МО	SUB-LOOPS	ECS to NID Subloop Charge 2-Wire DSL Zone 3 (Rural)		U6LCR	3
			ECS to NID Subloop Charge 2-Wire DSL Zone 4 (Urban			
13MR-SL	MO	SUB-LOOPS	Springfield)		U6LCR	4
13MR-SL	МО	SUB-LOOPS	SAI to Terminal Subloop Charge 2-Wire DSL Zone 1 (Urban STL, KC)		U6LCS	1
TOWIN-OL	NIO	30B-LOOF 3	SAI to Terminal Subloop Charge 2-Wire DSL Zone 2		00103	1
13MR-SL	МО	SUB-LOOPS	(Suburban)		U6LCS	2
			SAI to Terminal Subloop Charge 2-Wire DSL Zone 3			_
13MR-SL	MO	SUB-LOOPS	(Rural)		U6LCS	3
13MR-SL	МО	SUB-LOOPS	SAI to Terminal Subloop Charge 2-Wire DSL Zone 4 (Urban Springfield)		U6LCS	4
			SAI to NID Subloop Charge 2-Wire DSL Zone 1 (Urban		00200	•
13MR-SL	MO	SUB-LOOPS	STL, KC)		U6LCT	1
	MO	SUB LOODS	SAI to NID Subloop Charge 2-Wire DSL Zone 2			
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LCT	2
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 2-Wire DSL Zone 3 (Rural)		U6LCT	3
			SAI to NID Subloop Charge 2-Wire DSL Zone 4 (Urban			
13MR-SL	MO	SUB-LOOPS	Springfield)		U6LCT	4

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			Terminal to NID Subloop Charge 2-Wire DSL Zone 1			
13MR-SL	MO	SUB-LOOPS	(Urban STL, KC) Terminal to NID Subloop Charge 2-Wire DSL Zone 2		U6LCU	1
13MR-SL	мо	SUB-LOOPS	(Suburban)		U6LCU	2
TOWINGE	1010		Terminal to NID Subloop Charge 2-Wire DSL Zone 3		00200	2
13MR-SL	MO	SUB-LOOPS	(Rural)		U6LCU	3
_	_		Terminal to NID Subloop Charge 2-Wire DSL Zone 4		_	
13MR-SL	MO	SUB-LOOPS	(Urban Springfield)		U6LCU	4
13MR-SL	МО	SUB-LOOPS	ECS to SAI Subloop Charge 4-Wire DSL Zone 1 (Urban STL, KC)		U6LGP	1
TOWIN-OL	IVIO	30B-LOOF 3	ECS to SAI Subloop Charge 4-Wire DSL Zone 2		UOLGF	I
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LGP	2
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 4-Wire DSL Zone 3 (Rural)		U6LGP	3
13MR-SL	МО	SUB-LOOPS	ECS to SAI Subloop Charge 4-Wire DSL Zone 4 (Urban Springfield)		U6LGP	4
I SIVIR-SL	IVIO	SUB-LOOPS	ECS to Terminal Subloop Charge 4-Wire DSL Zone 1		UOLGP	4
13MR-SL	МО	SUB-LOOPS	(Urban STL, KC)		U6LGQ	1
			ECS to Terminal Subloop Charge 4-Wire DSL Zone 2			
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LGQ	2
			ECS to Terminal Subloop Charge 4-Wire DSL Zone 3			
13MR-SL	MO	SUB-LOOPS	(Rural) ECS to Terminal Subloop Charge 4-Wire DSL Zone 4		U6LGQ	3
13MR-SL	мо	SUB-LOOPS	(Urban Springfield)		U6LGQ	4
TOWINGE	1010		ECS to NID Subloop Charge 4-Wire DSL Zone 1 (Urban		00200	•
13MR-SL	MO	SUB-LOOPS	STL, KC)		U6LGR	1
_	_		ECS to NID Subloop Charge 4-Wire DSL Zone 2			
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LGR	2
13MR-SL	МО	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire DSL Zone 3 (Rural)		U6LGR	3
			ECS to NID Subloop Charge 4-Wire DSL Zone 3 (Kural)		UULGIN	5
13MR-SL	MO	SUB-LOOPS	Springfield)		U6LGR	4
			SAI to Terminal Subloop Charge 4-Wire DSL Zone 1			
13MR-SL	MO	SUB-LOOPS	(Urban STL, KC)		U6LGS	1
13MR-SL	МО	SUB-LOOPS	SAI to Terminal Subloop Charge 4-Wire DSL Zone 2 (Suburban)		U6LGS	2
I SIVIK-SL	UN	1300-LUUP3			UDLGS	2

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			SAI to Terminal Subloop Charge 4-Wire DSL Zone 3			
13MR-SL	MO	SUB-LOOPS	(Rural) SAI to Terminal Subloop Charge 4-Wire DSL Zone 4		U6LGS	3
13MR-SL	МО	SUB-LOOPS	(Urban Springfield)		U6LGS	4
			SAI to NID Subloop Charge 4-Wire DSL Zone 1 (Urban			
13MR-SL	MO	SUB-LOOPS	STL, KC)		U6LGT	1
	MO		SAI to NID Subloop Charge 4-Wire DSL Zone 2 (Suburban)			2
13MR-SL	MO	SUB-LOOPS	(Suburban)		U6LGT	2
13MR-SL	МО	SUB-LOOPS	SAI to NID Subloop Charge 4-Wire DSL Zone 3 (Rural)		U6LGT	3
			SAI to NID Subloop Charge 4-Wire DSL Zone 4 (Urban			
13MR-SL	MO	SUB-LOOPS	Springfield)		U6LGT	4
			Terminal to NID Subloop Charge 4-Wire DSL Zone 1			
13MR-SL	MO	SUB-LOOPS	(Urban STL, KC) Terminal to NID Subloop Charge 4-Wire DSL Zone 2		U6LGU	1
13MR-SL	МО	SUB-LOOPS	(Suburban)		U6LGU	2
	mo		Terminal to NID Subloop Charge 4-Wire DSL Zone 3		00200	
13MR-SL	MO	SUB-LOOPS	(Rural)		U6LGU	3
			Terminal to NID Subloop Charge 4-Wire DSL Zone 4			
13MR-SL	MO	SUB-LOOPS	(Urban Springfield)		U6LGU	4
13MR-SL	МО	SUB-LOOPS	Subloop Cross Connect 2-Wire Analog Non-Central Office Originating		UKCV2	1
TOWR-OL	IVIO	30B-LOOF3	Subloop Cross Connect 4-Wire Analog Non-Central		UKCV2	
13MR-SL	МО	SUB-LOOPS	Office Originating		UKCV4	2
			Subloop Cross Connect 2-Wire DSL Non-Central Office			
13MR-SL	MO	SUB-LOOPS	Originating		UKCZ2	3
			Subloop Cross Connect 4-Wire DSL Non-Central Office			
13MR-SL	MO	SUB-LOOPS	Originating		UKCZ4	4
13	мо	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
		••••				-
13	MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
10	MO		2 Mire Angles Leon Cross Correct to DOA Mathed C		UXRA3	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3		UXKA3	3
13	MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Analog Loop Cross Connect to POA - Method 1		UXRB1	1

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			-	,		
13	MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Analog Loop Cross Connect to POA - Method 2		UXRB2	2
13	мо	UNBUNDLED DEDICATED TRANSPORT	4-Wire Analog Loop Cross Connect to POA - Method 3		UXRB3	3
13	MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Digital Loop Cross Connect to POA - Method 1		UXRC1	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Digital Loop Cross Connect to POA - Method 2		UXRC2	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Digital Loop Cross Connect to POA - Method 3		UXRC3	3
13	MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Digital Loop Cross Connect to POA - Method 1		UXRD1	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Digital Loop Cross Connect to POA - Method 2		UXRD2	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Digital Loop Cross Connect to POA - Method 3		UXRD3	3
13	МО	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connectto POA: DS1 - Method 1		UXRQ1	1
13	МО	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 2		UXRQ2	2
13	МО	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 3		UXRQ3	3
13	МО	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS3 - Method 1			1
13	мо	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS3 - Method 2			2
13	МО	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS3 - Method 3			3
13	мо	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC)		ULNHS	1
13	мо	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
13	МО	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Rural)		ULNHS	3
			DT-DS1 Interoffice Transport, First Mile - Zone 4 (Urban			
13	MO	UNBUNDLED DEDICATED TRANSPORT	Springfield)		ULNHS	4
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone DT-DS1 Interoffice Transport, Each Additional Mile -		ULNHS	
13	MO	UNBUNDLED DEDICATED TRANSPORT	Zone 1 (Urban STL, KC)		ULNHS	1
13	МО	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
13	МО	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Rural)		ULNHS	3

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
Attaoimont	otato		DT-DS1 Interoffice Transport, Each Additional Mile -			Lone
13	MO	UNBUNDLED DEDICATED TRANSPORT	Zone 4 (Urban Springfield)		ULNHS	4
			DT-DS1 Interoffice Transport, Each Additional Mile -			
13	MO	UNBUNDLED DEDICATED TRANSPORT	Interzone		ULNHS	I
			DT-DS3 Interoffice Transport, First Mile - Zone 1 (Urban			
13	MO	UNBUNDLED DEDICATED TRANSPORT	STL, KC)		ULNJS	1
10			DT-DS3 Interoffice Transport, First Mile - Zone 2			
13	MO	UNBUNDLED DEDICATED TRANSPORT	(Suburban)		ULNJS	2
13	МО	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Rural)		ULNJS	3
13	IVIO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Rural)		ULINJS	3
13	МО	UNBUNDLED DEDICATED TRANSPORT	Springfield)		ULNJS	4
13		UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	
			DT-DS3 Interoffice Transport, Each Additional Mile -			
13	MO	UNBUNDLED DEDICATED TRANSPORT	Zone 1 (Urban STL, KC)		ULNJS	1
			DT-DS3 Interoffice Transport, Each Additional Mile -			
13	MO	UNBUNDLED DEDICATED TRANSPORT	Zone 2 (Suburban)		ULNJS	2
	_		DT-DS3 Interoffice Transport, Each Additional Mile -			
13	MO	UNBUNDLED DEDICATED TRANSPORT	Zone 3 (Rural)		ULNJS	3
10			DT-DS3 Interoffice Transport, Each Additional Mile -			
13	MO	UNBUNDLED DEDICATED TRANSPORT	Zone 4 (Urban Springfield) DT-DS3 Interoffice Transport, Each Additional Mile -		ULNJS	4
13	МО	UNBUNDLED DEDICATED TRANSPORT	Interzone		ULNJS	1
13		UNBUNDLED DEDICATED TRANSPORT	DT Cross Connect - DS1 to Collocation	UBNTX	DXZTA	1
13		UNBUNDLED DEDICATED TRANSPORT	DT Cross Connect - DS1 to Collocation - Disconnect	UBNTX	NKCTE	
13		UNBUNDLED DEDICATED TRANSPORT	DT Cross Connect - DS3 to Collocation	00.00	UCXJX	
13		UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	
13		UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber -Interoffice per strand		ULYCX	
			Dark Fiber - Interoffice per foot Zone 1(Urban STL,			
13		UNBUNDLED DEDICATED TRANSPORT	KS)		ULNCF	1
13		UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 2 (Suburban)		ULNCF	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 3 (Rural)		ULNCF	3
40	MO		Dark Fiber - Interoffice per foot Zone 4 Urban			
13		UNBUNDLED DEDICATED TRANSPORT UNBUNDLED DEDICATED TRANSPORT	(Springfield) Dark Fiber Cross Connect - Interoffice		ULNCF UKCJX	4
13 13		UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Interoffice		NR9D6	
13	NO	UNDUNDLED DEDICATED TRANSPORT			INKADO	

Attachmont	Ctata	Draduct	Data Element Description		11500	7
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Routine Modifications of Existing Facilities		N3RUE	
7	МО	OPERATIONS SUPPORT SYSTEMS (OSS)	800 Database - Toll Free Database Query			
,	WIO	OPERATIONS SUPPORT SYSTEMS				
7	MO	(OSS)	800 Database - Call Handling and Destination			
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual New - Complex		NRBUR	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Change - Complex		NRBUP	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Record - Complex		NRBUV	
13			Service Order Charge - Manual Disconnect - Complex		NRBUX	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Expedited - Complex		NRMV2	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP			NRMV6	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Due Date Change or Cancellation - Complex		NRMV4	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic New - Complex		NRBAW	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Change - Complex		NR9G8	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Record - Simple		NR9GU	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Record - Complex		NR9G7	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Disconnect - Complex		NR9G9	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Expedited - Complex		NRMVX	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP			NRMVY	
13	МО	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Due Date Change or Cancellation - Complex		NRMVZ	