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Electronically Filed in TPUC Docket Room on January 11, 2023 at 9:14 a.m.

January 11, 2023

VIA OVERNIGHT COURIER

Hon. David F. Jones, Chairman Tennessee Public Utility Commission 502 Deaderick Street Nashville, TN 37238

Re: Approval of the Amendments to the Interconnection Agreement Negotiated by AT&T Tennessee and XO Communications Services, LLC ("CLEC")

Docket No. 23-00006

Dear Chairman Jones:

Enclosed for filing in the referenced docket is the original *Petition for Approval of the Amendments to the Interconnection Agreement Negotiated by AT&T Tennessee and CLEC.* As required, included with this filing is the \$50 filing fee made payable to the Tennessee Public Utility Commission.

In accordance with Section 252(e) of the Telecommunications Act of 1996, the Tennessee Public Utility Commission is charged with approving or rejecting the negotiated Amendments between AT&T Tennessee and CLEC within 90 days of its submission. The Act provides that the Tennessee Public Utility Commission may only reject such amendments if it finds that the amendments or any portion of the amendments discriminates against a telecommunications carrier not a party to the amendments or the implementation of the amendments or any portion of the amendments are not consistent with the public interest, convenience, and necessity. CLEC and AT&T Tennessee aver that the Amendments are consistent with the standards for approval.

These Amendments implements FCC Orders 19-66 and 19-72 in WC Docket No. 18-141, the FCC UNE and Resale Forbearance Order and FCC Order 20-152 in WC Docket No. 19-308, the FCC UNE Relief Order; modifies DS1 and DS3 rates.

AT&T Tennessee respectfully requests that the Commission approve the Amendments to the Agreement.

Sincerely,

/s/ Sally Briar

Sally Briar

Enclosures

BEFORE THE TENNESSEE PUBLIC UTILITY COMMISSION

Nashville, Tennessee

In re:

Approval of the Amendments to the Interconnection Agreement Negotiated by

AT&T Tennessee and XO Communications Services, LLC

Docket No. 23-00006

PETITION FOR APPROVAL OF THE AMENDMENTS TO THE INTERCONNECTION AGREEMENT NEGOTIATED BETWEEN AT&T TENNESSEE AND XO COMMUNICATIONS SERVICES, LLC

AT&T Tennessee ("AT&T") and XO Communications Services, LLC ("CLEC") file this

request for approval of the Amendments to the Interconnection Agreement (the "Agreement")

negotiated between the two companies pursuant to Sections 251 and 252 of the

Telecommunications Act of 1996 (the "Act"). In support of their request, CLEC and AT&T state

the following:

1. CLEC and AT&T have negotiated the agreements for interconnection of their

networks, the unbundling of specific network elements offered by AT&T and the resale of

AT&T's telecommunications services to CLEC.

2. The parties have recently negotiated the amendments to the Agreement. The

amendments implement FCC Orders 19-66 and 19-72 in WC Docket No. 18-141, the FCC UNE

and Resale Forbearance Order and FCC Order 20-152 in WC Docket No. 19-308, the FCC UNE

Relief Order; modifies DS1 and DS3 rates. Copies of the Amendments are attached hereto and

incorporated herein by reference.

3. Pursuant to Section 252(e) of the Telecommunications Act of 1996, CLEC and

AT&T are submitting their Agreement to the Tennessee Public Utility Commission for its

consideration and approval. In accordance with Section 252(e) of the Act, the Tennessee Public

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Utility Commission is charged with approving or rejecting the negotiated Amendments to the

Agreement between AT&T and CLEC within 90 days of its submission. The Act provides that the

Tennessee Public Utility Commission may only reject such an agreement if it finds that the

agreement or any portion of the agreement discriminates against a telecommunications carrier

not a party to the agreement or the implementation of the agreement or any portion of the

agreement is not consistent with the public interest, convenience, and necessity.

4. CLEC and AT&T aver that the Agreement is consistent with the standards for

approval.

5. Pursuant to 47 USC Section 252(i) and 47 C.F.R. Section 51.809, AT&T shall make

available the entire Interconnection Agreement approved pursuant to 47 USC Section 252.

CLEC and AT&T respectfully request that the Tennessee Public Utility Commission

approve the Amendments to the Agreement negotiated between the parties.

Respectfully submitted,

AT&T TENNESSEE

By: /s/ Sally Briar

Sally Briar

4426 Savage Pointe Dr.

Franklin, Tennessee 37064

(630) 460-5833

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CERTIFICATE OF SERVICE

/s/ Sally Briar

Sally Briar

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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 NORTH CAROLINA, 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, AT&T OKLAHOMA AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

AND

XO COMMUNICATIONS SERVICES, LLC



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Signature: _	eSigned - Daniel Higgins II	Signature:	eSigned - Kristen E. Shore
Name:	eSigned - Daniel Higgins II	Name:	eSigned - Kristen E. Shore
	(Print or Type)		(Print or Type)
Title:	AVP(Print or Type)	Title:	AVP- Regulatory (Print or Type)
Date:	15 Dec 2022	Date:	15 Dec 2022

XO Communications Services, LLC

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 NORTH CAROLINA, 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, AT&T OKLAHOMA 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	418B	539B	
ARKANSAS	2796		
CALIFORNIA	2796	7262	7262
FLORIDA	6100	423B,6100	6100
GEORGIA	8758	424B,8758	8758
ILLINOIS	2796		
INDIANA	2796	4359	4359
KANSAS	2796	463B	463B
KENTUCKY	418B	622B	623B
LOUISIANA	418B	691B	
MICHIGAN	2796	4125	4125
MISSISSIPPI	457B	428B	
MISSOURI	2796	4774	4774
NORTH CAROLINA	456B	432B	4792
OHIO	2796	7520	7520

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OKLAHOMA	2796		
SOUTH CAROLINA	418B	747B	
TENNESSEE	7344	436B	7344
TEXAS	4815	8958	8958
WISCONSIN	2796	4126	4126

Description	ACNA Code(s)
ACNA(s)	TQW

AMENDMENT TO THE AGREEMENT BETWEEN XO COMMUNICATION SERVICES, LLC 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 NORTH CAROLINA, 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 CALIFORNIA, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

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

WHEREAS, AT&T and CLEC are Parties to the Agreement(s) as shown in the attached Exhibit B; and as subsequently amended (the "Agreement"); and

WHEREAS, the Parties desire to amend the Agreement to implement the FCC Orders FCC-19-66 and FCC-19-72 in WC Dkt. No. 18-141; Petition of USTelecom for Forbearance Pursuant to 47 U.S.C. § 160(c) to Accelerate Investment in Broadband and Next-Generation Networks which was filed with the FCC on May 4, 2018 (FCC Order 19-72, the "FCC UNE and Resale Forbearance Order"); and

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 became effective on February 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 and the terms and conditions contained herein, all of which are hereby incorporated by this reference and constitute a part of this Amendment.
- 2. As of February 2, 2020, except for resale services that are grandfathered pursuant to subsection 2.a below, CLEC's purchase of retail services for resale under the Agreement shall be deemed to be purchased for resale pursuant to Section 251(b)(1) of the Act, and the wholesale discount previously available under Section 251(c)(4) of the Act as of February 2, 2020 ("Wholesale Discount"), shall no longer be mandatory. Any changes to the discount will be made with 180 days notice, and in any case shall not result in CLEC being charged more than the amount permitted under Section 251(b)(1) of the Act and, for the Resale Embedded Base, shall take effect no earlier than the date specified in Section 2.a below.
 - a. Resale services ordered on or before February 1, 2020 ("Resale Embedded Base") are grandfathered at the Wholesale Discount until August 2, 2022, after which 180 days notice will be provided before a change can be made (which change in any case shall not result in CLEC being charged more than the amount permitted under Section 251(b)(1) of the Act) and available only:
 - i. to the same End User; and
 - ii. at that same End User's existing location;
 - iii. both as of February 2, 2020.

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- 3. Intentionally Left Blank.
- 4. As of February 2, 2020, CLEC may no longer order 2-Wire Analog UNE Loops or 4-Wire Analog UNE Loops ("Analog Loops") pursuant to this Agreement. Any existing Analog Loops ordered on or before February 1, 2020 ("Analog Loop Embedded Base") are grandfathered until August 2, 2022. CLEC shall convert the Analog Loop Embedded Base to a commercial offering, or other comparable service, or disconnect such Analog Loop on, or before, August 1, 2022. Exhibit A to this Amendment contains Analog Loop element descriptions and USOCs that are subject to the FCC UNE and Resale Forbearance Order, however this Agreement may also contain additional and/or older element descriptions and USOCs that are also Analog Loops subject to the FCC UNE and Resale Forbearance Order. Also, to the extent Exhibit A contains UNE descriptions or USOCs that are not affected by the FCC UNE and Resale Forbearance Order, such UNEs and USOCs are listed solely for the convenience of the Parties and this Section 4 shall not alter the Parties' rights and obligations with respect to such UNEs and USOCs.
 - a. To the extent CLEC fails to adhere to the above AT&T, at AT&T's sole discretion, may take one or more of the following actions for any remaining Analog Loops and CLEC will be responsible for all recurring and non-recurring charges:
 - i. convert to an analogous 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) that applies under (i) or (ii) above, or
 - iv. disconnect.
 - b. AT&T reserves the right, subject to any backbilling limitation period set forth in the Agreement, to backbill CLEC for the difference between an Analog Loop rate and the non-UNE rate that applies under this Section 4 for any new Analog Loops inadvertently ordered on or after February 2, 2020, and any Analog Loop Embedded Base remaining as of August 1, 2022.
 - c. AT&T's election to reprice the Analog Loop shall not preclude AT&T from later converting the Analog Loop to an analogous arrangement available under a separate commercial agreement or an AT&T tariff or guidebook service.
- 5. As of January 12, 2020, CLEC may no longer order DS1/DS3 Unbundled Dedicated Transport ("DS1/DS3 UDT"), whether stand-alone or part of a combination (e.g., Enhanced Extended Link), pursuant to this Agreement between Tier 1 wire centers and/or wire centers subject to UDT forbearance under Public Notice DA 19-733, dated August 1, 2019. Any such existing DS1/DS3 UDT ordered on or before January 11, 2020, is grandfathered until July 12, 2022 ("UDT Embedded Base").
 - i. CLEC must disconnect or convert any grandfathered DS1/DS3 UDT to another product/service offering on or before July 12, 2022, pursuant to the Conversion of 251(c)(3) UNE/UNE Combinations to Wholesale Services provisions of this Agreement or other similar provision.
 - ii. If CLEC fails to convert grandfathered DS1/DS3 UDT before July 12, 2022, at AT&T's sole discretion, AT&T may convert any, or all, of the remaining DS1/DS3 UDT to the equivalent Special Access service at month-to-month rates, terms and conditions. CLEC shall be responsible for all associated recurring and non-recurring charges.
 - iii. AT&T reserves the right, to backbill CLEC for the difference between a DS1/DS3 UDT rate and the non-UNE rate that applies under this Section 5 for any new circuits inadvertently ordered on or after January 12, 2020 and any UDT Embedded Base remaining as of July 12, 2022. , AT&T may back bill CLEC for the 12 months prior to the month in which it provides notice to CLEC that it identified a non-compliant circuit and for any additional months the circuit remains non-compliant until AT&T and or CLEC correct the non-compliance.
 - iv. If the FCC determines that additional wire centers are subject to forbearance, CLEC shall cease ordering DS1/DS3 UDT as of the date specified by the FCC and adhere to any FCC-specified transition timelines.
- 6. As of February 8, 2023, CLEC may no longer order new 2-Wire 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. Any existing Digital Loops ordered on or before February 8, 2023 ("Digital Loop Embedded Base") are grandfathered until February 8, 2025. CLEC 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. Also, to the extent Exhibit A contains UNE descriptions or USOCs that are not affected by the FCC UNE Relief Order, such UNEs and USOCs are listed solely for the convenience of the Parties and this Section 6 shall not alter the Parties' rights and obligations with respect to such UNEs and USOCs.

- a. To the extent CLEC 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 CLEC 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) that applies under (i) or (ii) above, or
 - iv. disconnect.
- b. AT&T reserves the right, to backbill CLEC for the difference between the Digital Loop rate and the non-UNE rate that applies under this Section 6 for any new noncompliant Digital Loops inadvertently ordered on or after February 8, 2023, and any Digital Loop Embedded Base remaining as of February 8, 2025. For any new noncompliant Digital Loops inadvertently ordered on or after February 8, 2023, AT&T may back bill CLEC for the 12 months prior to the month in which it provides notice to CLEC that it identified a non-compliant circuit and for any additional months the circuit remains non-compliant until AT&T and or CLEC correct the non-compliance.
- 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% for the period from February 08, 2024 through February 7, 2025 by providing at least thirty (30) days' advance written notice of any such increase. 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.
- 7. As of February 8, 2023, CLEC may no longer order new DS1 UNE Loops ("DS1 Loops") pursuant to this Agreement in Wire Centers in counties deemed by the FCC to be competitive in the BDS proceeding as listed in the AT&T Guidebook in accordance with the FCC's determinations, 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 August 8, 2024. CLEC shall convert the DS1 Loop Embedded Base to an alternate arrangement, or disconnect such DS1 Loop on or before August 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 Relief Order. Also, to the extent Exhibit A contains UNE descriptions or USOCs that are not affected by the FCC UNE Relief Order, such UNEs and USOCs are listed solely for the convenience of the Parties and this Section 7 shall not alter the Parties' rights and obligations with respect to such UNEs and USOCs.
 - a. To the extent CLEC fails to adhere to the above, AT&T, at AT&T's sole discretion, may take one or more of the following actions for any remaining DS1 Loops and CLEC 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) that applies under (i) above, or
 - iii. disconnect.

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- b. AT&T reserves the right to backbill CLEC for the difference between the DS1 Loop rate and the non-UNE rate that applies under this Section 7 for any new noncompliant DS1 Loops inadvertently ordered on or after February 8, 2023, and any DS1 Loop Embedded Base remaining as of August 8, 2024. For any new noncompliant DS1 Loops inadvertently ordered on or after February 8, 2023, AT&T may back bill CLEC for the 12 months prior to the month in which it provides notice to CLEC that it identified a non-compliant circuit and for any additional months the circuit remains non-compliant until AT&T and or CLEC correct the non-compliance.
- 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.
- 8. As of February 8, 2021, CLEC may no longer order new DS3 UNE Loops ("DS3 Loops") pursuant to this Agreement in Wire Centers in counties deemed by the FCC to be competitive in the BDS proceeding as listed in the AT&T Guidebook in accordance with the FCC's determinations, which may change from time to time.. Any existing DS3 Loops described in the preceding sentence that CLEC ordered on or before February 8, 2021 ("DS3 Loop Embedded Base") are grandfathered until February 8, 2024. CLEC 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 Relief Order. Also, to the extent Exhibit A contains UNE descriptions or USOCs that are not affected by the FCC UNE Relief Order, such UNEs and USOCs are listed solely for the convenience of the Parties and this Section 8 shall not alter the Parties' rights and obligations with respect to such UNEs and USOCs.
 - a. To the extent CLEC 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 CLEC will be responsible for all recurring and non-recurring charges:
 - 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) that applies under (i) above, or
 - iii. disconnect.
 - b. AT&T reserves the right, to backbill CLEC for the difference between the DS3 Loop rate and the non-UNE rate that applies under this Section 8 for any new noncompliant DS3 Loops inadvertently ordered on or after February 8, 2021, and any DS3 Loop Embedded Base remaining as of February 8, 2024. For any new noncompliant DS3 Loops inadvertently ordered on or after February 8, 2021, AT&T may back bill CLEC for the 12 months prior to the month in which it provides notice to CLEC that it identified a non-compliant circuit and for any additional months the circuit remains non-compliant until AT&T and or CLEC correct the non-compliance.
 - c. AT&T's election to reprice the DS3 Loop shall not preclude AT&T from later converting the DS3 Loop to a DS3 arrangement available under a separate AT&T tariff or guidebook service.
- 9. As of February 8, 2021, CLEC may no longer order new UNE Dark Fiber Transport ("DFT") pursuant to this Agreement where the dark fiber transport is connected, at both ends of the transport route, 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 described in the preceding sentence that CLEC ordered before February 8, 2021 ("Dark Fiber Transport Embedded Base") is grandfathered until February 8, 2029. CLEC 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. Also, to the extent Exhibit A contains UNE descriptions or USOCs that are not affected by the FCC UNE Relief Order, such UNEs and USOCs are listed solely for the convenience of the Parties and this Section 9 shall not alter the Parties' rights and obligations with respect to such UNEs and USOCs. If the FCC determines that additional wire centers are subject to forbearance, CLEC shall cease ordering DFT as of the date specified by the FCC and adhere to any FCC-specified transition timelines.

Amendment – FCC UNE and Resale Forbearance includes FCC UNE Forbearance (Additional Relief)/AT&T-21STATE Page 5 of 5

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- a. To the extent CLEC fails to adhere to the above, AT&T, at AT&T's sole discretion, may take one or more of the following actions for any remaining UNE Dark Fiber Transport and CLEC 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) that applies under (i) above, or
 - iii. disconnect.
- b. AT&T reserves the right, subject to any backbilling limitation period set forth in the Agreement, to backbill CLEC for the difference between an UNE Dark Fiber Transport rate and the non-UNE rate that applies under this Section 9 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.
- 10. As of February 8, 2021, CLEC may no longer order new UNE Subloops or UNE Network Interface Devices (NIDs) pursuant to this Agreement.
- 11. As of February 8, 2021, CLEC may no longer covert existing Special Access circuits (as defined, ordered, and provisioned in AT&T ILEC's interstate and/or intrastate tariffs) to UNEs.
- 12. To facilitate mutual planning by the Parties, CLEC shall endeavor to provide a non-binding forecast of the total number of Unbundled Loops in its embedded customer base that it plans to migrate to an alternate product or service. CLEC 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.
- 13. Any future forbearance from or rule changes for Section 251(c)(3) UNEs offered pursuant to this Agreement shall be incorporated by reference as of the effective date of the FCC order and shall not require a written amendment. AT&T shall provide Notice to CLEC of how the Parties will implement the subsequent UNE forbearance or rule change in accordance with the applicable FCC order. Notice will include applicable transition periods and any changes to rate(s), term(s) and/or condition(s) to the underlying Agreement.
- 15. This Amendment shall be deemed to revise the terms and provisions of the Agreement only 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 the Agreement (including all incorporated or accompanying Appendices, Addenda, and Exhibits to the Agreement), this Amendment shall govern, provided, however, that the fact that a term or provision appears in this Amendment but not in the Agreement, or in the Agreement but not in this Amendment, shall not be interpreted as, or deemed grounds for finding, a conflict for purposes of this Amendment.
- 16. 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.
- 17. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
- 18. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
- 19. 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 counterparts shall together constitute one and the same instrument.

Exhibit B – List of Agreements

AT&TILEC("AT&T")	CARRIER Legal Name	Contract Type	Approval Date
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	XO Communication Services, LLC	Interconnection	3/21/06
Bellsouth Telecommunications, LLC d/b/a AT&T ALABAMA	XO Communication Services, LLC	Interconnection	3/2/04
Bellsouth Telecommunications, LLC d/b/a AT&T FLORIDA	XO Communication Services, LLC	Interconnection	6/28/10
Bellsouth Telecommunications, LLC d/b/a AT&T GEORGIA	XO Communication Services, LLC	Interconnection	8/9/02
Bellsouth Telecommunications, LLC d/b/a AT&T KENTUCKY	XO Communication Services, LLC	Interconnection	9/29/03
Bellsouth Telecommunications, LLC d/b/a AT&T LOUISIANA	XO Communication Services, LLC	Interconnection	11/29/03
Bellsouth Telecommunications, LLC d/b/a AT&T MISSISSIPPI	XO Communication Services, LLC	Interconnection	6/30/03
Bellsouth Telecommunications, LLC d/b/a AT&T NORTH CAROLINA	XO Communication Services, LLC	Interconnection	6/19/03
Bellsouth Telecommunications, LLC d/b/a AT&T SOUTH CAROLINA	XO Communication Services, LLC	Interconnection	2/26/04
Bellsouth Telecommunications, LLC d/b/a AT&T TENNESSEE	XO Communication Services, LLC	Interconnection	6/21/04

AT&TILEC("AT&T")	CARRIER Legal Name	Contract Type	Approval Date
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	XO Communication Services, LLC	Interconnection	10/24/05
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	XO Communication Services, LLC	Interconnection	8/12/05
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	XO Communication Services, LLC	Interconnection	10/20/06
Southwestern Bell Telephone Company d/b/a AT&TTEXAS	XO Communication Services, LLC	Interconnection	8/29/05
Illinois Bell Telephone Company d/b/a AT&TILLINOIS	XO Communication Services, LLC	Interconnection	1/24/02
Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA	XO Communication Services, LLC	Interconnection	6/10/10
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	XO Communication Services, LLC	Interconnection	1/8/02
The Ohio Bell Telephone Company d/b/a AT&T OHIO	XO Communication Services, LLC	Interconnection	2/1/02
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	XO Communication Services, LLC	Interconnection	3/1/04
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	XO Communication Services, LLC	Interconnection	3/1/00

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
Attacimient	Otate	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-	COO (Class of Get vice)	0000	20116
13	TN	LOOP	Zone 1	UEANL	UEAL2	1
		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-			
13	TN	LOOP	Zone 1 [DISCONNECT] (USOC=UEAL2)	UEANL	SOMAN	1
		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-			
13	TN	LOOP	Zone 1 (USOC=UEAL2)	UEANL	SOMAN	1
		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-			
13	TN	LOOP	Zone 1 [DISCONNECT]	UEANL	UEAL2	1
		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-			_
13	TN	UNBUNDLED EXCHANGE ACCESS	Zone 2	UEANL	UEAL2	2
13	TN	LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT] (USOC=UEAL2)	UEANL	SOMAN	2
13	IIN	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-	UEANL	SUMAN	
13	TN	LOOP	Zone 2 (USOC=UEAL2)	UEANL	SOMAN	2
10	111	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-	OE/WE	JOHAN	
13	TN	LOOP	Zone 2 [DISCONNECT]	UEANL	UEAL2	2
		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-	92, 12		
13	TN	LOOP	Zone 3	UEANL	UEAL2	3
		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-			
13	TN	LOOP	Zone 3 [DISCONNECT] (USOC=UEAL2)	UEANL	SOMAN	3
		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-			
13	TN	LOOP	Zone 3 (USOC=UEAL2)	UEANL	SOMAN	3
		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-			
13	TN	UNBUNDLED EXCHANGE ACCESS	Zone 3 [DISCONNECT] 2-Wire Analog Voice Grade Loop - Service Level 1-	UEANL	UEAL2	3
12	TN	LOOP	Z-wire Arialog voice Grade Loop - Service Level 1-	UEANL	UEASL	1
13	LIN	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-	UEAINL	UEASL	I
13	TN	LOOP	Zone 1 [DISCONNECT] (USOC=UEASL)	UEANL	SOMAN	1
10	114	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-	OL/MIL	John	-
13	TN	LOOP	Zone 1 (USOC=UEASL)	UEANL	SOMAN	1
-		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-			
13	TN	LOOP	Zone 1 [DISCONNECT]	UEANL	UEASL	1
		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-			
13	TN	LOOP	Zone 2	UEANL	UEASL	2
		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-			
13	TN	LOOP	Zone 2 [DISCONNECT] (USOC=UEASL)	UEANL	SOMAN	2
40	TNI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-	LIFANI	COMAN	•
13	TN	UNBUNDLED EXCHANGE ACCESS	Zone 2 (USOC=UEASL) 2-Wire Analog Voice Grade Loop - Service Level 1-	UEANL	SOMAN	2
13	TN	LOOP	Zone 2 [DISCONNECT]	UEANL	UEASL	2
13	LIN	LUUF	LOUIS 2 [DISCONNECT]	UEAINL	UEASL	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
40	TNI	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-	LIE AND	LIEAGI	
13	TN	LOOP UNBUNDLED EXCHANGE ACCESS	Zone 3 2-Wire Analog Voice Grade Loop - Service Level 1-	UEANL	UEASL	3
13	TN	LOOP	Zone 3 [DISCONNECT] (USOC=UEASL)	UEANL	SOMAN	3
.0		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-	0 27 11 12		
13	TN	LOOP	Zone 3 (USOC=UEASL)	UEANL	SOMAN	3
		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Service Level 1-			
13	TN	LOOP UNBUNDLED EXCHANGE ACCESS	Zone 3 [DISCONNECT]	UEANL	UEASL	3
13	TN	LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
13	IIN	LOOP	Coordination for OVE-SETS (per 100p)	OEANL	UEAIVIC	
		UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Voice Grade Loop - Order Coordination			
13	TN	LOOP	for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
		UNBUNDLED EXCHANGE ACCESS				
13	TN	LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
13	IIN	UNBUNDLED EXCHANGE ACCESS	Bulk Migration Order Coordination, per 2 Wire Voice	OEANL	UNEFIN	
13	TN	LOOP	Loop-SL1	UEANL	UREPM	
		UNBUNDLED EXCHANGE ACCESS				
14	TN	LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
		UNBUNDLED EXCHANGE ACCESS	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	LIEO.		
14	TN	LOOP UNBUNDLED EXCHANGE ACCESS	[DISCONNECT] (USOC=UEQ2X) 2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	SOMAN	1
14	TN	LOOP	(USOC=UEQ2X)	UEQ	SOMAN	1
17	111	UNBUNDLED EXCHANGE ACCESS	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	OLQ	COMAIN	
14	TN	LOOP	[DISCONNECT]	UEQ	UEQ2X	1
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled Copper Loop - Non-Designed - Zone			
14	TN	LOOP	2	UEQ	UEQ2X	2
4.4	TNI	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone	UEQ	COMAN	
14	TN	UNBUNDLED EXCHANGE ACCESS	2 [DISCONNECT] (USOC=UEQ2X) 2 Wire Unbundled Copper Loop - Non-Designed - Zone	UEQ	SOMAN	2
14	TN	LOOP	2 (USOC=UEQ2X)	UEQ	SOMAN	2
-		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled Copper Loop - Non-Designed - Zone			
14	TN	LOOP	2 [DISCONNECT]	UEQ	UEQ2X	2
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled Copper Loop - Non-Designed - Zone			_
14	TN	LOOP UNBUNDLED EXCHANGE ACCESS	3	UEQ	UEQ2X	3
1.4	TN	LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT] (USOC=UEQ2X)	UEQ	SOMAN	3
14	LIN	LUUF	S [DISCONNECT] (USOC=UEQZX)	UEQ	SUMAN	3

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 (USOC=UEQ2X)	UEQ	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X	3
14R-CU	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
14R-CU	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
14R-CU	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour 2 Wire Unbundled Copper Loop - Manual Order	UEQ	URETA	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Coordination 2 Wire Unbundled Copper Loop - Non- Designed (per loop)	UEQ	USBMC	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URESL	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0) [DISCONNECT] (USOC=URESL)	UEA	SOMAN	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0) (USOC=URESL)	UEA	SOMAN	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT] (USOC=UEAL4)	UEA	SOMAN	1

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Voice Grade Loop - Zone 1			
13	TN	LOOP	(USOC=UEAL4)	UEA	SOMAN	1
40		UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Voice Grade Loop - Zone 1	LIEA	115414	
13	TN	UNBUNDLED EXCHANGE ACCESS	[DISCONNECT]	UEA	UEAL4	1
13	TN	I OOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
13	111	UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Voice Grade Loop - Zone 2	OLA	OLALT	
13	TN	LOOP	[DISCONNECT] (USOC=UEAL4)	UEA	SOMAN	2
		UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Voice Grade Loop - Zone 2			
13	TN	LOOP	(USOC=UEAL4)	UEA	SOMAN	2
		UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Voice Grade Loop - Zone 2			
13	TN	LOOP	[DISCONNECT]	UEA	UEAL4	2
		UNBUNDLED EXCHANGE ACCESS				_
13	TN	LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
40		UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Voice Grade Loop - Zone 3	1154	0014411	
13	TN	UNBUNDLED EXCHANGE ACCESS	[DISCONNECT] (USOC=UEAL4) 4-Wire Analog Voice Grade Loop - Zone 3	UEA	SOMAN	3
13	TN	LOOP	(USOC=UEAL4)	UEA	SOMAN	3
13	IIN	UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Voice Grade Loop - Zone 3	OLA	SOWAIN	3
13	TN	LOOP	[DISCONNECT]	UEA	UEAL4	3
	1					
		UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Voice Grade Loop - Switch-As-Is			
13	TN	LOOP	Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URESL	
			4-Wire Analog Voice Grade Loop - Switch-As-Is			
		UNBUNDLED EXCHANGE ACCESS	Conversion rate per UNE Loop, Single LSR, (per DS0)			
13	TN	LOOP	[DISCONNECT] (USOC=URESL)	UEA	SOMAN	
		UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)			
13	TN	LOOP	(USOC=URESL)	UEA	SOMAN	
13	IIN	LOOP	(USOC=URESL)	UEA	SOWAN	
		UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Voice Grade Loop - Switch-As-Is			
13	TN	LOOP	Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
	1	UNBUNDLED EXCHANGE ACCESS	22 22 22 22 22 22 22 22 22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	··		
13	TN	LOOP	2-Wire ISDN Digital Grade Loop - Zone 1	UDN	U1L2X	1
		UNBUNDLED EXCHANGE ACCESS	2-Wire ISDN Digital Grade Loop - Zone 1			
13	TN	LOOP	[DISCONNECT] (USOC=U1L2X)	UDN	SOMAN	1
		UNBUNDLED EXCHANGE ACCESS	2-Wire ISDN Digital Grade Loop - Zone 1			
13	TN	LOOP	(USOC=U1L2X)	UDN	SOMAN	1
40	TNI	UNBUNDLED EXCHANGE ACCESS	2-Wire ISDN Digital Grade Loop - Zone 1	LIDNI	LIMION	4
13	TN	LOOP	[DISCONNECT]	UDN	U1L2X	1

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		UNBUNDLED EXCHANGE ACCESS				
13	TN	LOOP	2-Wire ISDN Digital Grade Loop - Zone 2	UDN	U1L2X	2
40		UNBUNDLED EXCHANGE ACCESS	2-Wire ISDN Digital Grade Loop - Zone 2	UDNI	201111	
13	TN	LOOP UNBUNDLED EXCHANGE ACCESS	[DISCONNECT] (USOC=U1L2X) 2-Wire ISDN Digital Grade Loop - Zone 2	UDN	SOMAN	2
13	TN	LOOP	(USOC=U1L2X)	UDN	SOMAN	2
13	IIN	UNBUNDLED EXCHANGE ACCESS	2-Wire ISDN Digital Grade Loop - Zone 2	ODN	SUMAN	
13	TN	LOOP	[DISCONNECT]	UDN	U1L2X	2
10	111	UNBUNDLED EXCHANGE ACCESS	[DIGOGINIZOT]	ODIV	OTEZX	
13	TN	LOOP	2-Wire ISDN Digital Grade Loop - Zone 3	UDN	U1L2X	3
		UNBUNDLED EXCHANGE ACCESS	2-Wire ISDN Digital Grade Loop - Zone 3			
13	TN	LOOP	[DISCONNECT] (USOC=U1L2X)	UDN	SOMAN	3
		UNBUNDLED EXCHANGE ACCESS	2-Wire ISDN Digital Grade Loop - Zone 3			
13	TN	LOOP	(USOC=U1L2X)	UDN	SOMAN	3
		UNBUNDLED EXCHANGE ACCESS	2-Wire ISDN Digital Grade Loop - Zone 3			
13	TN	LOOP	[DISCONNECT]	UDN	U1L2X	3
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled ADSL Loop including manual service		1141.61/	
14	TN	LOOP	inquiry & facility reservation - Zone 1 2 Wire Unbundled ADSL Loop including manual service	UAL	UAL2X	1
		UNBUNDLED EXCHANGE ACCESS	inquiry & facility reservation - Zone 1 [DISCONNECT]			
14	TN	LOOP	(USOC=UAL2X)	UAL	SOMAN	1
14	IIN	LOOF	(USOC=UALZX)	OAL	SOWAN	I
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled ADSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 1 (USOC=UAL2X)	UAL	SOMAN	1
· ·	1		1. / 5			•
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled ADSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 1 [DISCONNECT]	UAL	UAL2X	1
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled ADSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 2	UAL	UAL2X	2
		INDIAN ED EVOLUCIO : COSTO	2 Wire Unbundled ADSL Loop including manual service			
4.4		UNBUNDLED EXCHANGE ACCESS	inquiry & facility reservation - Zone 2 [DISCONNECT]			_
14	TN	LOOP	(USOC=UAL2X)	UAL	SOMAN	2
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled ADSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 2 (USOC=UAL2X)	UAL	SOMAN	2
14	IIN		inquity & racility reservation - Zone 2 (USOC=UALZA)	UAL	JOIVIAIN	
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled ADSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 2 [DISCONNECT]	UAL	UAL2X	2
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled ADSL Loop including manual service			_
14	TN	LOOP	inquiry & facility reservation - Zone 3	UAL	UAL2X	3

Template Version: - 1Q13 - ICA-ISP FCC ICC - 01/18/13

System Version: 1/18/2013

Attachmant	01-1-	Product	Data Flamout Bassintian	000 (01 (0	11000	7
Attachment	State	Product	Rate Element Description 2 Wire Unbundled ADSL Loop including manual service	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	inquiry & facility reservation - Zone 3 [DISCONNECT] (USOC=UAL2X)	UAL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3 (USOC=UAL2X)	UAL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UAL	UAL2X	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservation - Zone 1	UAL	UAL2W	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservation - Zone 1 [DISCONNECT] (USOC=UAL2W)	UAL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1 (USOC=UAL2W)	UAL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UAL	UAL2W	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservation - Zone 2	UAL	UAL2W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservation - Zone 2 [DISCONNECT] (USOC=UAL2W)	UAL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2 (USOC=UAL2W)	UAL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2 [DISCONNECT]	UAL	UAL2W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservation - Zone 3	UAL	UAL2W	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservation - Zone 3 [DISCONNECT] (USOC=UAL2W)	UAL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservation - Zone 3 (USOC=UAL2W)	UAL	SOMAN	3

Attachment	Ctoto	Product	Rate Element Description	COS (Class of Service)	USOC	Zana
Attachment	State	Product	Rate Element Description	COS (Class of Service)	0300	Zone
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled ADSL Loop without manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 3 [DISCONNECT]	UAL	UAL2W	3
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 1	UHL	UHL2X	1
			2 Wire Unbundled HDSL Loop including manual service			
4.4		UNBUNDLED EXCHANGE ACCESS	inquiry & facility reservation - Zone 1 [DISCONNECT]		001441	
14	TN	LOOP	(USOC=UHL2X)	UHL	SOMAN	1
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 1 (USOC=UHL2X)	UHL	SOMAN	1
			inquity a radimy recentation. Zone 1 (2000–211227)	0.12		
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2X	1
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 2	UHL	UHL2X	2
		LINDUNDI ED EVOLIANOE ACCECO	2 Wire Unbundled HDSL Loop including manual service			
14	TN	UNBUNDLED EXCHANGE ACCESS	inquiry & facility reservation - Zone 2 [DISCONNECT] (USOC=UHL2X)	UHL	SOMAN	2
14	IIN	LOOP	(USUC=UHLZX)	UHL	SOMAN	
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 2 (USOC=UHL2X)	UHL	SOMAN	2
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2X	2
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 3	UHL	UHL2X	3
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]			
14	TN	LOOP	(USOC=UHL2X)	UHL	SOMAN	3
14	IIN	LOOI	(USUG-UTILZA)	OFIL	SOIVIAIN	3
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 3 (USOC=UHL2X)	UHL	SOMAN	3
		_				
	_	UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry & facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2X	3
4.4		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled HDSL Loop without manual service	11111	1 11 11 0)//	1
14	TN	LOOP	inquiry and facility reservation - Zone 1	UHL	UHL2W	1

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT] (USOC=UHL2W)	UHL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 (USOC=UHL2W)	UHL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2W	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL2W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT] (USOC=UHL2W)	UHL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 (USOC=UHL2W)	UHL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL2W	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT] (USOC=UHL2W)	UHL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 (USOC=UHL2W)	UHL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2W	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1	UHL	UHL4X	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1 [DISCONNECT] (USOC=UHL4X)	UHL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1 (USOC=UHL4X)	UHL	SOMAN	1

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		LINDUNDUED EVOLUNDE ACCESS	4347			
4.4		UNBUNDLED EXCHANGE ACCESS	4 Wire Unbundled HDSL Loop including manual service	100	1 11 11 437	
14	TN	LOOP UNBUNDLED EXCHANGE ACCESS	inquiry and facility reservation - Zone 1 [DISCONNECT] 4-Wire Unbundled HDSL Loop including manual service	UHL	UHL4X	1
14		LOOP	inquiry and facility reservation - Zone 2	UHL	1 11 11 437	
14	TN	LOOP	4-Wire Unbundled HDSL Loop including manual service	UHL	UHL4X	2
		UNBUNDLED EXCHANGE ACCESS	inquiry and facility reservation - Zone 2 [DISCONNECT]			
14	TN	LOOP	(USOC=UHL4X)	UHL	SOMAN	2
14	IIN	LOOP	(USOC=UHL4X)	UNL	SOIVIAIN	
		UNBUNDLED EXCHANGE ACCESS	4-Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry and facility reservation - Zone 2 (USOC=UHL4X)	UHL	SOMAN	2
14	IIN	1001	inquity and facility reservation - Zone Z (0300=011E4X)	OFIL	JOWAN	
		UNBUNDLED EXCHANGE ACCESS	4-Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4X	2
17	111	UNBUNDLED EXCHANGE ACCESS	4-Wire Unbundled HDSL Loop including manual service	OFFE	OFILTA	
14	TN	LOOP	inquiry and facility reservation - Zone 3	UHL	UHL4X	3
' '		2001	4-Wire Unbundled HDSL Loop including manual service	OTIL	OTILIX	+
		UNBUNDLED EXCHANGE ACCESS	inquiry and facility reservation - Zone 3 [DISCONNECT]			
14	TN	LOOP	(USOC=UHL4X)	UHL	SOMAN	3
			(6666 6112111)			+ -
		UNBUNDLED EXCHANGE ACCESS	4-Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry and facility reservation - Zone 3 (USOC=UHL4X)	UHL	SOMAN	3
		UNBUNDLED EXCHANGE ACCESS	4-Wire Unbundled HDSL Loop including manual service			
14	TN	LOOP	inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4X	3
		UNBUNDLED EXCHANGE ACCESS	4-Wire Unbundled HDSL Loop without manual service			
14	TN	LOOP	inquiry and facility reservation - Zone 1	UHL	UHL4W	1
			4-Wire Unbundled HDSL Loop without manual service			
		UNBUNDLED EXCHANGE ACCESS	inquiry and facility reservation - Zone 1 [DISCONNECT]			
14	TN	LOOP	(USOC=UHL4W)	UHL	SOMAN	1
			4-Wire Unbundled HDSL Loop without manual service			
		UNBUNDLED EXCHANGE ACCESS	inquiry and facility reservation - Zone 1			
14	TN	LOOP	(USOC=UHL4W)	UHL	SOMAN	1
		LINDING ED EVOLUNGE AGGEST	4.00			
		UNBUNDLED EXCHANGE ACCESS	4-Wire Unbundled HDSL Loop without manual service			
14	TN	LOOP	inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4W	1
4.4		UNBUNDLED EXCHANGE ACCESS	4-Wire Unbundled HDSL Loop without manual service	111.0	11111 4147	_
14	TN	LOOP	inquiry and facility reservation - Zone 2	UHL	UHL4W	2

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
Attacimient	Otate	Troduct	4-Wire Unbundled HDSL Loop without manual service	COO (Class of Get vice)	0000	20116
		UNBUNDLED EXCHANGE ACCESS	inquiry and facility reservation - Zone 2 [DISCONNECT]			
14	TN	LOOP	(USOC=UHL4W)	UHL	SOMAN	2
		UNBUNDLED EXCHANGE ACCESS	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2			
14	TN	LOOP	(USOC=UHL4W)	UHL	SOMAN	2
		2001	(SSSS-SHETTY)	0.12	00	
		UNBUNDLED EXCHANGE ACCESS	4-Wire Unbundled HDSL Loop without manual service			
14	TN	LOOP	inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL4W	3
17	111	1001	4-Wire Unbundled HDSL Loop without manual service	OHE	OFILTY	+ 3 +
		UNBUNDLED EXCHANGE ACCESS	inquiry and facility reservation - Zone 3 [DISCONNECT]			
14	TN	LOOP	(USOC=UHL4W)	UHL	SOMAN	3
		UNBUNDLED EXCHANGE ACCESS	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3			
14	TN	LOOP	(USOC=UHL4W)	UHL	SOMAN	3
		2001	(SSSS-SHETTY)	0.12	00	
		UNBUNDLED EXCHANGE ACCESS	4-Wire Unbundled HDSL Loop without manual service			
14	TN	LOOP	inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4W	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1	USL	USLXX	1
13	111	UNBUNDLED EXCHANGE ACCESS	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	OOL	OOLAX	-
13	TN	LOOP	(USOC=USLXX)	USL	SOMAN	1
		UNBUNDLED EXCHANGE ACCESS				
13	TN	LOOP UNBUNDLED EXCHANGE ACCESS	4-Wire DS1 Digital Loop - Zone 1 (USOC=USLXX)	USL	SOMAN	1
13	TN	LOOP	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	USL	USLXX	1
		UNBUNDLED EXCHANGE ACCESS		~ ~ ~		
13	TN	LOOP	4-Wire DS1 Digital Loop - Zone 2	USL	USLXX	2
40		UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	USL	COMAN	,
13	TN	UNBUNDLED EXCHANGE ACCESS	(USOC=USLXX)	USL	SOMAN	2
13	TN	LOOP	4-Wire DS1 Digital Loop - Zone 2 (USOC=USLXX)	USL	SOMAN	2
		UNBUNDLED EXCHANGE ACCESS				
13	TN	LOOP	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	USL	USLXX	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3	USL	USLXX	3
10	1111	UNBUNDLED EXCHANGE ACCESS	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	UUL	USLAA	+ 3
13	TN	LOOP	(USOC=USLXX)	USL	SOMAN	3

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		UNBUNDLED EXCHANGE ACCESS				
13	TN	LOOP	4-Wire DS1 Digital Loop - Zone 3 (USOC=USLXX)	USL	SOMAN	3
		UNBUNDLED EXCHANGE ACCESS				
13	TN	LOOP	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	USL	USLXX	3
40		UNBUNDLED EXCHANGE ACCESS	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate	1101	LIDEOL	
13	TN	LOOP UNBUNDLED EXCHANGE ACCESS	per UNE Loop, Single LSR, (per DS1) 4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate	USL	URESL	
13	TN	LOOP	per UNE Loop, Spreadsheet, (per DS1)	USL	URESP	
13	IIN	UNBUNDLED EXCHANGE ACCESS	2-Wire Unbundled Copper Loop-Designed including	USL	UNESF	
14	TN	LOOP	manual service inquiry & facility reservation - Zone 1	UCL	UCLPB	1
		2001	2-Wire Unbundled Copper Loop-Designed including	002	OOL! D	
		UNBUNDLED EXCHANGE ACCESS	manual service inquiry & facility reservation - Zone 1			
14	TN	LOOP	[DISCONNECT] (USOC=UCLPB)	UCL	SOMAN	1
			2-Wire Unbundled Copper Loop-Designed including			
		UNBUNDLED EXCHANGE ACCESS	manual service inquiry & facility reservation - Zone 1			
14	TN	LOOP	(USOC=UCLPB)	UCL	SOMAN	1
			2-Wire Unbundled Copper Loop-Designed including			
		UNBUNDLED EXCHANGE ACCESS	manual service inquiry & facility reservation - Zone 1			
14	TN	LOOP	[DISCONNECT]	UCL	UCLPB	1
		UNBUNDLED EXCHANGE ACCESS	2-Wire Unbundled Copper Loop-Designed including		1101.55	
14	TN	LOOP	manual service inquiry & facility reservation - Zone 2	UCL	UCLPB	2
		UNBUNDLED EXCHANGE ACCESS	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2			
14	TN	LOOP	[DISCONNECT] (USOC=UCLPB)	UCL	SOMAN	2
14	IIN	LOOP	2-Wire Unbundled Copper Loop-Designed including	UCL	SOWAN	
		UNBUNDLED EXCHANGE ACCESS	manual service inquiry & facility reservation - Zone 2			
14	TN	LOOP	(USOC=UCLPB)	UCL	SOMAN	2
			2-Wire Unbundled Copper Loop-Designed including			
		UNBUNDLED EXCHANGE ACCESS	manual service inquiry & facility reservation - Zone 2			
14	TN	LOOP	[DISCONNECT]	UCL	UCLPB	2
		UNBUNDLED EXCHANGE ACCESS	2 Wire Unbundled Copper Loop-Designed including			
14	TN	LOOP	manual service inquiry & facility reservation - Zone 3	UCL	UCLPB	3
			2 Wire Unbundled Copper Loop-Designed including			
		UNBUNDLED EXCHANGE ACCESS	manual service inquiry & facility reservation - Zone 3		_	
14	TN	LOOP	[DISCONNECT] (USOC=UCLPB)	UCL	SOMAN	3
		LINDUNDLED EVOLUNDE ACCESS	2 Wire Unbundled Copper Loop-Designed including			
4.4		UNBUNDLED EXCHANGE ACCESS	manual service inquiry & facility reservation - Zone 3	LIC!	001111	_
14	TN	LOOP	(USOC=UCLPB)	UCL	SOMAN	3

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPB	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCLPW	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT] (USOC=UCLPW)	UCL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 (USOC=UCLPW)	UCL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPW	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCLPW	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT] (USOC=UCLPW)	UCL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 (USOC=UCLPW)	UCL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPW	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCLPW	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT] (USOC=UCLPW)	UCL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 (USOC=UCLPW)	UCL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPW	3

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Attachment	State	Product UNBUNDLED EXCHANGE ACCESS	Rate Element Description 2-Wire Unbundled Copper Loop - Order Coordination	COS (Class of Service)	USOC	Zone
15	TN	LOOP	for Unbundled Copper Loops (per loop)	UCL	UCLMC	
		UNBUNDLED EXCHANGE ACCESS	4-Wire Copper Loop-Designed including manual service		000000	
14	TN	LOOP	inquiry and facility reservation - Zone 1	UCL	UCL4S	1
		UNBUNDLED EXCHANGE ACCESS	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]			
14	TN	LOOP	(USOC=UCL4S)	UCL	SOMAN	1
17	111	1001	(0000-001-0)	OOL	JOWAN	1
		UNBUNDLED EXCHANGE ACCESS	4-Wire Copper Loop-Designed including manual service			
14	TN	LOOP	inquiry and facility reservation - Zone 1 (USOC=UCL4S)	UCL	SOMAN	1
		UNBUNDLED EXCHANGE ACCESS	4-Wire Copper Loop-Designed including manual service			
14	TN	LOOP	inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4S	1
	111	UNBUNDLED EXCHANGE ACCESS	4-Wire Copper Loop-Designed including manual service		00210	'
14	TN	LOOP	inquiry and facility reservation - Zone 2	UCL	UCL4S	2
		LINDUNDUED EVOLUNDOE ACCECC	4-Wire Copper Loop-Designed including manual service			
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	inquiry and facility reservation - Zone 2 [DISCONNECT] (USOC=UCL4S)	UCL	SOMAN	2
14	IIN	LOOP	(USUC=UCL43)	UCL	SOWAN	
		UNBUNDLED EXCHANGE ACCESS	4-Wire Copper Loop-Designed including manual service			
14	TN	LOOP	inquiry and facility reservation - Zone 2 (USOC=UCL4S)	UCL	SOMAN	2
		LINDLINDI ED EVOLANCE ACCESS	4-Wire Copper Loop-Designed including manual service			
14	TN	UNBUNDLED EXCHANGE ACCESS	inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4S	2
1-7	111	UNBUNDLED EXCHANGE ACCESS	4-Wire Copper Loop-Designed including manual service	002	00240	
14	TN	LOOP	inquiry and facility reservation - Zone 3	UCL	UCL4S	3
		LINIDLINIDLED EVOLUNIOS ACCESS	4-Wire Copper Loop-Designed including manual service			
14	TN	UNBUNDLED EXCHANGE ACCESS	inquiry and facility reservation - Zone 3 [DISCONNECT] (USOC=UCL4S)	UCL	SOMAN	3
14	1111		(0000-00140)	OOL	JOINAIN	3
		UNBUNDLED EXCHANGE ACCESS	4-Wire Copper Loop-Designed including manual service			
14	TN	LOOP	inquiry and facility reservation - Zone 3 (USOC=UCL4S)	UCL	SOMAN	3
		LINDLINDI ED EVOLIANOT ACCESS	4 Wire Copper Leap Designed including manual action			
14	TN	UNBUNDLED EXCHANGE ACCESS	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4S	3
14	1111	UNBUNDLED EXCHANGE ACCESS	4-Wire Copper Loop-Designed without manual service	UUL	00143	3
14	TN	LOOP	inquiry and facility reservation - Zone 1	UCL	UCL4W	1
			4-Wire Copper Loop-Designed without manual service			
4.4		UNBUNDLED EXCHANGE ACCESS	inquiry and facility reservation - Zone 1 [DISCONNECT]	1101	001141:	
14	TN	LOOP	(USOC=UCL4W)	UCL	SOMAN	1

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 (USOC=UCL4W)	UCL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4W	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCL4W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT] (USOC=UCL4W)	UCL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 (USOC=UCL4W)	UCL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCL4W	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT] (USOC=UCL4W)	UCL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	A-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 (USOC=UCL4W)	UCL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4W	3
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Specified Conversion Time (per LSR)	UEA, UDN, UAL, UHL, UDL, USL	OCOSL	
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1 2-Wire Analog Voice Grade Loop - Service Level 2	NTCVG	UEAL2	1
13	TN	UNE LOOP COMMINGLING	w/Loop or Ground Start Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAL2	1
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
Attacimient	State	Froduct	2-Wire Analog Voice Grade Loop - Service Level 2	COS (Class of Service)	0300	20116
			w/Loop or Ground Start Signaling - Zone 2			
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCVG	UEAL2	2
			2-Wire Analog Voice Grade Loop - Service Level 2			
13	TN	UNE LOOP COMMINGLING	w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
			2-Wire Analog Voice Grade Loop - Service Level 2			
40			w/Loop or Ground Start Signaling - Zone 3	NTOVO	11541.0	
13	TN	UNE LOOP COMMINGLING	[DISCONNECT] 2-Wire Analog Voice Grade Loop - Service Level 2	NTCVG	UEAL2	3
13	TN	UNE LOOP COMMINGLING	w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
13	IIN	ONE LOOP COMMININGLING	Witteverse battery Signaling - Zone 1	MICVG	ULARZ	+ '-
			2-Wire Analog Voice Grade Loop - Service Level 2			
13	TN	UNE LOOP COMMINGLING	w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
			2-Wire Analog Voice Grade Loop - Service Level 2			
13	TN	UNE LOOP COMMINGLING	w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
			2-Wire Analog Voice Grade Loop - Service Level 2	NEOVO		
13	TN	UNE LOOP COMMINGLING	w/Reverse Battery Signaling - Zone 2 [DISCONNECT] 2-Wire Analog Voice Grade Loop - Service Level 2	NTCVG	UEAR2	2
13	TN	UNE LOOP COMMINGLING	w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
13	IIN	ONE LOOP COMMININGLING	Wheverse Battery Signaling - Zone 3	NICVG	UEARZ	
			2-Wire Analog Voice Grade Loop - Service Level 2			
13	TN	UNE LOOP COMMINGLING	w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3
			2-Wire Analog Voice Grade Loop - Switch-As-Is			
13	TN	UNE LOOP COMMINGLING	Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URESL	
			O Militar Angelon Visitar One I. I			
40		LINE LOOP COMMINOLING	2-Wire Analog Voice Grade Loop - Switch-As-Is	NTO (O	LIDEOD	
13	TN	UNE LOOP COMMINGLING	Conversion rate per UNE Loop, Spreadsheet, (per DS0) 2-Wire Analog Voice Grade Loop - Loop Tagging -	NTCVG	URESP	
13	TN	UNE LOOP COMMINGLING	Service Level 2 (SL2)	NTCVG	URETL	
13	TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
	114	Cite Eddi Gdimmindeling	4-Wire Analog Voice Grade Loop - Zone 1	111000	OL/(LT	+ '
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCVG	UEAL4	1
13	TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
			4-Wire Analog Voice Grade Loop - Zone 2			
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCVG	UEAL4	2
13	TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
40		LINE LOOP COMMUNICUING	4-Wire Analog Voice Grade Loop - Zone 3	NITOVO	1154	
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCVG	UEAL4	3

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			4-Wire Analog Voice Grade Loop - Switch-As-Is			
13	TN	UNE LOOP COMMINGLING	Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URESL	
					0.1.202	
			4-Wire Analog Voice Grade Loop - Switch-As-Is			
13	TN	UNE LOOP COMMINGLING	Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1	NTCD1	USLXX	1
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	NTCD1	USLXX	1
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2	NTCD1	USLXX	2
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	NTCD1	USLXX	2
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3	NTCD1	USLXX	3
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	NTCD1	USLXX	3
			4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate			
13	TN	UNE LOOP COMMINGLING	per UNE Loop, Single LSR, (per DS1)	NTCD1	URESL	
			4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate			
13	TN	UNE LOOP COMMINGLING	per UNE Loop, Spreadsheet, (per DS1)	NTCD1	URESP	
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1	NTCUD	UDL2X	1
40			4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1	NECLIB	1151.61/	
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL2X	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2	NTCUD	UDL2X	2
40			4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2	NTOUD	LIBLOY	
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL2X	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone3	NTCUD	UDL2X	3
40			4 Wire Unbundled Digital Loop 2.4 Kbps - Zone3	NECLIB	1151.61/	
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL2X	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1	NTCUD	UDL4X	1
40			4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1	NTOUD	LIBL AV	
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL4X	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2	NTCUD	UDL4X	2
40			4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2	NTOUR	LIBL AV	
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL4X	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3 4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3	NTCUD	UDL4X	3
10	TNI	LINE LOOP COMMUNICUMO		NTOUD	LIDLAY	2
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD NTCUD	UDL4X	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1 4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1	NICUD	UDL9X	1
40	TNI	LINE LOOP COMMUNICUMO		NTOUD	LIDLOY	
13 13	TN	UNE LOOP COMMINGLING UNE LOOP COMMINGLING	[DISCONNECT] 4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2	NTCUD NTCUD	UDL9X UDL9X	2
13	IIN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2 4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2	NICUD	ODL9X	
13	TN	LINE LOOP COMMINGLING	IDISCONNECTI	NTCUD	UDL9X	2
13	LIN	UNE LOOP COMMINGLING	[DISCONNECT]	NICOD	ODEAY	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3	NTCUD	UDL9X	3
			4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3			
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL9X	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1	NTCUD	UDL19	1
			4 Wire Unbundled Digital 19.2 Kbps - Zone 1			
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL19	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2	NTCUD	UDL19	2
			4 Wire Unbundled Digital 19.2 Kbps - Zone 2			
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL19	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3	NTCUD	UDL19	3
			4 Wire Unbundled Digital 19.2 Kbps - Zone 3			
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL19	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1	NTCUD	UDL56	1
			4 Wire Unbundled Digital Loop 56 Kbps - Zone 1			
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL56	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2	NTCUD	UDL56	2
			4 Wire Unbundled Digital Loop 56 Kbps - Zone 2			
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL56	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3	NTCUD	UDL56	3
			4 Wire Unbundled Digital Loop 56 Kbps - Zone 3			
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL56	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1	NTCUD	UDL64	1
			4 Wire Unbundled Digital Loop 64 Kbps - Zone 1			
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL64	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2	NTCUD	UDL64	2
<u></u>			4 Wire Unbundled Digital Loop 64 Kbps - Zone 2			
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL64	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3	NTCUD	UDL64	3
		0.12 200. 00	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3		5225.	
13	TN	UNE LOOP COMMINGLING	[DISCONNECT]	NTCUD	UDL64	3
		0112 2001 0011111111021110	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps -	111005	00201	
			Switch-As-Is Conversion rate per UNE Loop, Single			
13	TN	UNE LOOP COMMINGLING	LSR. (per DS0)	NTCUD	URESL	
10	1	C.T. LOOF CONMINITORING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps -	111000	OILEGE	
			Switch-As-Is Conversion rate per UNE Loop,			
13	TN	UNE LOOP COMMINGLING	Spreadsheet, (per DS0)	NTCUD	URESP	
10	111	CITE ECOI CONNINIII VOLII VO	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps -	141000	UNLOI	
			Order Coordination for Specified Conversion Time (per			
15	TN	UNE LOOP COMMINGLING	LSR)	NTCVG, NTCUD, NTCD1	OCOSL	
10	1111	CIAL FOOI OCIVIINIIIAGEIIAG	LUIN	141040, 141000, 141001	UUUUL	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Basic Time, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVBT	
13	TN	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Overtime, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVOT	
12	TN	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Premium, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	M\\\/DT	
13	IN	MAINTENANCE OF SERVICE	Unbundled Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft, per Unbundled	UAL, UHL, UCL, UEQ, ULS, UEA,	MVVPT	
14	TN	LOOP MODIFICATION	Loop	UEANL, UEPSR, UEPSB	ULM2L	
14	TN	LOOP MODIFICATION	Unbundled Loop Modification Removal of Load Coils - 4 Wire less than or equal to 18K ft, per Unbundled Loop Unbundled Loop Modification Removal of Bridged Tap	UHL, UCL, UEA UAL, UHL, UCL, UEQ, ULS, UEA,	ULM4L	
14	TN	LOOP MODIFICATION	Removal, per unbundled loop Sub-Loop - Per Cross Box Location - CLEC Feeder	UEANL, UEPSR, UEPSB	ULMBT	
13MR-SL	TN	SUB-LOOPS	Facility Set-Up	UEANL, UEF	USBSA	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up [DISCONNECT] (USOC=USBSA)	UEANL, UEF	SOMAN	

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up (USOC=USBSA)	UEANL, UEF	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up	UEANL, UEF	USBSB	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up [DISCONNECT] (USOC=USBSB)	UEANL, UEF	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up (USOC=USBSB)	UEANL, UEF	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up	UEANL	USBSC	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up [DISCONNECT] (USOC=USBSC)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up (USOC=USBSC)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up	UEANL	USBSD	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up [DISCONNECT] (USOC=USBSD)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up (USOC=USBSD)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Statewide	UEANL	USBN2	
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Statewide [DISCONNECT] (USOC=USBN2)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Statewide (USOC=USBN2)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Statewide [DISCONNECT]	UEANL	USBN2	
13	TN	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEANL	USBMC	
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN4	1
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT] (USOC=USBN4)	UEANL	SOMAN	1
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1 (USOC=USBN4)	UEANL	SOMAN	1

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN4	1
TSIVIK-SL	IIN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade	UEANL	USDIN4	I
13MR-SL	TN	SUB-LOOPS	Loop - Zone 2	UEANL	USBN4	2
			Sub-Loop Distribution Per 4-Wire Analog Voice Grade			
13MR-SL	TN	SUB-LOOPS	Loop - Zone 2 [DISCONNECT] (USOC=USBN4)	UEANL	SOMAN	2
			Sub-Loop Distribution Per 4-Wire Analog Voice Grade	-		
13MR-SL	TN	SUB-LOOPS	Loop - Zone 2 (USOC=USBN4)	UEANL	SOMAN	2
40145 01		0.15.1.0050	Sub-Loop Distribution Per 4-Wire Analog Voice Grade			
13MR-SL	TN	SUB-LOOPS	Loop - Zone 2 [DISCONNECT] Sub-Loop Distribution Per 4-Wire Analog Voice Grade	UEANL	USBN4	2
13MR-SL	TN	SUB-LOOPS	Loop - Zone 3	UEANL	USBN4	3
TOIVIIX-OL	IIN	30B-E00F3	Loop - Zone 3	OLANL	000114	3
			Sub-Loop Distribution Per 4-Wire Analog Voice Grade			
13MR-SL	TN	SUB-LOOPS	Loop - Zone 3 [DISCONNECT] (USOC=USBN4)	UEANL	SOMAN	3
			Sub-Loop Distribution Per 4-Wire Analog Voice Grade			
13MR-SL	TN	SUB-LOOPS	Loop - Zone 3 (USOC=USBN4)	UEANL	SOMAN	3
			Sub-Loop Distribution Per 4-Wire Analog Voice Grade			_
13MR-SL	TN	SUB-LOOPS	Loop - Zone 3 [DISCONNECT]	UEANL	USBN4	3
13MR-SL	TN	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC) Sub-Loop 2-Wire Intrabuilding Network Cable (INC)	UEANL	USBR2	
13MR-SL	TN	SUB-LOOPS	[DISCONNECT] (USOC=USBR2)	UEANL	SOMAN	
TOIVIIX-OL	IIN	30B-E00F3	Sub-Loop 2-Wire Intrabuilding Network Cable (INC)	OLANL	SOWAN	
13MR-SL	TN	SUB-LOOPS	(USOC=USBR2)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC)	UEANL	USBR4	
			Sub-Loop 4-Wire Intrabuilding Network Cable (INC)			
13MR-SL	TN	SUB-LOOPS	[DISCONNECT] (USOC=USBR4)	UEANL	SOMAN	
			Sub-Loop 4-Wire Intrabuilding Network Cable (INC)			
13MR-SL	TN	SUB-LOOPS	(USOC=USBR4)	UEANL	SOMAN	
13MR-SL 13MR-SL	TN	SUB-LOOPS SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEANL	URET1 URETA	
13IVIK-SL	TN	SUB-LUUPS	Loop Testing - Basic Additional Half Hour 2 Wire Copper Unbundled Sub-Loop Distribution - Zone	UEANL	UKETA	
13MR-SL	TN	SUB-LOOPS	1	UEF	UCS2X	1
		332 230. 0	2 Wire Copper Unbundled Sub-Loop Distribution - Zone	<u> </u>	0002.1	•
13MR-SL	TN	SUB-LOOPS	1 [DISCONNECT] (USOC=UCS2X)	UEF	SOMAN	1
			2 Wire Copper Unbundled Sub-Loop Distribution - Zone			
13MR-SL	TN	SUB-LOOPS	1 (USOC=UCS2X)	UEF	SOMAN	1
40MD O		CLIP I COPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone	uee	LICONY	
13MR-SL	TN	SUB-LOOPS	1 [DISCONNECT]	UEF	UCS2X	1

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Sta	Product Rate Element Description	COS (Class of Service)	usoc	Zone
+	2 Wire Copper Unbundled Sub-Loop Distribution - Zone		3333	20110
T	JB-LOOPS 2	UEF	UCS2X	2
	2 Wire Copper Unbundled Sub-Loop Distribution - Zone			
T	JB-LOOPS 2 [DISCONNECT] (USOC=UCS2X)	UEF	SOMAN	2
l _	2 Wire Copper Unbundled Sub-Loop Distribution - Zone			_
TT	JB-LOOPS 2 (USOC=UCS2X)	UEF	SOMAN	2
TI	2 Wire Copper Unbundled Sub-Loop Distribution - Zone UB-LOOPS 2 [DISCONNECT]	UEF	UCS2X	2
+-''	2 Wire Copper Unbundled Sub-Loop Distribution - Zone	UEF	00327	
TI	JB-LOOPS 3	UEF	UCS2X	3
+	2 Wire Copper Unbundled Sub-Loop Distribution - Zone	<u> </u>	0002/	
T	JB-LOOPS 3 [DISCONNECT] (USOC=UCS2X)	UEF	SOMAN	3
	2 Wire Copper Unbundled Sub-Loop Distribution - Zone			
TI	JB-LOOPS 3 (USOC=UCS2X)	UEF	SOMAN	3
l _	2 Wire Copper Unbundled Sub-Loop Distribution - Zone			
TT	JB-LOOPS 3 [DISCONNECT] Order Coordination for Unbundled Sub-Loops, per sub-	UEF	UCS2X	3
TI	JB-LOOPS loop pair	UEF	USBMC	
+-''	4 Wire Copper Unbundled Sub-Loop Distribution - Zone	UEF	USBIVIC	
TI	JB-LOOPS 1	UEF	UCS4X	1
+	4 Wire Copper Unbundled Sub-Loop Distribution - Zone	02.	00017	<u> </u>
T	JB-LOOPS 1 [DISCONNECT] (USOC=UCS4X)	UEF	SOMAN	1
	4 Wire Copper Unbundled Sub-Loop Distribution - Zone			
T	JB-LOOPS 1 (USOC=UCS4X)	UEF	SOMAN	1
l _	4 Wire Copper Unbundled Sub-Loop Distribution - Zone			
TI I	JB-LOOPS 1 [DISCONNECT] 4 Wire Copper Unbundled Sub-Loop Distribution - Zone	UEF	UCS4X	1
TI	JB-LOOPS 2	UEF	UCS4X	2
+-''	4 Wire Copper Unbundled Sub-Loop Distribution - Zone	UEF	00347	
TI	JB-LOOPS 2 [DISCONNECT] (USOC=UCS4X)	UEF	SOMAN	2
+ ''	4 Wire Copper Unbundled Sub-Loop Distribution - Zone	021	COMPAR	
TI	JB-LOOPS 2 (USOC=UCS4X)	UEF	SOMAN	2
	4 Wire Copper Unbundled Sub-Loop Distribution - Zone			
TI I	JB-LOOPS 2 [DISCONNECT]	UEF	UCS4X	2
_	'''			
<u> </u>		UEF	UCS4X	3
		HEE	HAMOS	2
+	JD-LOUPS J [DISCONNECT] (USOU=UCS4X) 4 Wire Connert Inhundled Sub-Loop Distribution - Zone	UEF	SUMAN	3
_{T!}		UFF	SOMAN	3
1T 1T 1T 1T	JB-LOOPS 2 [DISCONNECT] 4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 4 Wire Copper Unbundled Sub-Loop Distribution - Zone JB-LOOPS 3 [DISCONNECT] (USOC=UCS4X) 4 Wire Copper Unbundled Sub-Loop Distribution - Zone JB-LOOPS 3 (USOC=UCS4X)	UEF UEF UEF	UCS4> UCS4> SOMAI	X N

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS4X	3
TOWIN-OL	IIN	30B-LOOF3	Loop Tagging Service Level 1, Unbundled Copper Loop,	OEF	00347	
13MR-SL	TN	SUB-LOOPS	Non-Designed and Distribution Subloops	UEF, UEANL	URETL	
13MR-SL	TN	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	ÚEF	URET1	
13MR-SL	TN	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEF	URETA	
			Unbundled Sub-Loop Modification - 2-W Copper Dist			
13	TN	SUB-LOOPS	Load Coil/Equip Removal per 2-W PR	UEF	ULM2X	
40		CLID I CODO	Unbundled Sub-loop Modification - 4-W Copper Dist	uee	LUNAN	
13	TN	SUB-LOOPS	Load Coil/Equip Removal per 4-W PR Unbundled Loop Modification, Removal of Bridge Tap,	UEF	ULM4X	
13	TN	SUB-LOOPS	per unbundled loop	UEF	ULMBT	
10	111	000-2001 0	per unbundied loop	OLI	OLIVIDI	+
13MR-SL	TN	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair	UENTW	UENPP	
			Unbundled Network Terminating Wire (UNTW) per Pair		_	
13MR-SL	TN	SUB-LOOPS	[DISCONNECT] (USOC=UENPP)	UENTW	SOMAN	
			Unbundled Network Terminating Wire (UNTW) per Pair			
13MR-SL	TN	SUB-LOOPS	(USOC=UENPP)	UENTW	SOMAN	
40140 01		OUR LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair	I ICAITA/	LIENDO	
13MR-SL 13	TN TN	SUB-LOOPS ADDITIONAL NETWORK ELEMENTS	[DISCONNECT] Network Interface Device (NID) - 1-2 lines	UENTW UENTW	UENPP UND12	
13	IIN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines Network Interface Device (NID) - 1-2 lines	UEINTVV	UND12	+
13	TN	ADDITIONAL NETWORK ELEMENTS	[DISCONNECT] (USOC=UND12)	UENTW	SOMAN	
10		ABBITIOTALE NETWORK ELEMENTO	Network Interface Device (NID) - 1-2 lines	OEITI W	COMPAR	
13	TN	ADDITIONAL NETWORK ELEMENTS	(USOC=UND12)	UENTW	SOMAN	
			Network Interface Device (NID) - 1-2 lines			
13	TN	ADDITIONAL NETWORK ELEMENTS	[DISCONNECT]	UENTW	UND12	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines	UENTW	UND16	
40		ARRITIONIAL METIMORY ELEMENTO	Network Interface Device (NID) - 1-6 lines			
13	TN	ADDITIONAL NETWORK ELEMENTS	[DISCONNECT] (USOC=UND16) Network Interface Device (NID) - 1-6 lines	UENTW	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	(USOC=UND16)	UENTW	SOMAN	
13	IIN	ADDITIONAL INETWORK ELEWENTS	Network Interface Device (NID) - 1-6 lines	UEINTVV	JOIVIAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	[DISCONNECT]	UENTW	UND16	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 2 W	UENTW	UNDC2	+
			Network Interface Device Cross Connect - 2 W			
13	TN	ADDITIONAL NETWORK ELEMENTS	[DISCONNECT] (USOC=UNDC2)	UENTW	SOMAN	
	_		Network Interface Device Cross Connect - 2 W			
13	TN	ADDITIONAL NETWORK ELEMENTS	(USOC=UNDC2)	UENTW	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 4W	UENTW	UNDC4	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			Network Interface Device Cross Connect - 4W	,		
13	TN	ADDITIONAL NETWORK ELEMENTS	[DISCONNECT] (USOC=UNDC4) Network Interface Device Cross Connect - 4W	UENTW	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	(USOC=UNDC4)	UENTW	SOMAN	
				UAL, UCL, UDC, UDL, UDN,		
				UEA, UHL, UEANL, UEF, UEQ,		
40		UNE OTHER, PROVISIONING ONLY - NO	Habitandlad Contact Name - Province wine Only the mate	UENTW, NTCVG, NTCUD,	LINIEON	
13	TN	RATE	Unbundled Contact Name, Provisioning Only - no rate Unbundled DS1 Loop - Superframe Format Option - no	NTCD1, USL	UNECN	
13	TN	RATE	rate	USL, NTCD1	CCOSF	
10			Unbundled DS1 Loop - Expanded Superframe Format	002, 111001	0000.	
13	TN	RATE	option - no rate	USL, NTCD1	CCOEF	
		UNE OTHER, PROVISIONING ONLY - NO				
13	TN	RATE	NID - Dispatch and Service Order for NID installation	UENTW	UNDBX	
13MR-SL	TN	RATE	UNTW Circuit Establishment, Provisioning Only - No Rate	UENTW	UENCE	
TSIVIK-SL	IIN	RATE	Loop Makeup - Preordering Without Reservation, per	UEINTVV	UENCE	
14	TN	LOOP MAKE-UP	working or spare facility queried (Manual).	UMK	UMKLW	
			Loop Makeup - Preordering Without Reservation, per			
			working or spare facility queried (Manual).			
14	TN	LOOP MAKE-UP	[DISCONNECT] (USOC=UMKLW)	UMK	SOMAN	
			Loop Makeup - Preordering Without Reservation, per			
14	TN	LOOP MAKE-UP	working or spare facility queried (Manual). (USOC=UMKLW)	UMK	SOMAN	
14	IIN	LOOP WAKE-UP	Loop Makeup - Preordering With Reservation, per spare	OIVIK	SUMAN	
14	TN	LOOP MAKE-UP	facility queried (Manual).	UMK	UMKLP	
			Loop Makeup - Preordering With Reservation, per spare			
			facility queried (Manual). [DISCONNECT]			
14	TN	LOOP MAKE-UP	(USOC=UMKLP)	UMK	SOMAN	
1.4		LOOP MAKE-UP	Loop Makeup - Preordering With Reservation, per spare facility queried (Manual). (USOC=UMKLP)	LINAIZ	COMAN	
14	TN	LOOP MAKE-UP	Loop MakeupWith or Without Reservation, per	UMK	SOMAN	
14	TN	LOOP MAKE-UP	working or spare facility queried (Mechanized)	UMK	UMKMQ	
			Loop MakeupWith or Without Reservation, per	2		
			working or spare facility queried (Mechanized)			
14	TN	LOOP MAKE-UP	[DISCONNECT] (USOC=UMKMQ)	UMK	SOMAN	
			Loop MakeupWith or Without Reservation, per			
14	TN	LOOP MAKE-UP	working or spare facility queried (Mechanized) (USOC=UMKMQ)	UMK	SOMAN	
14	IIN	LOUF WANE-UF	(OOOO-OIVINIVIQ)	UIVIN	SUNIAN	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	TN	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation DLEC owned splitter	UEPSR, UEPSB	UREOS	
			End User Ordering - Remote Site Shared Loop Line	,	5.1255	
14R-LS	TN	LINE SPLITTING	Activation for End Users - CLEC Owned Splitter End User Ordering - Remote Site Shared Loop Line	UEPSR, UEPSB	URERS	
14R-LS	TN	LINE SPLITTING	Activation for End Users - CLEC Owned Splitter [DISCONNECT] (USOC=URERS)	UEPSR, UEPSB	SOMAN	
14R-LS	TN	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter (USOC=URERS)	UEPSR, UEPSB	SOMAN	
14R-LS	TN	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter [DISCONNECT]	UEPSR, UEPSB	URERS	
14R-LS	TN	LINE SPLITTING	End User Ordering - Remote Site Shared Loop - Subsequent Activity - CLEC Owned Splitter	UEPSR, UEPSB	URERA	
14R-LS	TN	LINE SPLITTING	End User Ordering - Remote Site Shared Loop - Subsequent Activity - CLEC Owned Splitter [DISCONNECT] (USOC=URERA)	UEPSR, UEPSB	SOMAN	
14R-LS	TN	LINE SPLITTING	End User Ordering - Remote Site Shared Loop - Subsequent Activity - CLEC Owned Splitter (USOC=URERA)	UEPSR, UEPSB	SOMAN	
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEALS	1
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT] (USOC=UEALS)	UEPSR, UEPSB	SOMAN	1
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 (USOC=UEALS)	UEPSR, UEPSB SO I		1
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEALS	1
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEABS	1
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT] (USOC=UEABS)	UEPSR, UEPSB	SOMAN	1

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
7			Unbundled Exchange Access Loop - 2 Wire Analog	(0.000 0. 00)		
14R-LS	TN	LINE SPLITTING	Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 (USOC=UEABS)	UEPSR, UEPSB	SOMAN	1
141(20	1114	LINE OF EFF TING	Unbundled Exchange Access Loop - 2 Wire Analog	OLI GIX, OLI GD	JOINAIN	'
			Voice Grade Loop-Service Level 1-Line Splitting- Zone 1			
14R-LS	TN	LINE SPLITTING	[DISCONNECT]	UEPSR, UEPSB	UEABS	1
44546		LINE OR ITTING	Unbundled Exchange Access Loop - 2 Wire Analog			_
14R-LS	TN	LINE SPLITTING	Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 Unbundled Exchange Access Loop - 2 Wire Analog	UEPSR, UEPSB	UEALS	2
			Voice Grade Loop- Service Level 1-Line Splitting-Zone 2			
14R-LS	TN	LINE SPLITTING	[DISCONNECT] (USOC=UEALS)	UEPSR, UEPSB	SOMAN	2
1111120		LIVE OF EITTING	Unbundled Exchange Access Loop - 2 Wire Analog	021 GIX, 021 GB	COMPAR	
			Voice Grade Loop- Service Level 1-Line Splitting-Zone 2			
14R-LS	TN	LINE SPLITTING	(USOC=UEALS)	UEPSR, UEPSB	SOMAN	2
			Unbundled Exchange Access Loop - 2 Wire Analog			
			Voice Grade Loop- Service Level 1-Line Splitting-Zone 2			_
14R-LS	TN	LINE SPLITTING	[DISCONNECT]	UEPSR, UEPSB	UEALS	2
			Unbundled Exchange Access Loop - 2 Wire Analog			
14R-LS	TN	LINE SPLITTING	Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR. UEPSB	UEABS	2
1111 20	111	LINE OF EITTING	Unbundled Exchange Access Loop - 2 Wire Analog	02. GIX, 02. GB	OL/ (DO	
			Voice Grade Loop- Service Level 1-Line Splitting-Zone 2			
14R-LS	TN	LINE SPLITTING	[DISCONNECT] (USOC=UEABS)	UEPSR, UEPSB	SOMAN	2
			Unbundled Exchange Access Loop - 2 Wire Analog			
_			Voice Grade Loop- Service Level 1-Line Splitting-Zone 2			
14R-LS	TN	LINE SPLITTING	(USOC=UEABS) Unbundled Exchange Access Loop - 2 Wire Analog	UEPSR, UEPSB	SOMAN	2
			Voice Grade Loop- Service Level 1-Line Splitting-Zone 2			
14R-LS	TN	LINE SPLITTING	[DISCONNECT]	UEPSR, UEPSB	UEABS	2
1411-20	111	LINE OF EFFTING	[DIOCONNECT]	OLI GIX, OLI GD	OLABO	
			Unbundled Exchange Access Loop - 2 Wire Analog			
14R-LS	TN	LINE SPLITTING	Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEALS	3
			Unbundled Exchange Access Loop - 2 Wire Analog			
			Voice Grade Loop-Service Level 1-Line Splitting-Zone 3			_
14R-LS	TN	LINE SPLITTING	[DISCONNECT] (USOC=UEALS) Unbundled Exchange Access Loop - 2 Wire Analog	UEPSR, UEPSB	SOMAN	3
			Voice Grade Loop-Service Level 1-Line Splitting-Zone 3			
14R-LS	TN	LINE SPLITTING	(USOC=UEALS)	UEPSR, UEPSB	SOMAN	3
1411-LO	111	LINE OF LITTING	(0000-0LALO)	OLF SIX, OLF SD	JOINIAN	J

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Attachment	State	Product	Rate Element Description Unbundled Exchange Access Loop - 2 Wire Analog	COS (Class of Service)	USOC	Zone
			Voice Grade Loop-Service Level 1-Line Splitting-Zone 3			
14R-LS	TN	LINE SPLITTING	IDISCONNECTI	UEPSR, UEPSB	UEALS	3
1411-20	111	LINE OF EITTING	[DIOCONNECT]	OLI OIX, OLI OD	OLALO	3
			Unbundled Exchange Access Loop - 2 Wire Analog			
14R-LS	TN	LINE SPLITTING	Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEABS	3
			Unbundled Exchange Access Loop - 2 Wire Analog	·		
			Voice Grade Loop-Service Level 1-Line Splitting-Zone 3			
14R-LS	TN	LINE SPLITTING	[DISCONNECT] (USOC=UEABS)	UEPSR, UEPSB	SOMAN	3
			Unbundled Exchange Access Loop - 2 Wire Analog			
44510		LINE OF ITTING	Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	HEDOD HEDOD	001441	
14R-LS	TN	LINE SPLITTING	(USOC=UEABS) Unbundled Exchange Access Loop - 2 Wire Analog	UEPSR, UEPSB	SOMAN	3
			Voice Grade Loop-Service Level 1-Line Splitting-Zone 3			
14R-LS	TN	LINE SPLITTING	IDISCONNECTI	UEPSR. UEPSB	UEABS	3
141(20	111	LINE OF LITTING	Unbundled Exchange Access Loop - Physical	OLI OIX, OLI OB	OLABO	
			Collocation-2 Wire Cross Connects (Loop) for Line			
14R-LS	TN	LINE SPLITTING	Splitting	UEPSR, UEPSB	PE1LS	
			Unbundled Exchange Access Loop - Physical			
			Collocation-2 Wire Cross Connects (Loop) for Line			
14R-LS	TN	LINE SPLITTING	Splitting [DISCONNECT] (USOC=PE1LS)	UEPSR, UEPSB	SOMAN	
			Unbundled Exchange Access Loop - Physical			
44510		LINE ODLITTING	Collocation-2 Wire Cross Connects (Loop) for Line	LIEDOD LIEDOD	201441	
14R-LS	TN	LINE SPLITTING	Splitting (USOC=PE1LS) Unbundled Exchange Access Loop - Physical	UEPSR, UEPSB	SOMAN	
			Collocation-2 Wire Cross Connects (Loop) for Line			
14R-LS	TN	LINE SPLITTING	Splitting [DISCONNECT]	UEPSR, UEPSB	PE1LS	
111120		LIVE OF LITTING	Spinital 9 [2:000141201]	32. 3.4, 32. 33	1 2 1 2 0	
			Unbundled Exchange Access Loop - Virtual Collocation-			
14R-LS	TN	LINE SPLITTING	2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	VE1LS	
			Unbundled Exchange Access Loop - Virtual Collocation-			
			2 Wire Cross Connects (Loop) for Line Splitting			
14R-LS	TN	LINE SPLITTING	[DISCONNECT] (USOC=VE1LS) Unbundled Exchange Access Loop - Virtual Collocation-	UEPSR, UEPSB	SOMAN	
			2 Wire Cross Connects (Loop) for Line Splitting			
14R-LS	TN	LINE SPLITTING	(USOC=VE1LS)	UEPSR, UEPSB	SOMAN	
141X-LO	IIN	LINE OF LITTING	Unbundled Exchange Access Loop - Virtual Collocation-	OLI SIX, OEFSB	JOIVIAIN	
			2 Wire Cross Connects (Loop) for Line Splitting			
14R-LS	TN	LINE SPLITTING	[DISCONNECT]	UEPSR, UEPSB	VE1LS	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
			Stand Alone - Interoffice Channel - DS1 - Facility			
13	TN	UNBUNDLED DEDICATED TRANSPORT	Termination	U1TD1	U1TF1	
			Stand Alone - Interoffice Channel - DS1 - Facility			
13	TN	UNBUNDLED DEDICATED TRANSPORT	Termination [DISCONNECT] (USOC=U1TF1)	U1TD1	SOMAN	
40	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination (USOC=U1TF1)	LIATDA	SOMAN	
13	IIN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility	U1TD1	SOWAN	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Termination [DISCONNECT]	U1TD1	U1TF1	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
		ONDONDED DEDICATED TO MICH ON	Stand Alone - Interoffice Channel - DS3 - Facility	01120	120701	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Termination	U1TD3	U1TF3	
			Stand Alone - Interoffice Channel - DS3 - Facility			
13	TN	UNBUNDLED DEDICATED TRANSPORT	Termination [DISCONNECT] (USOC=U1TF3)	U1TD3	SOMAN	
			Stand Alone - Interoffice Channel - DS3 - Facility			
13	TN	UNBUNDLED DEDICATED TRANSPORT	Termination (USOC=U1TF3)	U1TD3	SOMAN	
			Stand Alone - Interoffice Channel - DS3 - Facility			
13	TN	UNBUNDLED DEDICATED TRANSPORT	Termination [DISCONNECT] Stand Alone or in Combination - Dark Fiber - Interoffice	U1TD3	U1TF3	
			Transport, Per Four Fiber Strands, Per Route Mile Or			
13	TN	UNBUNDLED DEDICATED TRANSPORT	Fraction Thereof	UDF	1L5DF	
13	IIN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone or in Combination - Dark Fiber - Interoffice	ODF	TLODE	
			Transport, Per Four Fiber Strands, Per Route Mile Or			
13	TN	UNBUNDLED DEDICATED TRANSPORT	Fraction Thereof	UDF	UDF14	
			Stand Alone or in Combination - Dark Fiber - Interoffice			
			Transport, Per Four Fiber Strands, Per Route Mile Or			
13	TN	UNBUNDLED DEDICATED TRANSPORT	Fraction Thereof [DISCONNECT]	UDF	UDF14	
		HIGH CAPACITY UNBUNDLED LOCAL				
13	TN	LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
		HIGH CAPACITY UNBUNDLED LOCAL	Stand Alone - DS3 Unbundled Local Loop - Facility		LIEODY.	
13	TN	LOOP HIGH CAPACITY UNBUNDLED LOCAL	Termination	UE3	UE3PX	
13	TN	LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination [DISCONNECT] (USOC=UE3PX)	UE3	SOMAN	
13	I IN	HIGH CAPACITY UNBUNDLED LOCAL	Stand Alone - DS3 Unbundled Local Loop - Facility	UES	JOIVIAIN	
13	TN	LOOP	Termination (USOC=UE3PX)	UE3	SOMAN	
10	114	HIGH CAPACITY UNBUNDLED LOCAL	Stand Alone - DS3 Unbundled Local Loop - Facility	020	John	
13	TN	LOOP	Termination [DISCONNECT]	UE3	UE3PX	
			4-Wire Analog Voice Grade Loop in Combination -			
13	TN	ENHANCED EXTENDED LINK (EELs)	Zone 1	UNCVX	UEAL4	1

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
Attachinent	State	Floduct	4-Wire Analog Voice Grade Loop in Combination -	COS (Class of Service)	0300	Zone
13	TN	ENHANCED EXTENDED LINK (EELs)	Zone 1 (USOC=UEAL4)	UNCVX	SOMAN	1
			4-Wire Analog Voice Grade Loop in Combination -	5.1.5.7.		-
13	TN	ENHANCED EXTENDED LINK (EELs)	Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
			4-Wire Analog Voice Grade Loop in Combination -			
13	TN	ENHANCED EXTENDED LINK (EELs)	Zone 2	UNCVX	UEAL4	2
			4-Wire Analog Voice Grade Loop in Combination -			
13	TN	ENHANCED EXTENDED LINK (EELs)	Zone 2 (USOC=UEAL4)	UNCVX	SOMAN	2
			4-Wire Analog Voice Grade Loop in Combination -			
13	TN	ENHANCED EXTENDED LINK (EELs)	Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
40		ENULANDED EVENIDED LINUX (EEL.)	4-Wire Analog Voice Grade Loop in Combination -	11110101		
13	TN	ENHANCED EXTENDED LINK (EELs)	Zone 3	UNCVX	UEAL4	3
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 (USOC=UEAL4)	UNCVX	SOMAN	3
13	IIN	ENHANCED EXTENDED LINK (EELS)	4-Wire Analog Voice Grade Loop in Combination -	UNCVX	SOWAN	3
13	TN	ENHANCED EXTENDED LINK (EELs)	Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
10		ENTITIOES EXTENSES ENTR (EEEs)	4-Wire DS1 Digital Loop in Combination - Zone 1	011017	- COLXX	
13	TN	ENHANCED EXTENDED LINK (EELs)	[DISCONNECT] (USOC=USLXX)	UNC1X	SOMAN	1
			4-Wire DS1 Digital Loop in Combination - Zone 1			
13	TN	ENHANCED EXTENDED LINK (EELs)	(USOC=USLXX)	UNC1X	SOMAN	1
			4-Wire DS1 Digital Loop in Combination - Zone 1			
13	TN	ENHANCED EXTENDED LINK (EELs)	[DISCONNECT]	UNC1X	USLXX	1
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
			4-Wire DS1 Digital Loop in Combination - Zone 2			_
13	TN	ENHANCED EXTENDED LINK (EELs)	[DISCONNECT] (USOC=USLXX)	UNC1X	SOMAN	2
40		ENILIANIOED EVITENDED LINIX (EEL -)	4-Wire DS1 Digital Loop in Combination - Zone 2	LINIOAY	001441	0
13	TN	ENHANCED EXTENDED LINK (EELs)	(USOC=USLXX) 4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	SOMAN	2
13	TN	ENHANCED EXTENDED LINK (EELs)	[DISCONNECT]	UNC1X	USLXX	2
13	TN	ENHANCED EXTENDED LINK (EELS)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
10	111	ENTITION EXTENDED LINK (ELLS)	4-Wire DS1 Digital Loop in Combination - Zone 3	014017	OOLAA	
13	TN	ENHANCED EXTENDED LINK (EELs)	[DISCONNECT] (USOC=USLXX)	UNC1X	SOMAN	3
			4-Wire DS1 Digital Loop in Combination - Zone 3	2		
13	TN	ENHANCED EXTENDED LINK (EELs)	(USOC=USLXX)	UNC1X	SOMAN	3
			4-Wire DS1 Digital Loop in Combination - Zone 3			
13		ENHANCED EXTENDED LINK (EELs)	[DISCONNECT]	UNC1X	USLXX	3
13		ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
13	TN	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			DS3 Local Loop in combination - Facility Termination			
13	TN	ENHANCED EXTENDED LINK (EELs)	[DISCONNECT] (USOC=UE3PX)	UNC3X	SOMAN	
40		ENULANCED EXTENDED LINUX (EEL.)	DS3 Local Loop in combination - Facility Termination	LINIONY	001441	
13	TN	ENHANCED EXTENDED LINK (EELs)	(USOC=UE3PX) DS3 Local Loop in combination - Facility Termination	UNC3X	SOMAN	
13	TN	ENHANCED EXTENDED LINK (EELs)	[DISCONNECT]	UNC3X	UE3PX	
13	TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
10		ENTITION EXTENSES LINE (ELLO)	Interoffice Channel in combination - DS1 Facility	0110174	120/01	
13	TN	ENHANCED EXTENDED LINK (EELs)	Termination	UNC1X	U1TF1	
		,	Interoffice Channel in combination - DS1 Facility			
13	TN	ENHANCED EXTENDED LINK (EELs)	Termination [DISCONNECT] (USOC=U1TF1)	UNC1X	SOMAN	
			Interoffice Channel in combination - DS1 Facility			
13	TN	ENHANCED EXTENDED LINK (EELs)	Termination (USOC=U1TF1)	UNC1X	SOMAN	
			Interoffice Channel in combination - DS1 Facility			
13	TN	ENHANCED EXTENDED LINK (EELs)	Termination [DISCONNECT]	UNC1X	U1TF1	
13	TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile Interoffice Channel in combination - DS3 - Facility	UNC3X	1L5XX	
13	TN	ENHANCED EXTENDED LINK (EELs)	Termination	UNC3X	U1TF3	
13	IIN	ENTIANCED EXTENDED LINK (EELS)	Interoffice Channel in combination - DS3 - Facility	UNCSA	UTIFS	
13	TN	ENHANCED EXTENDED LINK (EELs)	Termination [DISCONNECT] (USOC=U1TF3)	UNC3X	SOMAN	
10		ENTITION ENTERING ENTRY (ELLO)	Interoffice Channel in combination - DS3 - Facility	0.100,1	00	
13	TN	ENHANCED EXTENDED LINK (EELs)	Termination (USOC=U1TF3)	UNC3X	SOMAN	
			Interoffice Channel in combination - DS3 - Facility			
13	TN	ENHANCED EXTENDED LINK (EELs)	Termination [DISCONNECT]	UNC3X	U1TF3	
			Optional Features & Functions: Clear Channel			
13	TN	ADDITIONAL NETWORK ELEMENTS	Capability Extended Frame Option - per DS1	U1TD1, UNC1X	CCOEF	
			Optional Features & Functions: Clear Channel			
40		ADDITIONAL METAVODICELEMENTO	Capability Extended Frame Option - per DS1	LIATRA LINGAY	00055	
13	TN	ADDITIONAL NETWORK ELEMENTS	[DISCONNECT] Optional Features & Functions: Clear Channel	U1TD1, UNC1X	CCOEF	
13	TN	ADDITIONAL NETWORK ELEMENTS	Capability Super FrameOption - per DS1	U1TD1, UNC1X	CCOSF	
13	IIN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel	OTIDI, UNCIX	00001	
			Capability Super FrameOption - per DS1			
13	TN	ADDITIONAL NETWORK ELEMENTS	[DISCONNECT]	U1TD1, UNC1X	CCOSF	
			Optional Features & Functions: Clear Channel	- , 5::5::		
			Capability (SF/ESF) Option - Subsequent Activity - per			
13	TN	ADDITIONAL NETWORK ELEMENTS	DS1	U1TD1, UNC1X, USL	NRCCC	
			Optional Features & Functions: Clear Channel			
			Capability (SF/ESF) Option - Subsequent Activity - per			
13	TN	ADDITIONAL NETWORK ELEMENTS	DS1 [DISCONNECT]	U1TD1, UNC1X, USL	NRCCC	

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USOC Zo	COS (Class of Service)	Rate Element Description	Product	State	Attachment
	000 (0.000 0.001 1.00)	Optional Features & Functions: C-bit Parity Option -	110000	Otato	Attaorimont
NRCC3	U1TD3, UE3, UNC3X	Subsequent Activity - per DS3	ADDITIONAL NETWORK ELEMENTS	TN	13
		Optional Features & Functions: C-bit Parity Option -			
NRCC3	U1TD3, UE3, UNC3X	Subsequent Activity - per DS3 [DISCONNECT]	ADDITIONAL NETWORK ELEMENTS	TN	13
		Optional Features & Functions: DS1/DS0 Channel			
MQ1	UNC1X	System	ADDITIONAL NETWORK ELEMENTS	TN	13
		Optional Features & Functions: DS1/DS0 Channel			
MQ1	UNC1X	System [DISCONNECT]	ADDITIONAL NETWORK ELEMENTS	TN	13
MOS	UNC3X	Optional Features & Functions: DS3/DS1Channel	ADDITIONAL NETWORK ELEMENTS	TN	10
MQ3	UNC3A	System Optional Features & Functions: DS3/DS1Channel	ADDITIONAL NETWORK ELEMENTS	IIN	13
SOMAN	UNC3X	System [DISCONNECT] (USOC=MQ3)	ADDITIONAL NETWORK ELEMENTS	TN	13
- COMPART	5110671	Optional Features & Functions: DS3/DS1Channel	// CELINETTO		10
SOMAN	UNC3X	System (USOC=MQ3)	ADDITIONAL NETWORK ELEMENTS	TN	13
		Optional Features & Functions: DS3/DS1Channel			
MQ3	UNC3X	System [DISCONNECT]	ADDITIONAL NETWORK ELEMENTS	TN	13
		Optional Features & Functions: Voice Grade COCI in			
1D1VG	UNCVX	combination	ADDITIONAL NETWORK ELEMENTS	TN	13
454)/0		Optional Features & Functions: Voice Grade COCI - for	ADDITIONAL METALODIC EL EMENTO		40
1D1VG	UEA	2W-SL2 & 4W Voice Grade Local Loop Optional Features & Functions: DS1 COCI in	ADDITIONAL NETWORK ELEMENTS	TN	13
UC1D1	UNC1X	combination	ADDITIONAL NETWORK ELEMENTS	TN	13
OCIDI	UNCIX	Optional Features & Functions: DS1 COCI in	ADDITIONAL NETWORK ELEMENTS	1111	13
SOMAN	UNC1X	combination [DISCONNECT] (USOC=UC1D1)	ADDITIONAL NETWORK ELEMENTS	TN	13
	5.10.17	Optional Features & Functions: DS1 COCI in			
SOMAN	UNC1X	combination (USOC=UC1D1)	ADDITIONAL NETWORK ELEMENTS	TN	13
		Optional Features & Functions: DS1 COCI - for Stand			
UC1D1	U1TD1	Alone Interoffice Channel	ADDITIONAL NETWORK ELEMENTS	TN	13
1		Optional Features & Functions: DS1 COCI - for DS1			
UC1D1			ADDITIONAL NETWORK ELEMENTS	TN	13
LINCOC			ADDITIONAL NETWORK ELEMENTS	T. 1	40
As-Is Conversion Charge XDH1X, HFQC6, XDD2X, XDV6X UNCCC		Ontional Features & Functions: Wholesale LINE	ADDITIONAL NETWORK ELEMENTS	IN	13
LINCCC			ADDITIONAL NETWORK ELEMENTS	TN	13
011000	ABITIA, TII QOO, ADDZA, ADVOA	Optional Features & Functions: Unbundled Misc Rate	ADDITIONAL NETWORK ELLINENTS	1111	13
URESL	U1TVX, U1TD3, UDF, UE3		ADDITIONAL NETWORK ELEMENTS	TN	13
UC1D1 UNCCC UNCCC URESL	USL, NTCD1 UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X, XDV6X UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X, XDV6X U1TVX, U1TD3, UDF, UE3	Local Loop Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge [DISCONNECT] Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR)	ADDITIONAL NETWORK ELEMENTS ADDITIONAL NETWORK ELEMENTS ADDITIONAL NETWORK ELEMENTS ADDITIONAL NETWORK ELEMENTS	TN TN TN TN	13 13 13 13

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			Optional Features & Functions: Unbundled Misc Rate			
			Element, SNE SAI, Single Network Element - Switch As			
40	TNI	ADDITIONAL NETWORK ELEMENTS	Is Non-recurring Charge, incremental charge per circuit	LIATAY LIATDO LIDE LIEO	LIDEOD	
13	TN	ADDITIONAL NETWORK ELEMENTS	on a spreadsheet Service Rearrangements - NRC - Order Coordination	U1TVX, U1TD3, UDF, UE3	URESP	
13	TN	ADDITIONAL NETWORK ELEMENTS	Specific Time - Dedicated Transport	LINICAY LINICAY	OCOSR	
13	IIN	ADDITIONAL NETWORK ELEMENTS	Specific Time - Dedicated Transport	UNC1X, UNC3X UNCVX, UNC1X, UNC3X,	UCUSK	
13	TN	COMMINGLING	Commingling Authorization	U1TD3, UE3, U1TVX	CMGAU	
13	IIN	COMMINGLING	Comminging Authorization	UNCVX, UNC1X, UNC3X,	CIVIGAU	
13	TN	COMMINGLING	Commingling Authorization [DISCONNECT]	U1TD3, UE3, U1TVX	CMGAU	
13	TN	COMMINGLING	Commingled VG COCI	XDV2X	1D1VG	
13	TN	COMMINGLING	Commingled 4-wire Local Loop Zone 1	XDV6X	UEAL4	1
10	111	COMMINITAGENTAG	Commingica 4 wire Local Loop Zone 1	ABVOA	OLAL	
13	TN	COMMINGLING	Commingled 4-wire Local Loop Zone 1 [DISCONNECT]	XDV6X	UEAL4	1
13	TN	COMMINGLING	Commingled 4-wire Local Loop Zone 2	XDV6X	UEAL4	2
				7.2.07.	027.2.	
13	TN	COMMINGLING	Commingled 4-wire Local Loop Zone 2 [DISCONNECT]	XDV6X	UEAL4	2
13	TN	COMMINGLING	Commingled 4-wire Local Loop Zone 3	XDV6X	UEAL4	3
13	TN	COMMINGLING	Commingled 4-wire Local Loop Zone 3 [DISCONNECT]	XDV6X	UEAL4	3
13	TN	COMMINGLING	Commingled DS1 COCI	XDH1X	UC1D1	
13	TN	COMMINGLING	Commingled DS1 Interoffice Channel	XDH1X	U1TF1	
13	TN	COMMINGLING	Commingled DS1 Interoffice Channel [DISCONNECT]	XDH1X	U1TF1	
13	TN	COMMINGLING	Commingled DS1 Interoffice Channel Mileage	XDH1X	1L5XX	
13	TN	COMMINGLING	Commingled DS1/DS0 Channel System	XDH1X	MQ1	
			Commingled DS1/DS0 Channel System			
13	TN	COMMINGLING	[DISCONNECT]	XDH1X	MQ1	
13	TN	COMMINGLING	Commingled DS1 Local Loop Zone 1	XDH1X	USLXX	1
13	TN	COMMINGLING	Commingled DS1 Local Loop Zone 1 [DISCONNECT]	XDH1X	USLXX	1
13	TN	COMMINGLING	Commingled DS1 Local Loop Zone 2	XDH1X	USLXX	2
13	TN	COMMINGLING	Commingled DS1 Local Loop Zone 2 [DISCONNECT]	XDH1X	USLXX	2
13	TN	COMMINGLING	Commingled DS1 Local Loop Zone 3	XDH1X	USLXX	3
13	TN	COMMINGLING	Commingled DS1 Local Loop Zone 3 [DISCONNECT]	XDH1X	USLXX	3
13	TN	COMMINGLING	Commingled DS3 Local Loop	HFQC6	UE3PX	
13	TN	COMMINGLING	Commingled DS3 Local Loop [DISCONNECT]	HFQC6	UE3PX	
13	TN	COMMINGLING	Commingled DS3 Local Loop Mileage	HFQC6	1L5ND	
13	TN	COMMINGLING	Commingled DS3/DS1 Channel System Commingled DS3/DS1 Channel System	HFQC6	MQ3	
12	TN1	COMMINICUING	[DISCONNECT]	HEOCE	MOS	
13 13	TN TN	COMMINGLING COMMINGLING	Commingled DS3 Interoffice Channel	HFQC6 HFQC6	MQ3 U1TF3	+
13	IIN	COMMINITUGENIA	Comminged Dos interonice Chariner	TIFQUU	UTIF3	

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	COMMINGLING	Commingled DS3 Interoffice Channel [DISCONNECT]	HFQC6	U1TF3	
13	TN	COMMINGLING	Commingled DS3 Interoffice Channel Mileage	HFQC6	1L5XX	
13	TN	COMMINGLING	UNE to Commingled Conversion Tracking	XDH1X, HFQC6	CMGUN	
			UNE to Commingled Conversion Tracking			
13	TN	COMMINGLING	[DISCONNECT]	XDH1X, HFQC6	CMGUN	
13	TN	COMMINGLING	SPA to Commingled Conversion Tracking	XDH1X, HFQC6	CMGSP	
			SPA to Commingled Conversion Tracking			
13	TN	COMMINGLING	[DISCONNECT]	XDH1X, HFQC6	CMGSP	

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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 NORTH CAROLINA, 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, AT&T OKLAHOMA AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

AND

XO COMMUNICATIONS SERVICES, LLC

Signature Page/AT&T-21STATE Page 2 of 3 XO COMMUNICATIONS SERVICES, LLC

XO COMMUNICATIONS SERVICES, LLC Version: 4Q15 – 10/20/15

Signature:	eSigned - Daniel Higgins II	Signature:	eSigned - Kristen E. Shore
Name:	eSigned - Daniel Higgins II	Name:	eSigned - Kristen E. Shore
	(Print or Type)		(Print or Type)
Title:	AVP	Title:	AVP- Regulatory
	(Print or Type)		(Print or Type)
Date:	15 Dec 2022	Date:	15 Dec 2022

XO Communications Services, LLC

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 NORTH CAROLINA, 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, AT&T OKLAHOMA 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	418B	539B	
ARKANSAS	2796		
CALIFORNIA	2796	7262	7262
FLORIDA	6100	423B,6100	6100
GEORGIA	8758	424B,8758	8758
ILLINOIS	2796		
INDIANA	2796	4359	4359
KANSAS	2796	463B	463B
KENTUCKY	418B	622B	623B
LOUISIANA	418B	691B	
MICHIGAN	2796	4125	4125
MISSISSIPPI	457B	428B	
MISSOURI	2796	4774	4774
NORTH CAROLINA	456B	432B	4792
OHIO	2796	7520	7520

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COMMUNICATIONS	SLKV	ICLO, LLC
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OKLAHOMA	2796		
SOUTH CAROLINA	418B	747B	
TENNESSEE	7344	436B	7344
TEXAS	4815	8958	8958
WISCONSIN	2796	4126	4126

Description	ACNA Code(s)
ACNA(s)	TQW

Amendment – DS1/DS3 Transport/AT&T-21STATE Page 1 of 1 XO Communication Services LLC Version 06/16/22

AMENDMENT TO THE AGREEMENT BETWEEN XO COMMUNICATION SERVICES LLC 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 NORTH CAROLINA, 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 CALIFORNIA, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

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

WHEREAS, AT&T and CLEC are Parties to the Agreement(s) as shown in the attached Exhibit C; and

WHEREAS, The Parties desire to amend the Interconnection Agreement to modify certain rates; 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 and the terms and conditions contained herein, and Pricing Sheets (Exhibit A and Exhibit B), all of which are hereby incorporated by this reference and constitute a part of this Amendment.
- Add the Pricing Sheet in Exhibit A. The rates in Exhibit A supersede the rates for the corresponding elements in the Pricing Sheet in the Agreement.
- 3. To the extent CLEC is no longer purchasing commercial local transport pursuant to a separate agreement using the USOCs and Basic Classes of Services set forth on the Pricing Sheet in Exhibit A, CLEC shall provide Notice to AT&T to implement the rates set forth in Exhibit B. Upon verification that CLEC is no longer purchasing commercial local transport, AT&T will implement the rates in Exhibit B. Depending on CLEC's bill period and AT&T billing system processes, the rate change may take up to two billing cycles to go into effect.
- 4. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
- 5. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement
- 6. 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.
- 7. This Amendment shall be filed with the applicable State Commission(s) and will become effective July 12, 2022.

Exhibit B – List of Agreements

AT&TILEC("AT&T")	CARRIER Legal Name	Contract Type	Approval Date
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	XO Communication Services, LLC	Interconnection	3/21/06
Bellsouth Telecommunications, LLC d/b/a AT&T ALABAMA	XO Communication Services, LLC	Interconnection	3/2/04
Bellsouth Telecommunications, LLC d/b/a AT&T FLORIDA	XO Communication Services, LLC	Interconnection	6/28/10
Bellsouth Telecommunications, LLC d/b/a AT&T GEORGIA	XO Communication Services, LLC	Interconnection	8/9/02
Bellsouth Telecommunications, LLC d/b/a AT&T KENTUCKY	XO Communication Services, LLC	Interconnection	9/29/03
Bellsouth Telecommunications, LLC d/b/a AT&T LOUISIANA	XO Communication Services, LLC	Interconnection	11/29/03
Bellsouth Telecommunications, LLC d/b/a AT&T MISSISSIPPI	XO Communication Services, LLC	Interconnection	6/30/03
Bellsouth Telecommunications, LLC d/b/a AT&T NORTH CAROLINA	XO Communication Services, LLC	Interconnection	6/19/03
Bellsouth Telecommunications, LLC d/b/a AT&T SOUTH CAROLINA	XO Communication Services, LLC	Interconnection	2/26/04
Bellsouth Telecommunications, LLC d/b/a AT&T TENNESSEE	XO Communication Services, LLC	Interconnection	6/21/04

Amendment – UNE Forbearance /AT&T-21STATE Page 2 of 2 XO Communication Services LLC Version: 03/03/16

AT&TILEC("AT&T")	CARRIER Legal Name	Contract Type	Approval Date
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	XO Communication Services, LLC	Interconnection	10/24/05
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	XO Communication Services, LLC	Interconnection	8/12/05
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	XO Communication Services, LLC	Interconnection	10/20/06
Southwestern Bell Telephone Company d/b/a AT&TTEXAS	XO Communication Services, LLC	Interconnection	8/29/05
Illinois Bell Telephone Company d/b/a AT&TILLINOIS	XO Communication Services, LLC	Interconnection	1/24/02
Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA	XO Communication Services, LLC	Interconnection	6/10/10
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	XO Communication Services, LLC	Interconnection	1/8/02
The Ohio Bell Telephone Company d/b/a AT&T OHIO	XO Communication Services, LLC	Interconnection	2/1/02
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	XO Communication Services, LLC	Interconnection	3/1/04
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	XO Communication Services, LLC	Interconnection	3/1/00

PRICING SHEETS Exhibit A – DS1 DS3 Local Wholesale Transport

Exhibit A Version: 2Q22 - LWT - 06/17/22

Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone	Mor Recu Cha (MI	rge	Non- Recurring Charge (NRC) First	Non- Recurri Charg (NRC)	ng e
		AT&T LOCAL WHOLESALE	Stand Alone - Interoffice Channel - DS1 - per mile (Effective July 12, 2022 -								
LWT	TN	TRANSPORT	July 11, 2023)	U1TD1	1L5XX		\$	0.53			mile
		AT&T LOCAL WHOLESALE	Stand Alone - Interoffice Channel - DS1 - per mile (Effective July 12, 2023 -								
LWT	TN	TRANSPORT	July 11, 2024)	U1TD1	1L5XX		\$	1.06			
		AT&T LOCAL WHOLESALE	Stand Alone - Interoffice Channel - DS1 - per mile (Effective July 12, 2024 -								
LWT	TN	TRANSPORT	July 11, 2025)	U1TD1	1L5XX		\$	5.30			
		AT&T LOCAL WHOLESALE	Stand Alone - Interoffice Channel - DS1 - Facility Termination (Effective July								
LWT	TN	TRANSPORT	12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$:	116.79	\$ 112.40	\$ 7	5.27
		AT&T LOCAL WHOLESALE	Stand Alone - Interoffice Channel - DS1 - Facility Termination (Effective July								
LWT	TN	TRANSPORT	12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$:	233.58	\$ 112.40	\$ 7	5.27
		AT&T LOCAL WHOLESALE	Stand Alone - Interoffice Channel - DS1 - Facility Termination (Effective July								
LWT	TN	TRANSPORT	12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 1,	167.90	\$ 112.40	\$ 7	5.27
		AT&T LOCAL WHOLESALE	Stand Alone - Interoffice Channel - DS3 - per mile (Effective July 12, 2022 -								
LWT	TN	TRANSPORT	July 11, 2023)	U1TD3	1L5XX		\$	3.51			mile
		AT&T LOCAL WHOLESALE	Stand Alone - Interoffice Channel - DS3 - per mile (Effective July 12, 2023 -								
LWT	TN	TRANSPORT	July 11, 2024)	U1TD3	1L5XX		\$	7.02			
		AT&T LOCAL WHOLESALE	Stand Alone - Interoffice Channel - DS3 - per mile (Effective July 12, 2024 -								
LWT	TN	TRANSPORT	July 11, 2025)	U1TD3	1L5XX		\$	35.10			
		AT&T LOCAL WHOLESALE	Stand Alone - Interoffice Channel - DS3 - Facility Termination (Effective July								
LWT	TN	TRANSPORT	12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 1,	273.48	\$ 395.29	\$ 17	5.56
		AT&T LOCAL WHOLESALE	Stand Alone - Interoffice Channel - DS3 - Facility Termination (Effective July								
LWT	TN	TRANSPORT	12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 2,	546.96	\$ 395.29	\$ 17	5.56
		AT&T LOCAL WHOLESALE	Stand Alone - Interoffice Channel - DS3 - Facility Termination (Effective July								
LWT	TN	TRANSPORT	12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 12,	734.80	\$ 395.29	\$ 17	5.56

Exhibit B UDT

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Red Cl	onthly curring harge MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
		UNBUNDLED DEDICATED									
13	TN	TRANSPORT	Stand Alone - Interoffice Channel - DS1 - per mile	U1TD1	1L5XX		\$	0.36			mile
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$	77.86	\$ 112.40	\$ 76.27	
		UNBUNDLED DEDICATED									
13	TN	TRANSPORT	Stand Alone - Interoffice Channel - DS3 - per mile	U1TD3	1L5XX		\$	2.34			mile
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		Ś	848.99	\$ 395.29	\$ 176.56	