The Public Utilities Commission of Ohio

TELECOMMUNICATIONS FILING FORM

(Effective: 04-01-2020)

Per the Commission's 5/29/2019 "Implementation Order" in Case No. 19-0173-TP-ORD

This form is intended to be used with most types of required filings. It provides check boxes with rule references for the most common types of filings. It does not replace or supersede Commission rules in anyway.

In the Matter of the Application of AT&T Ohio for Review and) IRF Docket N	o. 9011 ² -
Approval of an Interconnection Agreement Amendment) Case No. 20-17	771-TP-NAG
Pursuant to Section 252 of the Telecommunications Act of 1996)	
Name of Registrant(s) The Ohio Bell Telephone Company		
DBA(s) of Registrant(s) <u>AT&T Ohio</u>		
Address of Registrant(s) 208 S. Akard St, Room 2510.02, Dallas, TX	<u>(75202</u>	
Company Web Address <u>www.att.com</u>		
Regulatory Contact Person(s) <u>Richard T. Howell</u>	Phone (214) <u>757-8099</u>	Fax ()
Regulatory Person's Email Address <u>rh2514@att.com</u>	· ,—	,,
Contact Person for Annual Report <u>Richard T. Howell</u>		Phone ()
Consumer Contact Information Richard T. Howell		Phone ()
Address (if different from above) Click here to enter text.		
Motion for protective order included with filing? \square Yes \boxtimes No		
Motion for waiver(s) filed affecting this case? \square Yes \boxtimes No [Note:	Waivers may toll any autom	natic timeframe.]
Notes:		
Sections I and II are pursuant to Ohio Administrative Code (OAC)) <u>4901:1-6</u> .	
Section III – Part I - Carrier to Carrier is pursuant to OAC $4901:1-7$		C <u>4901:1-3</u>
Section III – Part II - Wireless is pursuant to OAC <u>4901:1-6-24</u> .		
Section IV – Attestation.		

- (1) Indicate the Carrier Type and the reason for submitting this form by checking the boxes below.
- (2) For requirements for various applications, see identified section of the Ohio Administrative Code Chapter 4901 and/or the supplemental application form noted.
- (3) Information regarding the number of copies required by the PUCO may be obtained from the PUCO's website at www.PUCO.ohio.gov under the docketing information system section (Procedural filing requirements), by calling the Docketing Division at 614-466-4095 or by visiting the Docketing Division at the offices of the PUCO.
- (4) An Incumbent Local Exchange Carrier (ILEC) offering basic local exchange service (BLES) outside its traditional service area should choose CLEC designation when proposing to offer BLES outside its traditional service area or when proposing to make changes to that service.

All filings that result in a change to one or more tariff pages require, at a minimum, the following exhibits:

Exhibit	Description:
A	The tariff pages subject to the proposed change(s) as they exist before the change(s).
В	The tariff pages subject to the proposed change(s), reflecting the change, with the change(s) marked in the right margin.
С	A short description of the nature of the change(s), the intent of the change(s), and the customers affected.
D	A copy of the notice provided to customers, along with an affidavit that the notice was provided according to the applicable rule(s).

Section I – Part I - Common Filings:

Carrier Type: ☐ Other (Explain below)	For Profit ILEC	Not for Profit ILEC	CLEC
Change terms & conditions of existing BLES.	☐ ATA <u>1-6-14(I)(2)</u> (Auto 30 days)	☐ ATA <u>1-6-14(I)</u> (Auto 30 days)	☐ ATA <u>1-6-14(I)</u> (Auto 30 days)
Introduce non-recurring charge, surcharge or fee to BLES	☐ ATA <u>1-6-14(I)</u> (Auto 30 days)		☐ ATA <u>1-6-14(J)</u> (Auto 30 days)
Introduce or Increase Late Payment	☐ ATA <u>1-6-14(J)</u> (Auto 30 days)	\square ATA $\underline{1-6-14(J)}$ (Auto 30 days)	\square ATA $\underline{1-6-14(J)}$ (Auto 30 days)
Revisions to BLES Cap	☐ ZTA <u>1-6-14(E)</u> (0 day notice)		
Introduce BLES or expand local service area (calling area)	☐ ZTA <u>1-6-14(E)</u> (0 day notice)	\square ZTA <u>1-6-14(E)</u> (0 day notice)	\square ZTA <u>1-6-14(E)</u> (0 day notice)
Change BLES Rates	$\Box \text{ TRF } \underline{1\text{-}6\text{-}14(E) \& (G)}$ (0 day notice)	\Box TRF <u>1-6-14(E)</u> (0 day notice)	\square TRF <u>1-6-14(H)</u> (0 day notice)
To obtain BLES pricing flexibility	\square BLS <u>1-6-14(C)(1)(c)</u> (Auto 30 days)		
Notice of no obligation to construct facilities and provide BLES	☐ ZTA <u>1-6-27(C)</u> (0 day notice)	☐ ZTA <u>1-6-27(C)</u> (0 day notice)	
Change in boundary	☐ ACB <u>1-6-32</u> (Auto 14 days)	☐ ACB <u>1-6-32</u> (Auto 14 days)	
Expand service operation area			\square TRF <u>1-6-08(G)</u> (0 day notice)
BLES withdrawal	☐ WBL <u>4927.10</u> (120 day notice)		\square ZTA <u>1-6-25(B)</u> (0 day notice)
Other (explain):			
Other exhibits may be required under the applicable rule, see the 4901:106-14(E) Filing Requirements on the PUCO's			

Section I – Part II – Customer Notification Offerings Pursuant to Chapter 4901:1-6-07 OAC

Type of Notice	Direct Mail	Bill Insert	Bill Notation	Electronic Mail
☐ 15-day Notice				
☐ 30-day Notice				
Date Notice Sent:				

Section I – Part III – Inmate Operator Service Pursuant to Chapter 4901:1-6-22 OAC

Introduce New Tariff Change		Price Change	Withdraw	
□TRF	□ATA	□TRF	□UNC	
(0 day notice)	(Auto 30 days)	(0 day notice)	(Non-Auto)	

^{*}Other exhibits may be required under the applicable rule, see the 4901:106-14(E) Filing Requirements on the PUCO's webpage for a complete list of exhibits.

Section II – Part I – Carrier Certification – Pursuant to Chapter 4901:1-6-08 & 10 OAC and Competitive Eligible Telecommunications Carrier Designation (CETC) – Pursuant to Chapter 4901:1-6-09 OAC

ILEC (Out of territory)	CLEC	Telecommunications Service Provider Not Offering Local Service	CESTC	CETC
☐ ACE <u>1-6-08</u>	□ ACE <u>1-6-08</u>	□ ACE <u>1-6-08</u>	☐ ACE 1-6-10	□ UNC 1-6-09
(Auto 30-day)*	(Auto 30-day)*	(Auto 30-day)*	(Auto 30-day)	(Non-Auto)*

^{*}Supplemental forms can be found on the PUCO webpage - Telecommunications application forms.

Section II - Part II - Change in Operation or Ownership

Change in Operation or Ownership	ILEC	CLEC	Telecommunications Service Provider Not Offering Local Service
Abandon all services		☐ ABN <u>1-6-26</u> (Auto 30 days)	☐ ABN <u>1-6-26</u> (Auto 30 days)
Change of official name *	☐ ACN <u>1-6-29(B)</u> (Auto 30 days)	☐ ACN <u>1-6-29(B)</u> (Auto 30 days)	☐ <u>CIO 1-6-29(C)</u> (0-day notice)
Change in ownership *	☐ ACO <u>1-6-29(E)(1)</u> (Auto 30 days)	☐ ACO <u>1-6-29(E)(1)</u> (Auto 30 days)	☐ <u>CIO 1-6-29(C)</u> (0-day notice)
Merger *	□ AMT $1-6-29(E)(1)$ (Auto 30 days)	□ AMT $\frac{1-6-29(E)(1)}{(Auto 30 days)}$	☐ <u>CIO 1-6-29(C)</u> (0-day notice)
Transfer certificate *	\Box ATC <u>1-6-29(B)</u> (Auto 30 days)	\square ATC <u>1-6-29(B)</u> (Auto 30 days)	☐ <u>CIO 1-6-29(C)</u> (0-day notice)
Transaction for transfer or lease of property, plant or business *	☐ ATR <u>1-6-29(B)</u> (Auto 30 days)	☐ ATC <u>1-6-29(B)</u> (Auto 30 days)	☐ <u>CIO 1-6-29(C)</u> (0-day notice)
FCC Authorized Change in Ownership or Merger	☐ CIO <u>1-6-29 (E)(2)</u> (0-day notice)	☐ CIO <u>1-6-29 (E)(2)</u> (0-day notice)	☐ CIO <u>1-6-29 (E)(2)</u> (0-day notice)

^{*}Other exhibits may be required under the applicable rule(s). ACN, ACO, AMT, ATC, ATR, and CIO applications see the 4901:1-6-29 Filing Requirements on the PUCO webpage for a complete list of exhibits.

Section III – Part I - Carrier to Carrier (Pursuant to 4901:1-7) & Attachments to Utility Equipment or Rights of Way (Pursuant to 4901:1-3)

Carrier to Carrier	ILEC	CLEC
Interconnection agreement or amendment to	⊠ NAG <u>1-7-07</u>	□ NAG <u>1-7-07</u>
an approved agreement	(Auto 90 days)	(Auto 90 days)
Request for arbitration	□ ARB <u>1-7-09</u>	□ ARB <u>1-7-09</u>
Request for arbitration	(Non-Auto)	(Non-Auto)
Introduces on change convicu to convicu to wife	□ ATA <u>1-7-14</u>	□ ATA <u>1-7-14</u>
Introduce or change carrier to carrier tariffs	(Auto 30 days)	(Auto 30 days)
Request rural carrier exemption, rural carrier	□ UNC <u>1-7-04 or 05</u>	
suspension or modification	(Auto 30 days)	
Changes in rates, terms & conditions to pole	□ ∧ ⊤ ∧ 1 2 04	
attachments, conduit occupancy and rights of	☐ ATA <u>1-3-04</u>	
way. (13-579-AU-ORD 11/30/16 Entry)	(Auto 60 days)	

Section III – Part II – Facilities-based Wireless Service Providers (Pursuant to 4901:1-6-24)

Registration and Change in Operations*	□ RCC <u>1-6-24(B)</u>
	(0 day notice)
Interconnection Agreement or amendment to an approved	□ NAG <u>1-7-07</u>
Agreement. *Change in Operations filing must be filed in the original RCC of	(0 day notice)
process.	tase designation code established during the registration
Section IV. – Attestation	
Registrant hereby attests to it compliance with the pertine	nt entries and orders issued by the Commission.
<u>AFFIDA</u>	<u>.VIT</u>
Compliance with Co	mmission Rules
I am an officer/agent of the applicant corporation, AT&T Ohio, and Richard T. Howell (Name)	d am authorized to make this statement on its behalf.
Please check All that apply:	
\Box I attest that these tariffs comply with all applicable rules for the not imply Commission approval and that the Commission's rules, contradictory provisions in our tariff. We will fully comply with the noncompliance can result in various penalties, including the suspensions.	, as modified and clarified from time to time, supersede any the rules of the State of Ohio and understand that
\Box I attest that customer notices accompanying this filing form we accordance with Ohio Adm. Code 4901:1-6-7.	re sent to affected customers, as specified in Section II, in
I declare under penalty of perjury that the foregoing is true and co	prrect.
Executed on Click here to enter text. at Click here to enter text.	

Date

*Signature and Title

^{*}This affidavit is required for every tariff-affecting filing. It may be signed by counsel, an officer of the applicant or an authorized agent of the applicant.

VERIFICATION

I, Richard 1. Howell, verify I have utilized the Telecommunications Filing Form for the most proceedings provided by the			
Commission and that all of the information submitted here and all additional information in connection with this case, is true			
and correct to the best of my knowledge.			
/s/ Richard T. Howell, Area Manager-Regulatory Relations	December 10, 2020		
*Signature and Title	Date		
*Verification is required for every filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the applicant.			
	0 11		

File document electronically as directed in case number 06-900-AU-WVR

or

Send your completed Filing Form, including all required attachments as well as the required number of copies to:

Public Utilities Commission of Ohio Attention: Docketing Division 180 East Broad Street, Columbus, OH 43215-3793

Contract Id: 7703633

Signature Page/AT&T-21STATE Page 1 of 2 QUANTUMSHIFT COMMUNICATIONS, INC. Version: 4Q15 – 10/19/15

AMENDMENT

BETWEEN

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, NEVADA BELL TELEPHONE COMPANY D/B/A AT&T NEVADA AND AT&T WHOLESALE, 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 AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

AND

QUANTUMSHIFT COMMUNICATIONS, INC., QUANTUMSHIFT COMMUNICATIONS, INC. D/B/A VCOM SOLUTIONS



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Signature:	eSigned - Jenna Brown	_ Signature: _	eSigned - Kristen Shore	
Name:	eSigned - Jenna Brown	Name:	eSigned - Kristen Shore	
	(Print or Type)	_	(Print or Type)	
Title: Sr. Dir	rector, Partner & Compliance Manag	jemen _{title:}	AVP Regulatory	
	(Print or Type)		(Print or Type)	
Date:	29 Sep 2020	_ Date:	29 Sep 2020	

QuantumShift Communications, Inc., QuantumShift Communications, Inc. d/b/a VCOM SOLUTIONS

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, Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale, 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 and AT&T TEXAS, Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN by AT&T Services, Inc., its authorized agent

AMENDMENT TO THE AGREEMENT BETWEEN

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, NEVADA BELL TELEPHONE COMPANY D/B/A AT&T NEVADA AND AT&T WHOLESALE, 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, AND AT&T TEXAS AND

QUANTUMSHIFT COMMUNICATIONS, INC., QUANTUMSHIFT COMMUNICATIONS, INC. D/B/A VCOM SOLUTIONS

This Amendment (the "Amendment") amends the Agreement(s) by and between AT&T and CARRIER 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 CARRIER 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 UNE and Resale Forbearance 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, Exhibit B, 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 a, CLEC may no longer purchase any resale services pursuant to the rates, terms and conditions of this Agreement, including any resale Tariff referred to in this Agreement, other than the rates, terms and conditions provided for in Attachment 251(b)(1) Resale.
 - a. Resale services ordered on or before February 1, 2020 ("Resale Embedded Base"), are grandfathered until August 2, 2022, 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.
- 3. Add Attachment 251(b)(1) Resale to the Agreement.
- 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.
 - 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 Analog Loops and CLEC will be responsible for all recurring and non-recurring charges:

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QuantumShift Communications, Inc.

- 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), or
- iv. disconnect.
- b. AT&T reserves the right 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").
 - CLEC must 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.
 - 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. 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. Notice will include applicable transition periods and any changes to rate(s), term(s) and/or condition(s) to the underlying Agreement.
- 7. 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.
- 8. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
- 9. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

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- 10. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterpart shall together constitute one and the same instrument.
- 11. For Illinois, Indiana, Kansas, Michigan, Nevada, Texas: This Amendment shall be filed with and is subject to approval by the applicable state Commission and shall become effective ten (10) days following approval by such Commission. For Arkansas: This Amendment shall be filed with the Arkansas Public Service Commission and shall become effective upon filing. For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91st day after filing. For California: Pursuant to Resolution ALJ 257, this filing will become effective, absent rejection of the Advice Letter by the Commission, upon thirty (30) days after the filing date of the Advice Letter to which this Amendment is appended. For Wisconsin: Pursuant to Wisconsin Statute § 196.40, this Amendment shall become effective ten (10) days after the mailing date of the final order approving this Amendment.

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Attachment 16b – Resale 251(b)(1)/AT&T-21STATE Page 1 of 6 QUANTUMSHIFT COMMUNICATIONS, INC. Version: 3Q19 - CLEC ICA – 09/11/19

ATTACHMENT 16b – 251(b)(1) RESALE

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1.0 INTRODUCTION

- 1.1 This Attachment sets forth terms and conditions for Section 251(b)(1) resale services ("Resale Services") provided by AT&T-21STATE to CLEC.
- Pursuant to Section 251(b)(1), beginning February 2, 2020, CLEC may order and AT&T-21STATE shall make available to CLEC for resale, pursuant to the rates, terms and conditions of this Attachment, Telecommunications Services that AT&T-21STATE provides at retail to End Users who are not Telecommunications Carriers. Beginning August 2, 2022, this Attachment shall govern all Resale Services CLEC purchases from AT&T-21STATE, including Resale Services that were purchased prior to August 2, 2022 pursuant to other provisions of this Agreement and/or resale tariff and that remain in service as of that date ("Resale Embedded Base").

2.0 GENERAL PROVISIONS

- 2.1 AT&T-21STATE's obligation to provide Resale Services under this Attachment is subject to availability of existing facilities. CLEC may resell Telecommunications Services provided hereunder only in those service areas in which such Resale Services or any feature or capability thereof are currently offered to AT&T-21STATE's End Users at retail.
- 2.2 Notwithstanding any other provision in this Agreement or in any applicable Tariff, once a retail service has been grandfathered it is available to CLEC for resale pursuant to the rates, terms and conditions of the state-specific retail Tariff and only:
 - (i) to the same End User; and
 - (ii) at that same End User's existing location;
 - (iii) both as of the time of that service's grandfathering.
- 2.3 AT&T-21STATE may withdraw the availability of certain Telecommunication Services that AT&T-21STATE previously provisioned to CLEC or retail End Users pursuant to C.F.R 51.325 through 51.335 as such rules may be amended from time to time (the "Network Disclosure Rules").
- 2.4 CLEC shall not use any Resale Services to avoid the rates, terms and conditions of AT&T-21STATE's corresponding retail Tariff(s). Moreover, CLEC shall not use any Resale Services to provide access or interconnection services to itself, interexchange carriers (IXCs), wireless carriers, competitive access providers (CAPs), interconnected VoIP providers (IVPs), mobile virtual network operators (MVNOs), or other Telecommunications providers; provided, however, that CLEC may permit its End Users to use resold local exchange telephone service to access IXCs, wireless carriers, CAPs, or other retail Telecommunications providers. CLEC may not resell any Resale Services to another CLEC, including its own Affiliate(s).
- 2.5 Except as otherwise expressly provided herein, the state-specific retail Tariff(s) shall govern the rates, terms and conditions associated with the Telecommunications Services available to CLEC for resale, except for any resale restrictions; provided, however, that any restrictions on further resale by the End User shall continue to apply. CLEC and its End Users may not use Resale Services in any manner not permitted for AT&T-21STATE's End Users. Any change to the rates, terms and conditions of any applicable Tariff is automatically incorporated herein and is effective hereunder on the date any such change is effective.
- 2.6 CLEC shall only sell Plexar®, Centrex and Centrex-like services to a single End User or multiple End User(s) in accordance with the terms and conditions set forth in the retail Tariff(s) applicable to the state(s) in which service is being offered.
- 2.7 Except where otherwise explicitly permitted in AT&T-21STATE's Tariff(s), CLEC shall not permit the sharing of Resale Services by multiple End User(s) or the aggregation of traffic from multiple End User(s) onto a single service.
- 2.8 CLEC shall only provide Resale Services under this Attachment to the same category of End User(s) to which AT&T-21STATE offers such services (for example, residence service shall not be resold to business End Users).
- 2.9 Special Needs Services are services for the physically disabled as defined in state-specific Tariffs. Where available for resale in accordance with state-specific Tariffs, CLEC may resell Special Needs Services to End Users who are eligible for each such service. To the extent CLEC provides Resale Services that require certification on the part of

Attachment 16b – Resale 251(b)(1)/AT&T-21STATE Page 4 of 6 QUANTUMSHIFT COMMUNICATIONS, INC.

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the End User, CLEC shall ensure that the End User meets all the Tariff eligibility requirements, has obtained proper certification, continues to be eligible for the program(s), and complies with all rules and regulations as established by the appropriate Commission and state Tariffs.

- When ordering Resale Services that have an eligibility requirement (e.g., available only in a "retention", "winback", or "competitive acquisition" setting), CLEC shall maintain (and provide to AT&T-21STATE upon reasonable request) appropriate documentation, including, but not limited to, original End User service order data, evidencing the eligibility of its End User(s) for such offering or promotion. AT&T-21STATE may request up to one (1) audit for each promotion per twelve (12) month period that may cover up to the preceding twenty-four (24) month period.
- 2.11 Promotions of ninety (90) calendar days or less ("Short-Term Promotions") shall not be available for resale. Promotions lasting longer than ninety (90) calendar ("Long-Term Promotions") may be made available for resale. AT&T 21-STATE may eliminate any Resale Discount on all or certain Long-Term Promotions by providing a 45-day notice of such elimination.
- 2.12 If CLEC is in violation of any provision of this Attachment, AT&T-21STATE will notify CLEC of the violation in writing ("Resale Notice"). Such Resale Notice shall refer to the specific provision being violated. CLEC will have the breach cure period as specified in the General Terms and Conditions of this Agreement to correct the violation and notify AT&T-21STATE in writing that the violation has been corrected. AT&T-21STATE will bill CLEC the greater of:
 - (i) the charges that would have been billed by AT&T-21STATE to CLEC or any Third Party but for the stated violation; or
 - (ii) the actual amounts CLEC billed its End User(s) in connection with the stated violation.
- 2.13 Notwithstanding any other provision of this Agreement, CLEC acknowledges and agrees that the assumption or resale to similarly-situated End Users of customer specific arrangement contracts, individual case basis contracts, or any other customer specific pricing contract is not addressed in this Agreement and that if CLEC would like to resell such arrangements, it may only do so consistent with applicable law and after negotiating an amendment hereto that establishes the rates, terms and conditions thereof. Such amendment will only be effective upon written execution by both Parties and approval by the Commission(s).
- 2.14 Except where otherwise required by law, CLEC shall not, without AT&T-21STATE's prior written authorization, offer the services covered by this Attachment using the trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of AT&T-21STATE or its Affiliates, nor shall CLEC state or imply that there is any joint business association or similar arrangement with AT&T-21STATE in the provision of Telecommunications Services to CLEC's End Users.

3.0 PRICING AND DISCOUNTS

- "Resale Discount" means the applicable discount off retail rates applied to AT&T-21STATE Telecommunications Services resold by CLEC to its End Users. Any change to the rates, terms and conditions of any applicable retail Tariff is automatically incorporated herein and is effective hereunder on the date any such change is effective.
- The Resale Discounts in the underlying Interconnection will apply until AT&T-21STATE provides notification of change to the Resale Discounts. AT&T-21STATE will provide such notification at least three (3) months in advance of any change to current Resale Discounts. Changes to the Resale Discounts will be posted to AT&T CLEC Online and will be incorporated by reference upon the effective date stated therein. For avoidance of doubt, changes to Resale Discounts do not apply to Embedded Base Resale until August 2, 2022.

4.0 RESPONSIBILITIES OF PARTIES

- 4.1 CLEC shall be responsible for modifying and connecting any of its systems with AT&T-21STATE-provided interfaces, as outlined in Attachment 07 Operations Support Systems (OSS), and CLEC agrees to abide by AT&T-21STATE procedures for ordering Resale Services. CLEC shall obtain End User authorization as required by applicable federal and state laws and regulations and assumes responsibility for applicable charges as specified in Section 258(b) of the Act.
- 4.2 CLEC shall release End User accounts in accordance with the directions of its End Users or an End User's authorized

- agent. When a CLEC End User switches to another carrier, AT&T-21STATE may reclaim the End User or process orders for another carrier, as applicable.
- 4.3 CLEC will have the ability to report trouble for its End Users to the appropriate AT&T-21STATE maintenance center(s) as provided in the CLEC Online Handbook(s). CLEC End Users calling AT&T-21STATE will be referred to CLEC at the telephone number(s) provided by CLEC to AT&T-21STATE. Nothing herein shall be interpreted to authorize CLEC to repair, maintain, or in any way touch AT&T-21STATE's network facilities, including without limitation those facilities on End User premises.
- 4.4 CLEC's End Users' that activate Call Trace, or who are experiencing annoying calls, should contact law enforcement. Law Enforcement works with the appropriate AT&T-21STATE operations centers responsible for handling such requests. AT&T-21STATE shall notify CLEC of requests by its End Users to provide call records to the proper authorities. Subsequent communication and resolution of each case involving one of CLEC's End Users (whether that End User is the victim or the suspect) will be coordinated through CLEC. AT&T-21STATE shall be indemnified, defended and held harmless by CLEC and/or the End User against any claim, loss or damage arising from providing this information to CLEC. It is the responsibility of CLEC to take the corrective action necessary with its End User who makes annoying calls. Failure to do so will result in AT&T-21STATE taking corrective action, up to and including disconnecting the End User's service.
- 4.5 CLEC acknowledges that information AT&T-21STATE provides to law enforcement agencies at the agency's direction (e.g., Call Trace data) shall be limited to available billing number and address information. It shall be CLEC's responsibility to provide additional information necessary for any law enforcement agency's investigation.
 - 4.5.1 In addition to any other indemnity obligations in this Agreement, CLEC shall indemnify AT&T-21STATE against any Claim that insufficient information led to inadequate prosecution.
 - 4.5.2 AT&T-21STATE shall handle law enforcement requests in accordance with the Law Enforcement provisions of the General Terms and Conditions of this Agreement.

5.0 BILLING AND PAYMENT OF RATES AND CHARGES

- 5.1 CLEC is solely responsible for the payment of all charges for all services furnished under this Attachment, including but not limited to calls originated or accepted at CLEC's location and its End Users' service locations.
 - 5.1.1 Interexchange carrier traffic (e.g., sent-paid, information services and alternate operator services messages) received by AT&T-21STATE for billing to Resale End User accounts will be returned as unbillable and will not be passed to CLEC for billing. An unbillable code will be returned with those messages to the carrier indicating that the messages were generated by a Resale account and will not be billed by AT&T-21STATE.
- 5.2 AT&T-21STATE shall not be responsible for how the associated charges for Resale Services may be allocated to End Users or others by CLEC. Applicable rates and charges for services provided to CLEC under this Attachment will be billed directly to CLEC and shall be the responsibility of CLEC.
 - 5.2.1 Charges billed to CLEC for all services provided under this Attachment shall be paid by CLEC regardless of CLEC's ability or inability to collect from its End Users for such services.
 - 5.2.2 If CLEC does not wish to be responsible for payment of charges for toll and information services (for example, 900 calls), CLEC must order the appropriate available blocking for lines provided under this Attachment and pay any applicable charges. It is CLEC's responsibility to order the appropriate toll restriction or blocking on lines resold to End Users. CLEC acknowledges that blocking is not available for certain types of calls, including without limitation 800, 888, 411 and Directory Assistance Call Completion. Depending on the origination point, for example, calls originating from correctional facilities, some calls may bypass blocking systems. CLEC acknowledges all such limitations and accepts all responsibility for any charges associated with calls for which blocking is not available and any charges associated with calls that bypass blocking systems.
- 5.3 CLEC shall pay the Federal End User Common Line (EUCL) charge and any other appropriate FCC or Commission-approved charges, as set forth in the appropriate Tariff(s), for each local exchange line furnished to CLEC under this Attachment.

Attachment 16b – Resale 251(b)(1)/AT&T-21STATE Page 6 of 6 QUANTUMSHIFT COMMUNICATIONS, INC. Version: 3Q19 - CLEC ICA – 09/11/19

To the extent allowable by law, CLEC shall be responsible for both Primary Interexchange Carrier (PIC) and Local Primary IntraLATA Presubscription (LPIC) change charges associated with each local exchange line furnished to CLEC under this Attachment. CLEC shall pay all charges for PIC and LPIC changes at the rates set forth in the Pricing Schedule or, if any such rate is not listed in the Pricing Schedule, then as set forth in the applicable Tariff.

6.0 ANCILLARY SERVICES

- 6.1 E911 Emergency Service: The terms and conditions for the provision of AT&T-21STATE 911 services are contained in Attachment 911/E911.
- Payphone Services: CLEC may provide certain local Telecommunications Services to Payphone Service Providers (PSPs) for PSPs' use in providing payphone service. Rates for Payphone Services are established under the provisions of Section 276 of the Federal Telecommunications Act of 1996 and are not eligible for the Resale Discount unless required by State Commission order(s). However, given certain billing system limitations, the Resale Discount may be applied to Payphone Services, unless and until AT&T-21STATE is able to modify its billing system, AT&T-21STATE may issue true-up bills in accordance with the provisions set forth in the General Terms and Conditions.

7.0 SUSPENSION OF SERVICE

- 7.1 See applicable Tariff(s) for rates, terms and conditions regarding Suspension of Service.
- 7.2 AT&T-21STATE will offer Suspension of Service to CLEC for CLEC initiated suspension of service of the CLEC's End Users. This service is not considered a Telecommunications Service and will receive no Resale Discount.

					T
State	Product UNBUNDLED EXCHANGE ACCESS	Rate Element Description	COS (Class of Service)	USOC	Zone
AR	LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
AIX	UNBUNDLED EXCHANGE ACCESS	2-Wire Arialog Loop - Zone i (Rural)		021	+ '
AR	LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
	UNBUNDLED EXCHANGE ACCESS			-	
AR	LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
l	UNBUNDLED EXCHANGE ACCESS				
AR	LOOP UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Loop - Zone 1 (Rural)		U4H	1
AR	LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
AIN	UNBUNDLED EXCHANGE ACCESS	4-Wire Arialog Loop - Zorie 2 (Suburbari)		0411	
AR	LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Loop Cross Connect to Collocation -			
AR	LOOP	Cross Connect		UCXC2	
	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Loop to Collocation (without testing) -			
AR	LOOP	Cross Connect		UCXD2	
A.D.	UNBUNDLED EXCHANGE ACCESS	4 Mire Angles Lean to Collegation Cross Connect		UCXC4	
AR	UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Loop to Collocation - Cross Connect 4-Wire Analog Loop to Collocation (without testing) -		UCXC4	-
AR	LOOP	Cross Connect		UCXD4	
, u v		Ologo Golilloot		OO/LD-7	+
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile		ULNHS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile		ULNHS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile		ULNJS	
_ AD	LINDUNDI ED DEDIGATED TRANSPORT	DT DOO Interesting Transport Food Addition 1849		LILALIC	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile		ULNJS	+
AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation		UCXHX	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation		UCXJX	
AR	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	

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Exhibit A

State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone
AR		DS3 to DS1 - Multiplexing		UM4AX	
AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Zone 1	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	LKB	1
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Zone 2	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	LKB	2
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Zone 3	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	LKB	3
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Statewide	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	LKB	
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Zone 1	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	LKBAA	1
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Zone 2	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	LKBAA	2
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Zone 3	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	LKBAA	3

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
State	Froduct	Rate Element Description	COS (Class of Service)	0300	Zone
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
C A	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Statewide (OANAD Terminology - Basic or Assured Link - 2-Wire)	L9X++, LAX++, LBX++, LCX++, LWX++,	LKBAA	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic of Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	LNDAA	
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
	LINEUNEL ED EVOLUNIOS ACCESO LOCA	2-Wire Analog Loop Zone 1	L9X++, LAX++, LBX++, LCX++, LWX++,	A.E.I.(D.	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	AELKB	1
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Zone 2	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	AELKB	2
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Zone 3	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	AELKB	3
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Statewide	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	AELKB	
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Zone 1	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	AELKA	1
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
			L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Zone 2	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	AELKA	2

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			FEZT. FEZU. DOL DOL 12V		
			EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++,		
		2-Wire Analog Loop Zone 3	L9X++, LAX++, LBX++, LCX++, LWX++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - Basic or Assured Link - 2-Wire)	L1X++, L2X++, L32++, L33++, L36++	AELKA	3
			EE7T+, EE7U+, BCL++, RCL++,L3X++,		
		O.Wine Anales I are Obstantia	L4X++, L5X++, L6X++, L7X++, L8X++,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Statewide (OANAD Terminology - Basic or Assured Link - 2-Wire)	L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKA	
- 0, (CHECKEL EXCLUSIVE CONTRACT CON	(O/W/ 12 Forminology Busic of Austrica Ellik 2 Willo)	EE71+, EE72+, EE73+, EE75+, EE76+,	7 LLIO	
		4-Wire Analog Loop Zone 1	EE77+, EE78+, EE79+, EE7X+, EE7Y+,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - 4-Wire Link)	EE7Z+, EE74+	LK4WA	1
			EE71+, EE72+, EE73+, EE75+, EE76+,		
0.0	LINDUNDI ED EVOLIANOE ACCESSI COD	4-Wire Analog Loop Zone 2	EE77+, EE78+, EE79+, EE7X+, EE7Y+,	1.12.43.47.4	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - 4-Wire Link)	EE7Z+, EE74+ EE71+, EE72+, EE73+, EE75+, EE76+,	LK4WA	2
		4-Wire Analog Loop Zone 3	EE77+, EE78+, EE79+, EE7X+, EE7Y+,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - 4-Wire Link)	EE7Z+, EE74+	LK4WA	3
			EE71+, EE72+, EE73+, EE75+, EE76+,		
			EE77+, EE78+, EE79+, EE7X+, EE7Y+,		
CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Statewide	EE7Z+, EE74+	LK4WA	
		4-Wire Loop - CO Facility Interface Connection			
CA	UNBUNDLED EXCHANGE ACCESS LOOP	(OANAD Terminology - 4-Wire - CO Facility Interface Connection)		3F74X	
		Interoffice Transport DS-1 Fixed Mileage (OANAD Terminology -			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Fixed Mileage)	CT1++, EE7M+	1L5UB	
	LINEUND ED DEDIGATED TRANSPORTE	Interoffice Transport DS-1 Variable Mileage (OANAD Terminology -			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Variable Mileage per mile) Interoffice Transport DS-3 Fixed Mileage (OANAD Terminology -			1
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS-3 Fixed Mileage (OANAD Terminology -	CT3++, EE7P+, EE7Q+	1L5UB	
	CHECKEL DEDICATED TO MICH SIN	Desired Transport Do or Mod Millougo)	010, LL11., LL10.	ILOOD	
		Interoffice Transport DS-3 Variable Mileage (OANAD Terminology -			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS-3 Variable Mileage per mile)			
	UNDUNDUED DEDUCATED TRANSPORT	MULTIPLEXING - DS-1/DS-0 MUX	074 55784.	MOALID	
CA	UNBUNDLED DEDICATED TRANSPORT	(OANAD Terminology - DS0/DS1) MULTIPLEXING - DS-3/DS-1 MUX	CT1++, EE7M+	MQ1UB	1
CA	UNBUNDLED DEDICATED TRANSPORT	(OANAD Terminology - DS1/DS3)	CT3++, EE7P+, EE7Q+	MQ3UB	
٥, ١	C.I.S.I.S.L.D DEDIGITLED HVIIGI OITI	(Cr. L. L. C	010, 2271., 2274	MQUUD	

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	T				
State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
•	LINE INDIANCE OF DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - Multiplexing			
CA	UNBUNDLED DEDICATED TRANSPORT	DS1/DS0 (Mechanized)			
0.4	LINDUNDUED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect -	070 5570 5570	MOOLIO	
CA	UNBUNDLED DEDICATED TRANSPORT	MultiplexingDS3/DS1 (CESAR/LEX - Simple) Non Recurring Service Order/Channel Rates - Connect -	CT3++, EE7P+, EE7Q+	MQ3UC	
CA	UNBUNDLED DEDICATED TRANSPORT	MultiplexingDS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	HOX91	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - Multiplexing	C13++, EE7P+, EE7Q+	похэт	
CA	UNBUNDLED DEDICATED TRANSPORT	DS3/DS1 (Mechanized)			
CA	ONBONDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect -			+
CA	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	MQ1UD	
CA	ONBONDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect -	CTTTT, EL7IMT	MQTOD	+
CA	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	HOX99	
0/1	ONDONDEED DEDICATED INVINCTION	Non Recurring Service Order/Channel Rates - Disconnect -	OTT T, EETW	1107.00	-
CA	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1/DS0 (Mechanized)			
0, 1	01130113223 3231071123 1101101 0111	Non Recurring Service Order/Channel Rates - Disconnect -			
CA	UNBUNDLED DEDICATED TRANSPORT	MultiplexingDS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UD	
		Non Recurring Service Order/Channel Rates - Disconnect -			
CA	UNBUNDLED DEDICATED TRANSPORT	MultiplexingDS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	HOX99	
		Non Recurring Service Order/Channel Rates - Disconnect -			
CA	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3/DS1 (Mechanized)			
		Non Recurring Service Order/Channel Rates - Change - Multiplexing			
CA	UNBUNDLED DEDICATED TRANSPORT	DS1/DS0 (CESAR/LEX - Simple)			
		Non Recurring Service Order/Channel Rates - Change - Multiplexing			
CA	UNBUNDLED DEDICATED TRANSPORT	DS1/DS0 (Mechanized)			
		Non Recurring Service Order/Channel Rates - Change -			
CA	UNBUNDLED DEDICATED TRANSPORT	MultiplexingDS3/DS1 (CESAR/LEX - Simple)			
		Non Recurring Service Order/Channel Rates - Change - Multiplexing			
CA	UNBUNDLED DEDICATED TRANSPORT	DS3/DS1 (Mechanized)			
		Non Recurring Service Order/Channel Rates - Record - Multiplexing			
CA	UNBUNDLED DEDICATED TRANSPORT	DS1/DS0 (CESAR/LEX - Simple)			_
		Non Recurring Service Order/Channel Rates - Record - Multiplexing			
CA	UNBUNDLED DEDICATED TRANSPORT	DS1/DS0 (Mechanized)			
0.4	LINDUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record -			
CA	UNBUNDLED DEDICATED TRANSPORT	MultiplexingDS3/DS1 (CESAR/LEX - Simple)			
C 4	LINDUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing			
CA	UNBUNDLED DEDICATED TRANSPORT	DS3/DS1 (Mechanized) Non Recurring Service Order/Channel Rates - Interoffice			+
		Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS1 - Initial (Manual/Fax - Complex)	CT1++, EE7M+	HOX88	
0.7	STRUCTULED DEDICATED TRANSPORT	Dodioalog Harisport Do 1 - Illinai (Maridal/1 ax - Collipiex)	OTT, LL/IVIT	110/100	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		Non Recurring Service Order/Channel Rates - Interoffice			
1		Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital			
CA	UNBUNDLED EXCHANGE ACCESS LOOP	Dedicated Transport DS1 - Initial (CESAR/LEX - Complex)	CT1++, EE7M+	1L5UC	
		Non Recurring Service Order/Channel Rates - Interoffice			
		Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital			
CA	UNBUNDLED EXCHANGE ACCESS LOOP	Dedicated Transport DS1 - Initial (Mechanized)	CT1++, EE7M+	MOX88	
		Non Recurring Service Order/Channel Rates - Interoffice	*		
		Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital			
CA	UNBUNDLED EXCHANGE ACCESS LOOP	Dedicated Transport DS3 - Initial (Manual/Fax - Complex)	CT3++, EE7P+, EE7Q+	HOX88	
		Non Recurring Service Order/Channel Rates - Interoffice			
		Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS3 - Initial (CESAR/LEX Complex)	CT3++, EE7P+, EE7Q+	1L5UC	
		Non Recurring Service Order/Channel Rates - Interoffice	, , , , , , , , , , , , , , , , , , , ,		
		Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS3 - Initial (Mechanized)	CT3++, EE7P+, EE7Q+	MOX88	
0, 1	ONDONOLED BEBIONNES INC. ON	Dealeated Transport Deer Timilar (Mediatrical)	0.000, 22.110, 22.100	ortoo	
		Non Recurring Service Order/Channel Rates - Interoffice			
		Transmission Facilities - (IOF) Dedicated Transport - Disconnect -			
CA	UNBUNDLED DEDICATED TRANSPORT	Digital Dedicated Transport DS1 - Initial (Manual/Fax - Complex)	CT1++, EE7M+	HOX98	
OA	ONDONDEED DEDICATED TRANSFORT	Digital Dedicated Transport DoT - Illitial (Walldain ax - Complex)	OTTO, ELTIMO	110730	
		Non Recurring Service Order/Channel Rates - Interoffice			
		Transmission Facilities - (IOF) Dedicated Transport - Disconnect -			
CA	UNBUNDLED DEDICATED TRANSPORT	Digital Dedicated Transport DS1 - Initial (CESAR/LEX - Complex)	CT1++, EE7M+	1L5UD	
CA	UNBUNDLED DEDICATED TRANSPORT	Digital Dedicated Transport DST - Initial (CESAR/LEX - Complex)	CTT++, EE7M+	ILOUD	
		N D : 0 : 0 (0) 1D 1 () (7)			
		Non Recurring Service Order/Channel Rates - Interoffice			
0.4	LINDUNDI ED DEDICATED TRANSPORT	Transmission Facilities - (IOF) Dedicated Transport - Disconnect -	OT4	MOYOO	
CA	UNBUNDLED DEDICATED TRANSPORT	Digital Dedicated Transport DS1 - Initial (Mechanized)	CT1++, EE7M+	MOX98	
		New Bassesian ContactObs 15 1 1 7			
		Non Recurring Service Order/Channel Rates - Interoffice			
	LINDUND ED DEDIGATED TRANSPORT	Transmission Facilities - (IOF) Dedicated Transport - Disconnect -	070 5570 5570	110,400	
CA	UNBUNDLED DEDICATED TRANSPORT	Digital Dedicated Transport DS3 - Initial (Manual/Fax - Complex)	CT3++, EE7P+, EE7Q+	HOX98	
		Non Recurring Service Order/Channel Rates - Interoffice			
	UNDUNDUED DEDUCATED TO ANGESTS	Transmission Facilities - (IOF) Dedicated Transport - Disconnect -	070 5570 5570	41.5110	
CA	UNBUNDLED DEDICATED TRANSPORT	Digital Dedicated Transport DS3 - Initial (CESAR/LEX Complex)	CT3++, EE7P+, EE7Q+	1L5UD	
		Non Recurring Service Order/Channel Rates - Interoffice			
		Transmission Facilities - (IOF) Dedicated Transport - Disconnect -			
CA	UNBUNDLED DEDICATED TRANSPORT	Digital Dedicated Transport DS3 - Initial (Mechanized)	CT3++, EE7P+, EE7Q+	MOX98	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		Non Recurring Service Order/Channel Rates - Interoffice			
٠.		Transmission Facilities - (IOF) Dedicated Transport - Change - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS1 - Initial (Manual/Fax - Complex)			
		Non Recurring Service Order/Channel Rates - Interoffice			
		Transmission Facilities - (IOF) Dedicated Transport - Change - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS1 - Initial (CESAR/LEX - Complex)			
		Non Recurring Service Order/Channel Rates - Interoffice			1
	LINE INDIANCE OF DEDICATED TRANSPORT	Transmission Facilities - (IOF) Dedicated Transport - Change - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS1 - Initial (Mechanized)			
		Non Recurring Service Order/Channel Rates - Interoffice			
	LINDUNDUED DEDICATED TRANSPORT	Transmission Facilities - (IOF) Dedicated Transport - Change - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS3 - Initial (Manual/Fax - Complex)			
		Non Recurring Service Order/Channel Rates - Interoffice			
	LINDUNDUED DEDICATED TRANSPORT	Transmission Facilities - (IOF) Dedicated Transport - Change - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS3 - Initial (CESAR/LEX Complex)			
		Non Recurring Service Order/Channel Rates - Interoffice			
0.4	LINDUNDUED DEDICATED TRANSPORT	Transmission Facilities - (IOF) Dedicated Transport - Change - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS3 - Initial (Mechanized)			
		Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS1 - Initial (Manual/Fax - Complex)	CT1++, EE7M+	HOCH3	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice	CTT++, EE/IM+	поспа	
		Transmission Facilities - (IOF) Dedicated Transport - Record - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS1 - Initial (CESAR/LEX - Complex)	CT1++, EE7M+	SOCH3	
- CA	ONBONDEED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice	CITTY, ELTIMIT	300113	
		Transmission Facilities - (IOF) Dedicated Transport - Record - Digital			
CA	UNBUNDLED EXCHANGE ACCESS LOOP	Dedicated Transport DS1 - Initial (Mechanized)			
- 0, (ONDONDED EXCHANGE AGOEGG EGG	Non Recurring Service Order/Channel Rates - Interoffice			
		Transmission Facilities - (IOF) Dedicated Transport - Record - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS3 - Initial (Manual/Fax - Complex)	CT3++, EE7P+, EE7Q+	носн3	
	ONDONDED DESIGNATED THE WAS ONLY	Non Recurring Service Order/Channel Rates - Interoffice	0.014, 22.114, 22.14	1100110	+
		Transmission Facilities - (IOF) Dedicated Transport - Record - Digital			1
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS3 - Initial (CESAR/LEX Complex)	CT3++, EE7P+, EE7Q+	SOCH3	
		Non Recurring Service Order/Channel Rates - Interoffice	2.000,2200,320,30	5555	+
		Transmission Facilities - (IOF) Dedicated Transport - Record - Digital			
CA	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport DS3 - Initial (Mechanized)			
CA	ADDITIONAL NETWORK ELEMENTS	Master Leg Plug 2-Wire		ABPM2	
CA	ADDITIONAL NETWORK ELEMENTS	Master Leg Plug 4-Wire		ABPM4	+
CA	ADDITIONAL NETWORK ELEMENTS	2-Wire Analog Bridge Plug			
	<u> </u>	3 3 3			

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Exhibit A

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1				1	
1				1	
State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			COS (Class of Service)	0300	Zone
CA	ADDITIONAL NETWORK ELEMENTS	4-Wire Analog Bridge Plug		1	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
State	UNBUNDLED EXCHANGE ACCESS	Rate Element Description	COS (Class of Service)	0300	Zone
IL	LOOP	2-Wire Analog Loop -Rural (Access Area C)	MUJ++, EE7JX, UOB++, UOR++	U2HXC	С
IL.	UNBUNDLED EXCHANGE ACCESS	2-Wile Alialog Loop - Rulai (Access Alea C)	MOSTI, ELISA, OOBTI, OOKTI	UZITAG	
IL	LOOP	2-Wire Analog Loop - Suburban (Access Area B)	MUJ++, EE7JX, UOB++, UOR++	U2HXB	В
- "-	UNBUNDLED EXCHANGE ACCESS	2 Wile Milang Loop Gabarban (Moccos Mica B)	MOOTT, ELTOX, COBTT, CORTT	OZITAB	
IL	LOOP	2-Wire Analog Loop - Metro (Access Area A)	MUJ++, EE7JX, UOB++, UOR++	U2HXA	Α
	UNBUNDLED EXCHANGE ACCESS	2-Wire Ground Start Loop, Analog/Reverse Battery-		02.001	, ,
IL	LOOP	Rural(Access Area C)	MUJ++, EE7JX, UOB++, UOR++	U2WXC	С
	UNBUNDLED EXCHANGE ACCESS	2-Wire Ground Start Loop, Analog/Reverse Battery-	, , , , , , , , , , , , , , , , , , , ,		
IL	LOOP	Suburban(Access Area B)	MUJ++, EE7JX, UOB++, UOR++	U2WXB	В
	UNBUNDLED EXCHANGE ACCESS	2-Wire Ground Start Loop, analog/Reverse Battery-			
IL	LOOP	Metro(Access Area A)	MUJ++, EE7JX, UOB++, UOR++	U2WXA	Α
	UNBUNDLED EXCHANGE ACCESS				
IL	LOOP	2-Wire Ground Start Loop, PBX-Rural (Access Area C)	MUJ++, EE7JX, UOB++, UOR++	U2JXC	С
	UNBUNDLED EXCHANGE ACCESS	2-Wire Ground Start Loop, PBX-Suburban (Access			
IL	LOOP	Area B)	MUJ++, EE7JX, UOB++, UOR++	U2JXB	В
	UNBUNDLED EXCHANGE ACCESS				
IL	LOOP	2-Wire Ground Start Loop, PBX-Metro (Access Area A)	MUJ++, EE7JX, UOB++, UOR++	U2JXA	Α
l	UNBUNDLED EXCHANGE ACCESS	0.141 0.00770.0 1 1 0 1 (4 1 0)		11001/0	
IL	LOOP	2-Wire COPTS Coin Loop-Rural (Access Area C)	MUJ++, UOB++, UOR++	U2CXC	С
l	UNBUNDLED EXCHANGE ACCESS				_
IL	LOOP	2-Wire COPTS Coin Loop-Suburban (Access Area B)	MUJ++, UOB++, UOR++	U2CXB	В
	UNBUNDLED EXCHANGE ACCESS	0.14/2 0.00PT0 0.1.1 14.1 (A	MILLS HODS HODS	1100)/4	
IL	LOOP UNBUNDLED EXCHANGE ACCESS	2-Wire COPTS Coin Loop-Metro (Access Area A)	MUJ++, UOB++, UOR++	U2CXA	Α
IL	LOOP	2-Wire EKL - Rural (Access Area C)	MUJ++, UOB++, UOR++	U2KXC	С
IL	UNBUNDLED EXCHANGE ACCESS	2-Wile ERL - Rufai (Access Alea C)	MOJ++, OOB++, OOR++	UZKAC	C
IL	LOOP	2-Wire EKL - Suburban (Access Area B)	MUJ++, UOB++, UOR++	U2KXB	В
IL.	UNBUNDLED EXCHANGE ACCESS	2-Wile Litt - Subulball (Access Alea D)	MOSTI, OOBTI, OOKTI	UZIKAD	ь
IL	LOOP	2-Wire EKL - Metro (Access Area A)	MUJ++, UOB++, UOR++	U2KXA	Α
-	UNBUNDLED EXCHANGE ACCESS	Z WIIO LILE - WOU (MOCOSS MICAM)	Wicorr, Godri, Goldin	UZIVVA	
IL	LOOP	4-Wire Analog Loop - Rural (Access Area C)	MUJ++, EE7KX, UOB++, UOR++	U4HXC	С
	UNBUNDLED EXCHANGE ACCESS	· · · · · · · · · · · · · · · · · · ·	, 227104, 33271, 001411	0 11 1/10	
IL	LOOP	4-Wire Analog Loop - Suburban (Access Area B)	MUJ++, EE7KX, UOB++, UOR++	U4HXB	В
IL	LUUP	4-vvire Analog Loop - Suburban (Access Area B)	MUJ++, EE/KX, UUB++, UOR++	U4HXB	В

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
	UNBUNDLED EXCHANGE ACCESS				
IL	LOOP	4-Wire Analog Loop - Metro Access Area A)	MUJ++, EE7KX, UOB++, UOR++	U4HXA	Α
		Loop Non-Recurring Charges - Service Ordering			
	UNBUNDLED EXCHANGE ACCESS	Charge - Analog Loops - Intitial - Per Occasion	MUJ++, EE7JX, EE7KX, EE7LX,		
IL	LOOP	(Connect + Disconnect Service Order - Initial (Connect)	UOB++, UOR++	SEPUP	
	LINDUNDLED EVOLUNIOE ACCESS	Loop Non-Recurring Charges - Service Ordering			
	UNBUNDLED EXCHANGE ACCESS	Charge - Analog Loops - Intitial - Per Occasion	MILLS HODS HODS	NIKOOO	
IL	UNBUNDLED EXCHANGE ACCESS	(Connect + Disconnect) Service Order - (Disconnect) Loop Non-Recurring Charges - Service Ordering	MUJ++, UOB++, UOR++ MUJ++, EE7JX, EE7KX, EE7LX,	NKCG6	
IL	LOOP			REAH9	
IL	LOOP	Charge - Analog Loops - Subsequent - Per Occasion Loop Non-Recurring Charges - Service Ordering	UOB++, UOR++	KEARIS	
	UNBUNDLED EXCHANGE ACCESS	Charge - Analog Loops - Record Work Only - Per	MUJ++, EE7JX, EE7KX, EE7LX,		
IL	LOOP	Occasion	UOB++, UOR++	NR9UP	
IL.	1001	DS1 Interoffice Mileage Termination - Per Point of	00B11, 00K11	1411301	
IL	UNBUNDLED DEDICATED TRANSPORT	Termination - All Areas	UB5++, EE7MX, UK1++	CZ4XA	
IL.	CINDOINDEED DEDICATED TRAINGLORT	DS1 Interoffice Mileage Termination - Per Point of	OBSTT, EETWIX, ORTTT	OZ-7/A	
IL	UNBUNDLED DEDICATED TRANSPORT	Termination - All Areas	UB5++, EE7MX, UK1++	CZ4XB	
	CHECHELE BEBIONIED IT WOLLD	DS1 Interoffice Mileage Termination - Per Point of	OBOTT, EETWIX, ORTE	OZHAD	
IL	UNBUNDLED DEDICATED TRANSPORT	Termination - All Areas	UB5++, EE7MX, UK1++	CZ4XC	
	CHECKER DEBIGNIES INVINCE CITY	Tommiduon 7 in 7 il odo	OBOTT, EETWIX, OTTE	021/10	
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7MX, UK1++	1YZXA	
	0.130112122 2231071123 11111101 0111	20 · mioremee inneage i ei inne / ii / ii eae	, ==:::::, =::::	,	
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7MX, UK1++	1YZXB	
		g	,,		
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7MX, UK1++	1YZXC	
		DS3 Interoffice Mileage Termination - Per Point of	, , , , ,	-	
IL	UNBUNDLED DEDICATED TRANSPORT	Termination - All Areas	UB5++, EE7NX, UK3++	CZ4XA	
		DS3 Interoffice Mileage Termination - Per Point of	- , ,	-	
IL	UNBUNDLED DEDICATED TRANSPORT	Termination - All Areas	UB5++, EE7NX, UK3++	CZ4XB	
		DS3 Interoffice Mileage Termination - Per Point of			
IL	UNBUNDLED DEDICATED TRANSPORT	Termination - All Areas	UB5++, EE7NX, UK3++	CZ4XC	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZXA	
			, ,		_

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State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZXB	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZXC	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4WA	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4WB	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4WC	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZBA	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZBB	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZBC	
IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVXA	
IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVXB	
IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVXC	
IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3XA	
IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3XB	
IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3XC	
IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		Dedicated Transport Optional Features & Functions -			
		DS1 Clear Channel Capability - Per 1.544 Mbps Circuit			
IL	UNBUNDLED DEDICATED TRANSPORT	Arranged	UB5++, EE7MX, UK1++	CLYXA	
		Dedicated Transport Optional Features & Functions -			
		DS1 Clear Channel Capability - Per 1.544 Mbps Circuit			
IL	UNBUNDLED DEDICATED TRANSPORT	Arranged	UB5++, EE7MX, UK1++	CLYXB	
		Dedicated Transport Optional Features & Functions -			
	LINE INDIES DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per 1.544 Mbps Circuit		01.1040	
IL	UNBUNDLED DEDICATED TRANSPORT	Arranged	UB5++, EE7MX, UK1++	CLYXC	
	LINDING ED DEDIGATED TRANSPORT	Dedicated Transport Installation & Rearrangement	LIDE EEZMY LIKA	ODOM/	
IL	UNBUNDLED DEDICATED TRANSPORT	Charges - DS1 Administration Charge - Per Order Dedicated Transport Installation & Rearrangement	UB5++, EE7MX, UK1++	ORCMX	
		Charges - DS1 Design & Central Office Connection			
IL	UNBUNDLED DEDICATED TRANSPORT	Charge - Per Circuit	UB5++, EE7MX, UK1++	NRBCL	
IL	UNBUNDLED DEDICATED TRANSPORT	Charge - Per Circuit	UBSTT, EE/WA, UK ITT	INRDUL	
		Dedicated Transport Installation & Rearrangement			
IL	UNBUNDLED DEDICATED TRANSPORT	Charges - DS1 Carrier Connection Charge - Per Order	UB5++, EE7MX, UK1++	NRBBL	
IL.	CINDONDEED DEDICATED TRAINGLORT	Dedicated Transport Installation & Rearrangement	OBSTT, EETWX, OKTTT	ININDDL	
IL	UNBUNDLED DEDICATED TRANSPORT	Charges - DS3 Administration Charge - Per Order	UB5++, EE7NX, UK3++	ORCMX	
- '-	CHECHELE BEBIONIED IIVINGI CITI	Dedicated Transport Installation & Rearrangement	OBO: 1, EE/11/X, ORO:	OROWA	
		Charges - DS3 Dedicated Transport Installation &			
		Rearrangement Charges - DS3 Design & Central Office			
IL	UNBUNDLED DEDICATED TRANSPORT	Connection Charge - Per Circuit	UB5++, EE7NX, UK3++	NRBC4	
		y	, ,		
IL	UNBUNDLED DEDICATED TRANSPORT	Carrier Connection Charge - Per Order	UB5++, EE7NX, UK3++	NRBDT	
		Enhanced Extended Loop (EEL) Service Order per	, ,		
	UNBUNDLED EXCHANGE ACCESS	LSR - Analog Loop Service Order Charge, per ASR or			
IL	LOOP	LSR - Electronic Establish Connection	EE7JX	NKCAR	
		Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR - Analog Loop Service Order Charge, per ASR or			
IL	LOOP	LSR - Electronic Establish Disconnection	EE7JX	NKCAS	
		Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR - Analog Loop Service Order Charge, per ASR or			
IL	LOOP	LSR - Electronic Establish	EE7JX	NKCAT	

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		Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR - Analog Loop Service Order Charge, per ASR or			
IL	LOOP	LSR - Manual Establish Connection	EE7JX	NKCAU	
		Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR - Analog Loop Service Order Charge, per ASR or			
IL	LOOP	LSR - Manual Establish Disconnection	EE7JX	NKCAV	
		Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR - Analog Loop Service Order Charge, per ASR or			
IL	LOOP	LSR - Manual Establish Manual Subsequent	EE7JX	NKCAW	
		DS1 Transport Service Order Charge Per LSR or ASR -	-	-	
IL	UNBUNDLED DEDICATED TRANSPORT	Electronic Establish Connection	EE7MX		
		DS1 Transport Service Order Charge Per LSR or ASR -			
IL	UNBUNDLED DEDICATED TRANSPORT	Electronic Establish Disconnection	EE7MX		
		DS1 Transport Service Order Charge Per LSR or ASR -			
IL	UNBUNDLED DEDICATED TRANSPORT	Manual Establish Connection	EE7MX		
		DS1 Transport Service Order Charge Per LSR or ASR -			
IL	UNBUNDLED DEDICATED TRANSPORT	Manual Establish Disconnection	EE7MX		
		DS3 Transport Service Order Charge Per LSR or ASR -			
IL	UNBUNDLED DEDICATED TRANSPORT	Electronic Establish Connection	EE7NX		
		DS3 Transport Service Order Charge Per LSR or ASR -			
IL	UNBUNDLED DEDICATED TRANSPORT	Electronic Establish Disconnection	EE7NX		
		DS3 Transport Service Order Charge Per LSR or ASR -			
IL	UNBUNDLED DEDICATED TRANSPORT	Manual Establish Connection	EE7NX		
		DS3 Transport Service Order Charge Per LSR or ASR -			
IL	UNBUNDLED DEDICATED TRANSPORT	Manual Establish Disconnection	EE7NX		
	UNBUNDLED EXCHANGE ACCESS	Non-Channelized DS1 EEL Service Order - Electronic			
IL	LOOP	Establish Connection	EE7MX	NKCB4	
	UNBUNDLED EXCHANGE ACCESS	Non-Channelized DS1 EEL Service Order - Electronic			
IL	LOOP	Establish Disconnection	EE7MX	NKCB5	
·		Provisioning - 2-Wire Analog Loop Connection - Initial			
IL	OPERATIONS SUPPORT SYSTEM	Connection	EE7JX	NKCB8	
	S. Z. S. C. G. C. G. C. G. C.	Provisioning - 2-Wire Analog Loop Connection - Initial	22,0/1	141.050	
IL	OPERATIONS SUPPORT SYSTEM	Disconnection	EE7JX	NKCB9	
	The state of the s	Provisioning - 2-Wire Analog Loop Connection -			+
IL	OPERATIONS SUPPORT SYSTEM	Additional Connection	EE7JX	NKCBA	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
	ODEDATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Analog Loop Connection -	FF7 IV	NIZODD	
IL	OPERATIONS SUPPORT SYSTEM	Additional Disconnection Provisioining - 4-Wire Analog Loop Connection - Initial	EE7JX	NKCBB	
IL	OPERATIONS SUPPORT SYSTEM	Connection	EE7KX	NKCBC	
IL	OPERATIONS SUPPORT STSTEM	Provisioning - 4-Wire Analog Loop Connection - Initial	EE/KA	INCOC	
IL	OPERATIONS SUPPORT SYSTEM	Disconnection	EE7KX	NKCBD	
IL.	OFERATIONS SUFFORT STSTEM	Provisioning - 4-Wire Analog Loop Connection -	EE/IXX	INICOD	
IL	OPERATIONS SUPPORT SYSTEM	Additional Connection	EE7KX	NKCBE	
16	OF EIGHTONG GOFT ORT GTGTEW	Provisioning - 4-Wire Analog Loop Connection -	LLTION	INICODE	
IL	OPERATIONS SUPPORT SYSTEM	Additional Disconnection	EE7KX	NKCBF	
	CI ELUTTIONS SOLI SITUATEM	Provisioning - Central Office Multiplexing DS1 to Voice -		THROBI	
IL	UNBUNDLED DEDICATED TRANSPORT	Initial Connection	EE7MX		
		Provisioning - Central Office Multiplexing DS1 to Voice -			
IL	UNBUNDLED DEDICATED TRANSPORT	Initia Disconnection	EE7MX		
		Provisioning - Central Office Multiplexing DS1 to Voice -			
IL	UNBUNDLED DEDICATED TRANSPORT	Additional Connection	EE7MX		
		Provisioning - Central Office Multiplexing DS1 to Voice -			
IL	UNBUNDLED DEDICATED TRANSPORT	Additional Disconnection	EE7MX		
		Provisioning - DS1 Interoffice UDT - Collocated Initial			
IL	UNBUNDLED DEDICATED TRANSPORT	Connection	EE7MX		
		Provisioning - DS1 Interoffice UDT - Collocated Initial			
IL	UNBUNDLED DEDICATED TRANSPORT	Disconnection	EE7MX		
		Provisioning - DS1 Interoffice UDT - Collocated			
IL	UNBUNDLED DEDICATED TRANSPORT	Additional Connection	EE7MX		
		Provisioning - DS1 Interoffice UDT - Collocated			
IL	UNBUNDLED DEDICATED TRANSPORT	Additional Disconnection	EE7MX		
		Provisioning - 4-Wire DS1 Digital Loop to DS1			
IL	UNBUNDLED DEDICATED TRANSPORT	Interoffice UDT - Collocated - Initial Connection	EE7MX	NKCBT	
	LINDING ED DEDIGATED TRANSCORT	Provisioning - 4-Wire DS1 Digital Loop to DS1	FF714V	NIKOBLI	
IL	UNBUNDLED DEDICATED TRANSPORT	Interoffice UDT - Collocated - Initial Disconnection	EE7MX	NKCBU	
	LINDLINDLED DEDICATED TRANSPORT	Provisioning - 4-Wire DS1 Digital Loop to DS1 Interoffice UDT - Collocated - Additional Connection	FF7MV	NIK CDV	
IL	UNBUNDLED DEDICATED TRANSPORT	Interoffice UDT - Collocated - Additional Connection	EE7MX	NKCBV	
		Provisioning - 4-Wire DS1 Digital Loop to DS1			
IL	UNBUNDLED DEDICATED TRANSPORT	Interoffice UDT - Collocated - Additional Disconnection	EE7MX	NKCBW	
IL	UNDUNDLED DEDICATED TRANSPORT	Interoffice ODT - Collocated - Additional Disconnection	EE/IVIA	INICOV	

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					T
State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		Provisioning - DS3 Interoffice UDT - Collocated - Initial			
IL	UNBUNDLED DEDICATED TRANSPORT	Connection	EE7NX		
		Provisioning - DS3 Interoffice UDT - Collocated - Initial			
IL	UNBUNDLED DEDICATED TRANSPORT	Disconnection	EE7NX		
		Provisioning - DS3 Interoffice UDT - Collocated -			
IL	UNBUNDLED DEDICATED TRANSPORT	Additional Connection	EE7NX		
		Provisioning - DS3 Interoffice UDT - Collocated -			
IL	UNBUNDLED DEDICATED TRANSPORT	Additional Disconnection	EE7NX		
	LINDUNDUED DEDICATED TRANSPORT	Description Of the Observation of the Heisting Install	FF7MV	NIKOOO	
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Clear Channel Capability Initial, Install Provisioning - Clear Channel Capability Additional,	EE7MX	NKCC6	
	LINDUNDUED DEDICATED TRANSPORT	Install	FF7MV		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Clear Channel Capability Additional,	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	Disconnect	EE7MX	NKCC7	
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Channelized	EE/IVIA	INNCCI	
		Facility from Cage, DS1, Design and Coordination			
IL	UNBUNDLED DEDICATED TRANSPORT	Charge	EE7MX	NKCC9	
112	UNDONDEED DEDICATED TRANSPORT	Special Access to UNE Conversion - Channelized	LLTIVIX	NICOS	
		Facility from Cage, DS3, Design and Coordination			
IL	UNBUNDLED DEDICATED TRANSPORT	Charge	EE7MX	NKCCA	
- '-	CHECHELE BEDIOTHED HOROTOTH	Special Access to UNE Conversion - Non-Channelized	LLTWIX	14110071	
		Facility from Cage, DSO, Design and Coordination			
IL	UNBUNDLED DEDICATED TRANSPORT	Charge	EE7JX, EE7KX, EE7LX	NKCCB	
	C. C	Special Access to UNE Conversion - Non-Channelized		1111000	
		Facility from Cage, DS1, Design and Coordination			
IL	UNBUNDLED DEDICATED TRANSPORT	Charge	EE7MX	NKCCC	
		Special Access to UNE Conversion - Non-Channelized			
		Facility from Cage, DS3, Design and Coordination			
IL	UNBUNDLED DEDICATED TRANSPORT	charge	EE7NX	NKCCD	
		Special Access to UNE Conversion - Channelized			
		Facility from POP, DS1, Design and Coordination			
IL	UNBUNDLED DEDICATED TRANSPORT	charge	EE7MX	NKCCE	
		Special Access to UNE Conversion - Channelized			
		Facility from POP, DS3, Design and Coordination			
IL	UNBUNDLED DEDICATED TRANSPORT	Charge	EE7NX	NKCCF	
	DINDONDELD DEDICATED TRANSPORT	Orlange	LLINA	ININOUI	

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Exhibit A

State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone
		Special Access to UNE Conversion - Channelized			
		Facility from POP, DS0, Design and Coordination			
IL	UNBUNDLED DEDICATED TRANSPORT	Charge			
		Special Access to UNE Conversion - Non-Channelized			
		Facility from POP, DSO, Design and Coordination			
IL	UNBUNDLED DEDICATED TRANSPORT	Charge			
		Special Access to UNE Conversion - Non-Channelized			
		Facility from OPO, DSO, Design and coordination			
IL	UNBUNDLED DEDICATED TRANSPORT	Charge	EE7JX, EE7KX, EE7LX	NKCCG	
		Special Access to UNE Conversion - Non-Channelized			
		Facility from POP, DS1, Design and Coordination			
IL	UNBUNDLED DEDICATED TRANSPORT	Charge	EE7MX	NKCCH	
		Special Access to UNE Conversion - Non-Channelized			
		Facility from POP, DS3, Design and Coordination			
IL	UNBUNDLED DEDICATED TRANSPORT	Charge	EE7NX	NKCCJ	
		Special Access to UNE Conversion - Private Line to			
IL	UNBUNDLED DEDICATED TRANSPORT	UNE Conversion			
		Special Access to UNE Conversion - AC2U Project	EE7JX, EE7KX, EE7LX, EE7MX,		
IL	UNBUNDLED DEDICATED TRANSPORT	Administrative Activity Per Service Circuit	EE7NX	NKCC8	
			MUJ++, UOB++, UOR++, UB5++,		
IL	UNBUNDLED DEDICATED TRANSPORT	Routine Modiifications to Existing Facilities Charge	EE7MX, EE7NX, UK3++, UK1++		

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
State	UNBUNDLED EXCHANGE ACCESS	Nate Element Description	COS (Class of Service)	0300	Zone
IN	LOOP	2-Wire Analog - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2HX1	1
IIN	UNBUNDLED EXCHANGE ACCESS	2-Wile Allalog - Italai (Itale Class 1)	WOSTT, EE73X, OOBTT, OOKTT	UZITAT	- '
IN	LOOP	2-Wire Analog - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2HX2	2
	UNBUNDLED EXCHANGE ACCESS	2 Wile Milalog Gabarban (Nate Glass 2)	MOOT, EETOX, COBTT, CORTT	OZITIKZ	
IN	LOOP	2-Wire Analog - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2HX3	3
	UNBUNDLED EXCHANGE ACCESS	2-Wir Ground Start, DID/Reverse Battery - Rural (Rate	, 22.53, 552 , 6610	02	
IN	LOOP	Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2WX1	1
	UNBUNDLED EXCHANGE ACCESS	2-Wire Ground Start, DID/Reverse Battery - Suburban	, , , , , , , , , , , , , , , , , , , ,	-	
IN	LOOP	(Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2WX2	2
	UNBUNDLED EXCHANGE ACCESS	2-Wire Ground Start, DID/Reverse Battery - Metro			
IN	LOOP	(Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2WX3	3
	UNBUNDLED EXCHANGE ACCESS				
IN	LOOP	2-Wire Ground Start, PBX - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2JX1	1
	UNBUNDLED EXCHANGE ACCESS				
IN	LOOP	2-Wire Ground Start, PBX - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2JX2	2
	UNBUNDLED EXCHANGE ACCESS				
IN	LOOP	2-Wire Ground Start, PBX - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2JX3	3
	UNBUNDLED EXCHANGE ACCESS				
IN	LOOP	2-Wire COPTS Coin - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2CX1	1
	UNBUNDLED EXCHANGE ACCESS	0.14% 0.00T0 0.1 0.1 1 (D.1 0)	===.\\=	11001/0	
IN	LOOP	2-Wire COPTS Coin - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2CX2	2
	UNBUNDLED EXCHANGE ACCESS	O.M. CODEO C. M. L. (D. L. CL. C.)	MILLS FEZIV HODS SIGN	11001/0	
IN	LOOP	2-Wire COPTS Coin - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2CX3	3
INI	UNBUNDLED EXCHANGE ACCESS	O Wins Eld Donal (Data Olass 4)	MILLS FEZIV HODS LUCES	11017774	
IN	LOOP UNBUNDLED EXCHANGE ACCESS	2-Wire EKL - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2KX1	1
INI	LOOP	2 Wire EKI Suburban (Pate Class 2)	MILLER EETIV LIOPER LIOPER	U2KX2	2
IN	UNBUNDLED EXCHANGE ACCESS	2-Wire EKL - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	UZNAZ	2
IN	LOOP	2-Wire EKL - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2KX3	3
IIN	UNBUNDLED EXCHANGE ACCESS	Z-VVIIC LILL - IVICIIO (INAIC CIASS 3)	WIGGTT, LLTGA, OODTT, OORTT	UZIVAJ	3
IN	LOOP	4-Wire Analog - Rural (Rate Class 1)	MUJ++, EE7KX, UOB++, UOR++	U4HX1	1
111	UNBUNDLED EXCHANGE ACCESS	T TTILO / TILLIOY - ITUICI (ITUIC OIGSS 1)	WIGG: -, ELTIVI, GOD: -, GORT-	O-FITA I	
IN	LOOP	4-Wire Analog - Suburban (Rate Class 2)	MUJ++, EE7KX, UOB++, UOR++	U4HX2	2
IIN	LOOI	T-VVIIC Alialog - Subulbali (Nate Class 2)	INIOUTT, LLTINA, OUDTT, OURTT	U41 1/4	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
	UNBUNDLED EXCHANGE ACCESS				
IN	LOOP	4-Wire Analog - Metro (Rate Class 3)	MUJ++, EE7KX, UOB++, UOR++	U4HX3	3
		Interoffice Transport DS1 Interoffice Mileage			
IN	UNBUNDLED DEDICATED TRANSPORT	Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1	
		Interoffice Transport DS1 Interoffice Mileage			
IN	UNBUNDLED DEDICATED TRANSPORT	Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2	
		Interoffice Transport DS1 Interoffice Mileage			
IN	UNBUNDLED DEDICATED TRANSPORT	Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3	
		Interoffice Transport DS3 Interoffice Mileage			
IN	UNBUNDLED DEDICATED TRANSPORT	Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1	
		Interoffice Transport DS3 Interoffice Mileage			
IN	UNBUNDLED DEDICATED TRANSPORT	Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2	
		Interoffice Transport DS3 Interoffice Mileage			
IN	UNBUNDLED DEDICATED TRANSPORT	Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3	
		Interoffice Transport DS3 Interoffice Mileage - Per Mile			
IN	UNBUNDLED DEDICATED TRANSPORT	- All Zones	UB5++, EE7NX, UK3++	1YZB1	
		Interoffice Transport DS3 Interoffice Mileage - Per Mile	1105 55711/ 11/0	0.750	
IN	UNBUNDLED DEDICATED TRANSPORT	- All Zones	UB5++, EE7NX, UK3++	1YZB2	
		Interoffice Transport DS3 Interoffice Mileage - Per Mile	1105 55711/ 11/0	0.750	
IN	UNBUNDLED DEDICATED TRANSPORT	- All Zones Enhanced Extended Loop (EEL) Service Order per	UB5++, EE7NX, UK3++	1YZB3	
		LSR Enhanced Extended Loop (EEL) Service Order			
	UNBUNDLED EXCHANGE ACCESS	per LSR Electronic, Analog 2-Wire Digital Loop,			
IN	LOOP	Establishment Request, Install	EE7JX, EE7KX, EE7LX	NKCAR	
1111		Enhanced Extended Loop (EEL) Service Order per	LLION, LLIIM, LLILM	INIVOAIN	
	UNBUNDLED EXCHANGE ACCESS	LSR Electronic, Analog 2-Wire Digital Loop,			
IN	LOOP	Establishment Request, Disconnect	EE7JX, EE7KX, EE7LX	NKCAS	
				111.07.10	

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State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone
Otate	Troudet	Enhanced Extended Loop (EEL) Service Order per	OCO (Class of Cervice)	0000	20116
	UNBUNDLED EXCHANGE ACCESS	LSR Electronic, Analog 2-Wire Digital Loop,			
IN	LOOP	Subsequent Order	EE7JX, EE7KX, EE7LX	NKCAT	
	2001	Enhanced Extended Loop (EEL) Service Order per	ELION, ELITON, ELITEN	14110711	
	UNBUNDLED EXCHANGE ACCESS	LSR Manual, Analog 2-Wire Digital Loop,			
IN	LOOP	Establishment Request, Install	EE7JX, EE7KX, EE7LX	NKCAU	
		Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR manual, Analog 2-Wire Digital Loop,			
IN	LOOP	Establishment Request, Disconnect	EE7JX, EE7KX, EE7LX	NKCAV	
		Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR Manual, Analog 2-Wire Digital Loop, Subsequent			
IN	LOOP	Order	EE7MX	NKCAW	
		Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR Electronic, DS1 Loop, Establishment Request,			
IN	LOOP	Install	EE7MX	NKCAX	
		Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR Electronic, DS1 Loop, Establishment Request,			
IN	LOOP	Disconnect	EE7MX	NKCAY	
	UNBUNDLED EXCHANGE ACCESS	Enhanced Extended Loop (EEL) Service Order per			
IN	LOOP	LSR Electronic, DS1 Loop, Subsequent Order	EE7MX	NKCAZ	
	UNBUNDLED EXCHANGE ACCESS	Enhanced Extended Loop (EEL) Consider Order nor			
IN	LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, DS1 Loop, Establishment Request, Install	EE7MX	NKCB1	
IIN	LOOP	Enhanced Extended Loop (EEL) Service Order per	EE/IVIX	INCEL	
	UNBUNDLED EXCHANGE ACCESS	LSR Manual, DS1 Loop, Establishment Request,			
IN	LOOP	Disconnect	EE7MX	NKCB2	
IIN	UNBUNDLED EXCHANGE ACCESS	Enhanced Extended Loop (EEL) Service Order per	EETIVIA	INCOZ	
IN	LOOP	LSR Manual, DS1 Loop, Subsequent Order	EE7MX	NKCB3	
1111		Enhanced Extended Loop (EEL) Service Order per	LLIWIA	INICODO	
		LSR Electronic, DS1 or DS3 Transport, Establishment			
IN	UNBUNDLED DEDICATED TRANSPORT	Request, Install			
		Enhanced Extended Loop (EEL) Service Order per			
		LSR Electronic, DS1 or DS3 Transport, Establishment			
IN	UNBUNDLED DEDICATED TRANSPORT	Request, Disconnect			
				•	

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		T T			
State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		Enhanced Extended Loop (EEL) Service Order per			
		LSR Manual, DS1 or DS3 Transport, Establishment			
IN	UNBUNDLED DEDICATED TRANSPORT	Request, Install			
		Enhanced Extended Loop (EEL) Service Order per			
		LSR Manual, DS1 or DS3 Transport, Establishment			
IN	UNBUNDLED DEDICATED TRANSPORT	Request, Disconnect			
		Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR Electronic, Non-channelized DS1 EEL,			
IN	LOOP	Establishment Request, Install	EE7MX	NKCB4	
		Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR Electronic, Non-channelized DS1 EEL,			
IN	LOOP	Establishment Request, Disconnect	EE7MX	NKCB5	
	LINIDIANDI ED EVOLUNIOE A COECO	Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR Manual, Non-channelized DS1 EEL,			
IN	LOOP	Establishment Request, Install	EE7MX	NKCB6	
	LINE INDIED ENGLISHED AGGEOG	Enhanced Extended Loop (EEL) Service Order per			
	UNBUNDLED EXCHANGE ACCESS	LSR Manual, Non-channelized DS1 EEL,			
IN	LOOP	Establishment Request, Disconnect	EE7MX	NKCB7	
		Enhanced Extended Loop (EEL) Service Order per			
		LSR Electronic, CO Multiplexing, DS1 to Voice,			
IN	UNBUNDLED DEDICATED TRANSPORT	Establishment Request, Install			
		Enhanced Extended Loop (EEL) Service Order per			
		LSR Electronic, CO Multiplexing. DS1 to Voice,			
IN	UNBUNDLED DEDICATED TRANSPORT	Establishment Request, Disconnect			
		Enhanced Extended Loop (EEL) Service Order per			
		LSR Manual, CO Multiplexing, DS1 to Voice,			
IN	UNBUNDLED DEDICATED TRANSPORT	Establishment Request, Install			
		Enhanced Extended Loop (EEL) Service Order per			
		LSR Manual, CO Multiplexing, DS1 to Voice,			
IN	UNBUNDLED DEDICATED TRANSPORT	Establishment Request, Disconnect			
	LINDLINDLED EVOLUNIOE ACCESS	Enhanced Extended Loop (EEL) New Combination			
INI	UNBUNDLED EXCHANGE ACCESS	Enhanced Extended Loop (EEL) New Combination per	FF7 IV	NIKODO	
IN	LOOP	Element 2-Wire Analog Loop Connection, Initial, Install	EE7JX	NKCB8	

State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone
State	Floduct	Enhanced Extended Loop (EEL) New Combination per	COS (Class of Service)	0300	Zone
	UNBUNDLED EXCHANGE ACCESS	Element 2-Wire Analog Loop Connection, Initial,			
IN	LOOP	Disconnect	EE7JX	NKCB9	
		Enhanced Extended Loop (EEL) New Combination per	-		
	UNBUNDLED EXCHANGE ACCESS	Element 2-Wire Analog Loop Connection, Additional,			
IN	LOOP	Install	EE7JX	NKCBA	
		Enhanced Extended Loop (EEL) New Combination per			
	UNBUNDLED EXCHANGE ACCESS	Element 2-Wire Analog Loop Connection, Additional,			
IN	LOOP	Disconnect	EE7JX	NKCBB	
	UNBUNDLED EXCHANGE ACCESS	Enhanced Extended Loop (EEL) New Combination per			
IN	LOOP	Element 4-Wire Analog Loop Connection, Initial, Install	EE7KX	NKCBC	
	LINDUNDUED EVOLUNDE ACCESS	Enhanced Extended Loop (EEL) New Combination per			
	UNBUNDLED EXCHANGE ACCESS	Element 4-Wire Analog Loop Connection, Initial,	EE710/	NUCORD	
IN	LOOP	Disconnect Enhanced Extended Loop (EEL) New Combination per	EE7KX	NKCBD	
	UNBUNDLED EXCHANGE ACCESS	Element 4-Wire Analog Loop Connection, Additional,			
INI	LOOP		EE7KX	NKCBE	
IN	LOOP	Install Enhanced Extended Loop (EEL) New Combination per	EE/KA	INNUBE	
	UNBUNDLED EXCHANGE ACCESS	Element 4-Wire Analog Loop Connection, Additional,			
IN	LOOP	Disconnect	EE7KX	NKCBF	
IIN	LOOF	Disconnect	EE/RX	INICOL	
	UNBUNDLED EXCHANGE ACCESS	Enhanced Extended Loop (EEL) New Combination per			
IN	LOOP	Element 2-Wire Digital Loop Connection, Initial, Install	EE7LX	NKCBG	
- "	200.	Enhanced Extended Loop (EEL) New Combination per		1111000	
	UNBUNDLED EXCHANGE ACCESS	Element 2-Wire Digital Loop Connection, Initial,			
IN	LOOP	Disconnect	EE7LX	NKCBH	
		Enhanced Extended Loop (EEL) New Combination per			
	UNBUNDLED EXCHANGE ACCESS	Element 2-Wire Digital Loop Connection, Additional,			
IN	LOOP	Install	EE7LX	NKCBJ	
		Enhanced Extended Loop (EEL) New Combination per			
	UNBUNDLED EXCHANGE ACCESS	Element 2-Wire Digital Loop Connection, Additional,			
IN	LOOP	Disconnect	EE7LX	NKCBK	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
	UNBUNDLED EXCHANGE ACCESS	Enhanced Extended Loop (EEL) New Combination per			
IN	LOOP	Element 4-Wire Digital Loop Connection, Initial, Install	EE7MX	NKCBL	
		Enhanced Extended Loop (EEL) New Combination per			
	UNBUNDLED EXCHANGE ACCESS	Element 4-Wire Digital Loop Connection, Initial,			
IN	LOOP	Disconnect	EE7MX	NKCBM	
		Enhanced Extended Loop (EEL) New Combination per			
	UNBUNDLED EXCHANGE ACCESS	Element 4-Wire Digital Loop Connection, Additional,			
IN	LOOP	Install	EE7MX	NKCBN	
		Enhanced Extended Loop (EEL) New Combination per			
	UNBUNDLED EXCHANGE ACCESS	Element 4-Wire Digital Loop Connection, Additional,			
IN	LOOP	Disconnect	EE7MX	NKCBO	
		Full and a distance of FELV New Openhinstics and			
	LINE INDICES OF DEDICATED TO ANGROUP	Enhanced Extended Loop (EEL) New Combination per			
IN	UNBUNDLED DEDICATED TRANSPORT	Element CO Multiplexing, DS I to Voice, Initial, Install Enhanced Extended Loop (EEL) New Combination per	EE7MX		
		Element CO Multiplexing, DSI to Voice, Initial,			
INI	LINDUNDUED DEDICATED TRANSPORT	, ,	FEZNAV		
IN	UNBUNDLED DEDICATED TRANSPORT	Disconnect Enhanced Extended Loop (EEL) New Combination per	EE7MX		
		1 \ /			
INI	LINDUNDI ED DEDIGATED TRANSPORT	Element CO Multiplexing, DSI to Voice, Additional,	FEZNAV		
IN	UNBUNDLED DEDICATED TRANSPORT	Install Enhanced Extended Loop (EEL) New Combination per	EE7MX		
		Element CO Multiplexing, DSI to Voice, Additional,			
IN	UNBUNDLED DEDICATED TRANSPORT	Disconnect	EE7MX		
IIN	UNDUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per	EE/IVIA		
		Element DS1 Interoffice Dedicated Transport			
IN	UNBUNDLED DEDICATED TRANSPORT	Collocated, Initial, Install	EE7MX		
IIN	UNDUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per	EE/ IVIA		
		Element DS1 Interoffice Dedicated Transport			
IN	UNBUNDLED DEDICATED TRANSPORT	Collocated, Initial, Disconnect	EE7MX		
11 4	CADOMOLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per	LL/ IVIX		
		Element DS1 Interoffice Dedicated Transport			
IN	UNBUNDLED DEDICATED TRANSPORT	Collocated, Additional, Install	EE7MX		
	CHECKELE BEDIONIED HONOI ON	Concoura, Additional, motali	LL/ IVI/X	l	

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		Enhanced Extended Loop (EEL) New Combination per	,		
		Element DS1 Interoffice Dedicated Transport			
IN	UNBUNDLED DEDICATED TRANSPORT	Collocated, Additional, Disconnect	EE7MX		
		Enhanced Extended Loop (EEL) New Combination per			
		Element 4-Wire DS1 Digital Loop to DS1 Interoffice			
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Collocated, Initial, Install	EE7MX	NKCBT	
		F			
		Enhanced Extended Loop (EEL) New Combination per			
		Element 4-Wire DS1 Digital Loop to DS1 Interoffice			
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Collocated, Initial, Disconnect	EE7MX	NKCBU	
		Full and a distance of FELV New Openship stick and			
		Enhanced Extended Loop (EEL) New Combination per			
	LINE INDICE DEDICATED TO ANGRODE	Element 4-Wire DS1 Digital Loop to DS1 Interoffice	===+0/	NU(05) (
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Collocated, Add'l, Install	EE7MX	NKCBV	
		Enhanced Extended Loop (EEL) New Combination per			
		Element 4-Wire DS1 Digital Loop to DS1 Interoffice			
IN	UNBUNDLED DEDICATED TRANSPORT		EE7MX	NKCBW	
IIN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport, Collocated, Add'l, Disconnect Enhanced Extended Loop (EEL) New Combination per	EE/MX	NKCBW	
		Element DS3 Interoffice Dedicated Transport			
	LINDING ED DEDIGATED TRANSPORT	•	FETNIX		
IN	UNBUNDLED DEDICATED TRANSPORT	Collocated, Initial, Install Enhanced Extended Loop (EEL) New Combination per	EE7NX		
INI	LINDUNDI ED DEDIGATED TRANSPORT	Element DS3 Interoffice Dedicated Transport	FEZNIV		
IN	UNBUNDLED DEDICATED TRANSPORT	Collocated, Initial, Disconnect Enhanced Extended Loop (EEL) New Combination per	EE7NX		_
		Element DS3 Interoffice Dedicated Transport			
IN	UNBUNDLED DEDICATED TRANSPORT	Collocated, Additional, Install	EE7NX		
IIN	ONDONDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per	EE/INA		+
		Element DS3 Interoffice Dedicated Transport			
IN	UNBUNDLED DEDICATED TRANSPORT	Collocated, Additional, Disconnect	EE7NX		
IIN	UNBUNDLED EXCHANGE ACCESS	Enhanced Extended Loop (EEL) New Combination per	EE/NA		+
IN	LOOP	Element Clear Channel Capability, Initial, Install	EE7MX	NKCC6	
IIN	LUUF	Element Clear Charmer Capability, Illitial, Illstall	EE / IVIA	INCCO	

State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone
		·	,		
	UNBUNDLED EXCHANGE ACCESS	Enhanced Extended Loop (EEL) New Combination per			
IN	LOOP	Element Clear Channel Capability, Additional, Install	EE7MX	NKCC7	
I.N.	LINIDI INDI ED DEDIGATED TRANSDORT	Multiplania a DO4 to Maio a One de	LIDE LIVA EEZMAY	ON 10/4	
IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++, EE7MX	QMVX1	
IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++, EE7MX	QMVX2	
		manuplexing 201 to 10100 claus	930 , 6.11. , 22.11	Q7.2	
IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++, EE7MX	QMVX3	
IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++, EE7NX	QM3X1	
I.N.	LINIDI INDI ED DEDIGATED TRANSDORT	Multiplesia - DOO to DOO	LIDE . LIVO . FEZNIV	OMOVO	
IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++, EE7NX	QM3X2	
IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++, EE7NX	QM3X3	
	ONDONDEED DEDICATED IT WATER ONLY	manuplexing Bee to Be i	020**, 010**, 227700	QIVIOAO	+
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	
		Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit			
IN	UNBUNDLED DEDICATED TRANSPORT	Arranged	UB5++, EE7MX, UK1++	CLYX1	
	ONDONDEED DEDICATED INVINOI CIVI	Dedicated Transport Optional Features & Functions	OBO: , EE/IWX, OKT:	GETAT	
		DS1 Clear Channel Capability - Per 1.544 Mbps Circuit			
IN	UNBUNDLED DEDICATED TRANSPORT	Arranged	UB5++, EE7MX, UK1++	CLYX2	
		Dedicated Transport Optional Features & Functions			
IN	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per 1.544 Mbps Circuit	LIDELL FEZMY LIVALL	CLYX3	
IIN	UNBUNDLED DEDICATED TRANSPORT	Arranged Dedicated Transport Installation & Rearrangement	UB5++, EE7MX, UK1++	CLIAS	++
IN	UNBUNDLED DEDICATED TRANSPORT	Charges DS1 Administration Charge - Per Order	UB5++, UK1++	ORCMX	
		Dedicated Transport Installation & Rearrangement	, -		
		Charges DS1 Design & Central Office Connection			
IN	UNBUNDLED DEDICATED TRANSPORT	Charge - Per Circuit	UB5++, UK1++	NRBCL	

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Product	Rate Element Description	COS (Class of Service)	USOC	Zone
LINDUNDI ED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement	LIDE LIKA	NDDDI	
UNBUNDLED DEDICATED TRANSPORT		UB5++, UK1++	NKBBL	
UNBUNDLED DEDICATED TRANSPORT		UB5++. UK3++	ORCMX	
	Dedicated Transport Installation & Rearrangement	,		
	Charges DS3 Design & Central Office Connection			
UNBUNDLED DEDICATED TRANSPORT	Charge - Per Circuit	UB5++, UK3++	NRBCL	
	Dedicated Transport Installation & Rearrangement			
	S S			
UNBUNDLED DEDICATED TRANSPORT		UB5++, UK3++	NRBC4	
LINDUNDUED DEDICATED TRANSPORT		LIDE LIKO	NDDDI	
UNBUNDLED DEDICATED TRANSPORT		UB5++, UK3++	NKBBL	
LINBUNDI ED DEDICATED TRANSPORT		UB5++ UK3++	NRBDT	
	UNBUNDLED DEDICATED TRANSPORT UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Carrier Connection Charge - Per Order Dedicated Transport Installation & Rearrangement Charges DS3 Administration Charge - Per Order Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection UNBUNDLED DEDICATED TRANSPORT Dedicated Transport Installation & Rearrangement Charge - Per Circuit Dedicated Transport Installation & Rearrangement Charge - Per Circuit Dedicated Transport Installation & Rearrangement Charge DS3 Design & Central Office Connection Charge - Per Circuit Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order Dedicated Transport Installation & Rearrangement UNBUNDLED DEDICATED TRANSPORT Charges DS3 Carrier Connection Charge - Per Order Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order Dedicated Transport Installation & Rearrangement	Dedicated Transport Installation & Rearrangement Charges DS1 Carrier Connection Charge - Per Order Dedicated Transport Installation & Rearrangement UNBUNDLED DEDICATED TRANSPORT Charges DS3 Administration Charge - Per Order Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection UNBUNDLED DEDICATED TRANSPORT Charge - Per Circuit Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection UNBUNDLED DEDICATED TRANSPORT UNBUNDLED DEDICATED TRANSPORT Dedicated Transport Installation & Rearrangement Charge - Per Circuit Dedicated Transport Installation & Rearrangement UNBUNDLED DEDICATED TRANSPORT Charges DS3 Carrier Connection Charge - Per Order UNBUNDLED DEDICATED TRANSPORT Dedicated Transport Installation & Rearrangement UNBUNDLED DEDICATED TRANSPORT Dedicated Transport Installation & Rearrangement UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Carrier Connection Charge - Per Order UB5++, UK1++ NRBBL Dedicated Transport Installation & Rearrangement UNBUNDLED DEDICATED TRANSPORT Charges DS3 Administration Charge - Per Order UB5++, UK3++ ORCMX Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection UNBUNDLED DEDICATED TRANSPORT Charge - Per Circuit Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection UNBUNDLED DEDICATED TRANSPORT UNBUNDLED DEDICATED TRANSPORT Charge - Per Circuit Dedicated Transport Installation & Rearrangement Charge - Per Circuit UB5++, UK3++ NRBC4 UNBUNDLED DEDICATED TRANSPORT Charge - Per Circuit Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order UNBUNDLED DEDICATED TRANSPORT Charges DS3 Carrier Connection Charge - Per Order UB5++, UK3++ NRBC4 NRBC4 NRBBL

Exhibit A

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
State	UNBUNDLED EXCHANGE ACCESS	Rate Element Description	COS (Class of Service)	0300	Zone
KS	LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
110	UNBUNDLED EXCHANGE ACCESS	2 Time / maleg 200p 2010 1 (Tarai)		021	+
KS	LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
	UNBUNDLED EXCHANGE ACCESS	J 1 /		-	
KS	LOOP	2-Wire Analog Zone 3 (Urban)		U21	3
	UNBUNDLED EXCHANGE ACCESS	,			
KS	LOOP	4-Wire Analog Loop - Zone 1(Rural)		U4H	1
	UNBUNDLED EXCHANGE ACCESS				
KS	LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
	UNBUNDLED EXCHANGE ACCESS				
KS	UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
KS	LOOP	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
NO.	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Loop Cross Connect to Collocation 2-Wire Analog Loop Cross Connect to Collocation		UCXC2	+
KS	LOOP	(without testing)		UCXD2	
NO	UNBUNDLED EXCHANGE ACCESS	(without testing)		UCADZ	+
KS	LOOP	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	
110	UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Loop Cross Connect to Collocation		00/101	+
KS	LOOP	(without testing)		UCXD4	
		DT-DS1 Interoffice Transport, First Mile - Zone 1			
KS	UNBUNDLED DEDICATED TRANSPORT	(Rural)		ULNHS	1
		DT-DS1 Interoffice Transport, First Mile - Zone 2			
KS	UNBUNDLED DEDICATED TRANSPORT	(Suburban)		ULNHS	2
		DT-DS1 Interoffice Transport, First Mile - Zone 3			
KS	UNBUNDLED DEDICATED TRANSPORT	(Urban)		ULNHS	3
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	1
		DT-DS1 Interoffice Transport, Each Additional Mile -			
KS	UNBUNDLED DEDICATED TRANSPORT	Zone 1 (Rural)		ULNHS	1
1		DT-DS1 Interoffice Transport, Each Additional Mile -			
KS	UNBUNDLED DEDICATED TRANSPORT	Zone 2 (Suburban)		ULNHS	2
140	LINE IN DEPOSITE TO COMPANY	DT-DS1 Interoffice Transport, Each Additional Mile -			
KS	UNBUNDLED DEDICATED TRANSPORT	Zone 3 (Urban)		ULNHS	3

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State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone
		DT-DS1 Interoffice Transport, Each Additional Mile -			
KS	UNBUNDLED DEDICATED TRANSPORT	Interzone		ULNHS	1
		DT-DS3 Interoffice Transport, First Mile - Zone 1			
KS	UNBUNDLED DEDICATED TRANSPORT	(Rural)		ULNJS	1
		DT-DS3 Interoffice Transport, First Mile - Zone 2			
KS	UNBUNDLED DEDICATED TRANSPORT	(Suburban)		ULNJS	2
		DT-DS3 Interoffice Transport, First Mile - Zone 3			
KS	UNBUNDLED DEDICATED TRANSPORT	(Urban)		ULNJS	3
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
		DT-DS3 Interoffice Transport, Each Additional Mile -			
KS	UNBUNDLED DEDICATED TRANSPORT	Zone 1 (Rural)		ULNJS	1
		DT-DS3 Interoffice Transport, Each Additional Mile -			_
KS	UNBUNDLED DEDICATED TRANSPORT	Zone 2 (Suburban)		ULNJS	2
		DT-DS3 Interoffice Transport, Each Additional Mile -			
KS	UNBUNDLED DEDICATED TRANSPORT	Zone 3 (Urban)		ULNJS	3
		DT-DS3 Interoffice Transport, Each Additional Mile -			
KS	UNBUNDLED DEDICATED TRANSPORT	Interzone		ULNJS	<u> </u>
140				1100/110/	
KS	UNBUNDLED DEDICATED TRANSPORT	DS1 Cross Connect to Collocation		UCXHX	
140	LINE NELSE DEDICATED TRANSPORT			1101/11/	
KS	UNBUNDLED DEDICATED TRANSPORT	DS3 Cross Connect to Collocation		UCXJX	
140	LINDING ED DEDIGATED TRANSPORT	DO4 () (O M) (') .		LIMARY	
KS	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	
L/C	LINDLINDLED DEDICATED TRANSPORT	DC2 to DC4 Multiploying		LINAAAV	
KS	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	+
KS	LINDLINDLED DEDICATED TRANSPORT	2 wire Angley Lean Cross Connect to DOA Matter of A		LIVDA4	
K5	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
KS	LINDLINDLED DEDICATED TRANSPORT	2 wire Applied Lean Cross Connect to DOA Mathed 2		UXRA2	2
NO	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2		UXKAZ	
KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3
NO	UNBUNDLED DEDICATED TRANSPORT	2-wire Arialog Loop Cross Conflect to POA - Method 3		UNKAS	J

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	T				
State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
	UNBUNDLED EXCHANGE ACCESS	1,000 = 1,000 = 1,000	000 (0.000 0.00.1.00)		
МІ	LOOP	2-Wire Analog - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2HC1	С
	UNBUNDLED EXCHANGE ACCESS		, ==::, == , =::		
MI	LOOP	2-Wire Analog - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2HB1	В
	UNBUNDLED EXCHANGE ACCESS	, ,			
MI	LOOP	2-Wire Analog - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2HAA	Α
	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog - Ground Start, Analog DID/Reverse			
MI	LOOP	Battery - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2WC1	С
	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog - Ground Start, Analog DID/Reverse			
MI	LOOP	Battery - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2WB1	В
	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog - Ground Start, Analog DID/Reverse			
MI	LOOP	Battery - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2WAA	Α
	UNBUNDLED EXCHANGE ACCESS				
MI	LOOP	2-Wire Analog - Ground Start, PBX - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2JC1	С
	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog - Ground Start, PBX - Suburban (Zone			
MI	LOOP	B)	MUJ++, EE7JX, UOB++, UOR++	U2JB1	В
	UNBUNDLED EXCHANGE ACCESS				
MI	LOOP	2-Wire Analog - Ground Start, PBX - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2JAA	Α
	UNBUNDLED EXCHANGE ACCESS				
MI	LOOP	2-Wire Analog - COPTS Coin - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2CC1	С
	UNBUNDLED EXCHANGE ACCESS				
MI	LOOP	2-Wire Analog - COPTS Coin - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2CB1	В
	UNBUNDLED EXCHANGE ACCESS		===.\\=		
MI	LOOP	2-Wire Analog - COPTS Coin - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2CAA	Α
	UNBUNDLED EXCHANGE ACCESS	0.14" A 1 51(1 B 1/7 0)	MILLS FEZIX HODS STORE	1101404	
MI	LOOP UNBUNDLED EXCHANGE ACCESS	2-Wire Analog - EKL - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2KC1	С
NAI.	LOOP	2 Mire Angles FKI Suburban (Zene B)	MILLE FEZIX HODEL HODE	LIOIZD4	В
MI	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog - EKL - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2KB1	В
N/I	LOOP	2 Wire Angles EKI Metre (Zene A)	MILLE EEZIV HOREL HORE		_
MI	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog - EKL - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2KAA	Α
МІ	LOOP	4-Wire Analog - Rural (Zone C)	MUJ++, EE7KX, UOB++, UOR++	U4HC1	С
IVII	UNBUNDLED EXCHANGE ACCESS	4-vviie Arialog - Kurai (Zorie C)	WOJTT, EETKA, OODTT, OORTT	U4HC1	U
МІ	LOOP	4-Wire Analog - Suburban (Zone B)	MUJ++, EE7KX, UOB++, UOR++	U4HB1	В
IVII	LUUF	14-Wile Alialog - Subulbali (Zolle D)	WUJTT, EEIKA, UUDTT, UURTT	U4ПD I	D

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Exhibit A

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
	UNBUNDLED EXCHANGE ACCESS				
MI	LOOP	4-Wire Analog - Metro (Zone A)	MUJ++, EE7KX, UOB++, UOR++	U4HAA	Α
	UNBUNDLED EXCHANGE ACCESS	Cancellation or Change Service Charge-Analog Loop,			
MI	LOOP	per last critical date reached	MUJ++, EE7KX, UOB++, UOR++	NKCU1	
		Cancellation or Change Service Charge-Analog Loop,			
	UNBUNDLED EXCHANGE ACCESS	per last critical date reached Design Layout Report			
MI	LOOP	Date	MUJ++, EE7KX, UOB++, UOR++	NR950	
	UNBUNDLED EXCHANGE ACCESS	Cancellation or Change Service Charge-Analog Loop,	====0	NDOED	
MI	LOOP	per last critical date reached Records Issue Date	MUJ++, EE7KX, UOB++, UOR++	NR95P	
	LINDUNDUED EVOLUNICE	Cancellation or Change Service Charge-Analog Loop,			
N 41	UNBUNDLED EXCHANGE	per last critical date reached Designed, Verified, and	MILL FEZEX LIOP LIOP L	NDOFO	
MI	ACCESS LOOP UNBUNDLED EXCHANGE	Assigned Date Cancellation or Change Service Charge-Analog	MUJ++, EE7KX, UOB++, UOR++	NR95Q	
МІ	ACCESS LOOP	Loop, per last critical date reached Plant Test Date	MUJ++, EE7KX, UOB++, UOR++	NR95R	
IVII	UNBUNDLED EXCHANGE	Due Date Change Charge, per Order, per	MUJ++, EE7KX, EE7JX, UOB++,	NCGUN	_
М	ACCESS LOOP	Occasion Analog Loop	UOR++	NR955	
IVII	ACCESS ECOI	DS1 Interoffice Mileage Per Point of Termination	OOKII	MIXEO	+
МІ	UNBUNDLED DEDICATED TRANSPORT	Zone 1	UB5++, EE7MX, UK1++	CZ4X1	1
IVII	UNDOINDEED DEDICATED TRANSFORT	DS1 Interoffice Mileage Per Point of Termination	OBSTT, EETWA, ORTTT	02471	+ '-
М	UNBUNDLED DEDICATED TRANSPORT	Zone 2	UB5++, EE7MX, UK1++	CZ4X2	2
IVII	UNDOINDEED DEDICATED TRANSFORT	DS1 Interoffice Mileage Per Point of Termination	OBSTT, EETWA, ORTTT	02472	
М	UNBUNDLED DEDICATED TRANSPORT	Zone 3	UB5++, EE7MX, UK1++	CZ4X3	3
IVII	UNDOINDEED DEDICATED TRANSFORT	DS1 Interoffice Mileage Per Point of	OBSTT, EETWA, ORTTT	02473	- 3
М	UNBUNDLED DEDICATED TRANSPORT	Termination Interzone	UB5++, EE7MX, UK1++	CZ4XZ	1
IVII	ONDONDELD DEDICATED TRANSFORT	1 CHIMINGUOTI ITICEIZOTIC	ODDIT, LETWA, ORTET	UZ47Z	+ '-
МІ	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 1	UB5++, EE7MX, UK1++	1YZX1	1
1411	S. I.	2	55011, 2211111, 511111	112/(1	+ -
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 2	UB5++, EE7MX, UK1++	1YZX2	2
····			,,		+ -
МІ	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 3	UB5++, EE7MX, UK1++	1YZX3	3
			,,	—	+ -
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Interzone	UB5++, EE7MX, UK1++	1YZXZ	1
		DS1 Clear Channel Capability - Per DS1	, , , , ,		1
MI	UNBUNDLED DEDICATED TRANSPORT		UB5++, EE7MX, UK1++	CLYX1	
MI	UNBUNDLED DEDICATED TRANSPORT	Circuit Arranged All Zones Connect	UB5++, EE7MX, UK1++	CLYX1	\perp

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
State	Product	DS1 Clear Channel Capability - Per DS1	COS (Class of Service)	0300	Zone
м	UNBUNDLED DEDICATED TRANSPORT	Circuit Arranged All Zones Connect	UB5++, EE7MX, UK1++	CLYX2	
IVII	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1	OBSTT, EETIMA, OK ITT	CLTAZ	
м	UNBUNDLED DEDICATED TRANSPORT	Circuit Arranged All Zones Connect	UB5++, EE7MX, UK1++	CLYX3	
IVII	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1	OBSTT, EETWA, OKTTT	GLIAS	+
м	UNBUNDLED DEDICATED TRANSPORT	Circuit Arranged All Zones Disconnect			
IVII	GINDGINDLED DEDICATED TRANSPORT	Olicuit Arrangeu All Zories Disconliect			+
м	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Connect Zone 1 per circuit	UB5++, EE7MX, UK1++	NKCU8	1
IVII	CHECKEL BEDICATED THANCEON	DS1 Interoffice NRC (Connect + Disconnect)	OBSTT, EETWIX, OKTTT	1411000	+ '-
м	UNBUNDLED DEDICATED TRANSPORT	Connect Zone 2 per circuit	UB5++, EE7MX, UK1++	NKCU8	2
1011	CHECKELE BLEICHTED HANGE CHT	Connect Zone Z per on our	OBO: 1, EE/WIX, OKT 1	1411000	
М	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Connect Zone 3 per circuit	UB5++, EE7MX, UK1++	NKCU8	3
14.1.	CHECKELE BEBIGHTED HV WOLDH	Bet interessed three desirious zeries of per essential	OBOVY, ELPHINA, OTTIV	1111000	+ -
м	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Disconnect Zone 1 per circuit	UB5++, EE7MX, UK1++	NKCU9	1
			, ==: , =::		
М	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Disconnect Zone 2 per circuit	UB5++, EE7MX, UK1++	NKCU9	2
			, , , , ,		
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Disconnect Zone 3 per circuit	UB5++, EE7MX, UK1++	NKCU9	3
		DS1 Interoffice NRC UDT Installation and			
MI	UNBUNDLED DEDICATED TRANSPORT	Rearrangement - Admin. Charge, Connect, Per Order	UB5++, EE7MX, UK1++	ORCMX	
		DS1 Interoffice NRC EELS Installation and			
		Rearrangement - Admin. Charge, Disconnect,			
м	UNBUNDLED DEDICATED TRANSPORT	Per Order	UB5++, EE7MX, UK1++	NR9OT	
		DS3 Interoffice Mileage Termination - Per Point	- ,		1
MI	UNBUNDLED DEDICATED TRANSPORT	of Termination Zone 1	UB5++, EE7NX, UK3++	CZ4W1	1
		DS3 Interoffice Mileage Termination - Per Point	- , ,	-	
MI	UNBUNDLED DEDICATED TRANSPORT	of Termination Zone 2	UB5++, EE7NX, UK3++	CZ4W2	2
		DS3 Interoffice Mileage Termination - Per Point			
MI	UNBUNDLED DEDICATED TRANSPORT	of Termination Zone 3	UB5++, EE7NX, UK3++	CZ4W3	3
		DS3 Interoffice Mileage Termination - Per Point			
MI	UNBUNDLED DEDICATED TRANSPORT	of Termination Interzone	UB5++, EE7NX, UK3++	CZ4WZ	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 1	UB5++, EE7NX, UK3++	1YZB1	1

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	T				
State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone
Otato	110000	rtate Element Boodiption	(0.000 0.001 1.00)	0000	20110
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 2	UB5++, EE7NX, UK3++	1YZB2	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 3	UB5++, EE7NX, UK3++	1YZB3	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Interzone	UB5++, EE7NX, UK3++	1YZBZ	ı
МІ	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC (Connect + Disconnect)Connect Zone 1 per circuit	UB5++, EE7NX, UK3++	NKCUE	1
IVII	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC (Connect +	UBSTT, EE/NA, UKSTT	INCOE	ı
МІ	UNBUNDLED DEDICATED TRANSPORT	Disconnect)Connect Zone 2 per circuit	UB5++, EE7NX, UK3++	NKCUE	2
- '*''	CHECKELE BESIGNAED HARVEY CIVI	DS3 Interoffice NRC (Connect +	OBOTT, EETIDA, OROTT	THIOOL	_
MI	UNBUNDLED DEDICATED TRANSPORT	Disconnect) Connect Zone 3 per circuit	UB5++, EE7NX, UK3++	NKCUE	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC Disconnect Zone 1 per circuit	UB5++, EE7NX, UK3++	NKCUF	1
					_
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC Disconnect Zone 2 per circuit	UB5++, EE7NX, UK3++	NKCUF	2
МІ	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC Disconnect Zone 3 per circuit	UB5++, EE7NX, UK3++	NKCUF	3
IVII	UNBUNDLED DEDICATED TRANSFORT	DS3 Installation and Rearrangement -	OBSTT, EETINA, ORSTT	INCOF	3
МІ	UNBUNDLED DEDICATED TRANSPORT	Admin. Charge, Connect, Per Order	UB5++, EE7NX, UK3++	ORCMX	
		DS3 Interoffice NRC DS3 Installation and	,,		
MI	UNBUNDLED DEDICATED TRANSPORT	Rearrangement - Admin. Charge, Disconnect, Per	UB5++, EE7NX, UK3++	NRBCL	
		Multiplexing DS1 to Voice Grade All			
MI	UNBUNDLED DEDICATED TRANSPORT	Zones, Per Arrangement	UB5++, UK1++	QMVX1	
		Multiplexing DS1 to Voice Grade All		2.00/-	
MI	UNBUNDLED DEDICATED TRANSPORT	Zones, Per Arrangement	UB5++, UK1++	QMVX2	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All	LIDE LI LIIZA L	QMVX3	
IVII	UNDUNDLED DEDICATED TRANSPORT	Zones, Per Arrangement	UB5++, UK1++	QIVIVAS	
МІ	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X1	
1411	C. L. C. L. L. L. C.	manapierang 500 to 5017 th 201100, 1 017 thangoment	0.00000	GINOZEI	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X2	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X2	

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Exhibit A

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X3	
MI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			EE71+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++.		
			L6X++, L7X++, L8X++, L9X++,		
			LAX++, LBX++, LCX++, LWX++,		
	UNBUNDLED EXCHANGE ACCESS		L2X++, L32++, L33++, L36++,		
NV	LOOP	2-Wire Analog - Zone 1	LPX++, LTX++	LKB	1
144	2001	2 Wile / Wallog Zone 1	EE7T+, EE7U+, BCL++,	LIND	
			RCL++,L3X++, L4X++, L5X++,		
			L6X++, L7X++, L8X++, L9X++,		
			LAX++, LBX++, LCX++, LWX++,		
	UNBUNDLED EXCHANGE ACCESS		L2X++, L32++, L33++, L36++,		
NV	LOOP	2-Wire Analog - Zone 2	LPX++, LTX++	LKB	2
			EE7T+, EE7U+, BCL++,		
			RCL++,L3X++, L4X++, L5X++,		
			L6X++, L7X++, L8X++, L9X++,		
	LINDUNDUED EVOLUNDE ACCESS		LAX++, LBX++, LCX++, LWX++,		
	UNBUNDLED EXCHANGE ACCESS	0.44" 4 4 7 0	L2X++, L32++, L33++, L36++,		
NV	LOOP	2-Wire Analog - Zone 3	LPX++, LTX++ EE/1+, EE/U+, BCL++,	LKB	3
			RCL++,L3X++, L4X++, L5X++,		
			L6X++. L7X++. L8X++. L9X++.		
			LAX++. LBX++. LCX++. LWX++.		
	UNBUNDLED EXCHANGE ACCESS		L2X++, L32++, L33++, L36++,		
NV	LOOP	2-Wire Analog - Zone 1	LPX++, LTX++	LKBAA	1
	2001	2 TTHO THAINING ZONO T	EE/T+, EE/U+, BCL++,	LIND) U	
			RCL++,L3X++, L4X++, L5X++,		
			L6X++, L7X++, L8X++, L9X++,		
			LAX++, LBX++, LCX++, LWX++,		
	UNBUNDLED EXCHANGE ACCESS		L2X++, L32++, L33++, L36++,		
NV	LOOP	2-Wire Analog - Zone 2	LPX++, LTX++	LKBAA	2

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			EE7T+, EE7U+, BCL++,		
			RCL++,L3X++, L4X++, L5X++,		
			L6X++, L7X++, L8X++, L9X++,		
	LINDUNDI ED EVOLIANOE A COECO		LAX++, LBX++, LCX++, LWX++,		
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2 Mire Angles Zone 2	L2X++, L32++, L33++, L36++, LPX++, LTX++	LKBAA	3
INV	LOOP	2-Wire Analog - Zone 3	EE7T+, EE7U+, BCL++,	LNBAA	3
			RCL++,L3X++, L4X++, L5X++,		
			L6X++, L7X++, L8X++, L9X++,		
			LAX++, LBX++, LCX++, LWX++,		
	UNBUNDLED EXCHANGE ACCESS		L2X++, L32++, L33++, L36++,		
NV	LOOP	2-Wire Analog - Zone 1	LPX++, LTX++	AELKB	1
			EE7T+, EE7U+, BCL++,		
			RCL++,L3X++, L4X++, L5X++,		
			L6X++, L7X++, L8X++, L9X++,		
			LAX++, LBX++, LCX++, LWX++,		
	UNBUNDLED EXCHANGE ACCESS		L2X++, L32++, L33++, L36++,		
NV	LOOP	2-Wire Analog - Zone 2	LPX++, LTX++ EE/1+, EE/U+, BCL++,	AELKB	2
			RCL++,L3X++, L4X++, L5X++,		
			L6X++, L7X++, L8X++, L9X++,		
			LAX++, LBX++, LCX++, LWX++,		
	UNBUNDLED EXCHANGE ACCESS		L2X++, L32++, L33++, L36++,		
NV	LOOP	2-Wire Analog - Zone 3	LPX++, LTX++	AELKB	3
INV	LOOF	2-Wile Alialog - Zolle 3	EE/I+, EE/U+, BCL++,	AELND	3
			RCL++,L3X++, L4X++, L5X++,		
			L6X++, L7X++, L8X++, L9X++,		
			LAX++, LBX++, LCX++, LWX++,		
	UNBUNDLED EXCHANGE ACCESS		L2X++, L32++, L33++, L36++,		
NV	LOOP	2-Wire Analog - Zone 1	LPX++, LTX++	AELKA	1

State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone
			EE/1+, EE/U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++,		
NV	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog - Zone 2	L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKA	2
INV	UNBUNDLED EXCHANGE ACCESS	2-Wire Arialog - Zone 2	EE71+, E171++ RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++,	AELNA	2
NV	LOOP	2-Wire Analog - Zone 3	LPX++, LTX++	AELKA	3
NV	UNBUNDLED EXCHANGE ACCESS LOOP	5db Conditioning - 2-Wire Analog - Zone 1			1
NV	UNBUNDLED EXCHANGE ACCESS LOOP	5db Conditioning - 2-Wire Analog - Zone 2			2
NV	UNBUNDLED EXCHANGE ACCESS LOOP	5db Conditioning - 2-Wire Analog - Zone 3			3
NV	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Zone 1	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+,	LK4WA	1
NV	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Zone 2	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+,	LK4WA	2
NV	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Zone 3	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+	LK4WA	3
NV	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects to Collocation Cage - Analog 2-wire	BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	CCDSO	

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State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone
		·	BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++,		
	UNBUNDLED EXCHANGE ACCESS		LWX++, L2X++, L32++, L33++,		
NV	LOOP	Cross Connects to Collocation Cage - Analog 2-wire	L36++, LPX++, LTX++	AEE1S	
	UNBUNDLED EXCHANGE ACCESS				
NV	LOOP	Cross Connects to Collocation Cage - Analog 4-wire	BCL++, RCL++,L3X++, L4X++,	C2CB4	
			L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++,		
		Cross Connects to Point of Access (POA) - Analog	LWX++, L2X++, L32++, L33++,		
NV	UNBUNDLED DEDICATED TRANSPORT	Loop to POA - 2-Wire - Method 1	L36++, LPX++, LTX++	UXRA1	1
140	CHECHELE BEBIONIES IT WINCH CITY	Loop to 1 Of 2 Wile Method 1	BCL++, RCL++,L3X++, L4X++,	07(10/1)	'
			L5X++, L6X++, L7X++, L8X++,		
			L9X++, LAX++, LBX++, LCX++,		
		Cross Connects to Point of Access (POA) - Analog	LWX++, L2X++, L32++, L33++,		
NV	UNBUNDLED DEDICATED TRANSPORT	Loop to POA - 2-Wire - Method 2	L36++, LPX++, LTX++	UXRA2	2
			BCL++, RCL++,L3X++, L4X++,		
			L5X++, L6X++, L7X++, L8X++,		
			L9X++, LAX++, LBX++, LCX++,		
NIV /	LINDUNDUED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Analog	LWX++, L2X++, L32++, L33++,	LIVDAE	
NV	UNBUNDLED DEDICATED TRANSPORT	Loop to POA - 2-Wire - Method 3 Cross Connects to Point of Access (POA) - Analog	L36++, LPX++, LTX++	UXRA5	3
NV	UNBUNDLED DEDICATED TRANSPORT	Loop to POA - 4-Wire - Method 1		UXRB1	1
INV	GINDOINDLED DEDICATED TRAINSFORT	Cross Connects to Point of Access (POA) - Analog		OXINDI	'
NV	UNBUNDLED DEDICATED TRANSPORT	Loop to POA - 4-Wire - Method 2		UXRB2	2
		Cross Connects to Point of Access (POA) - Analog			
NV	UNBUNDLED DEDICATED TRANSPORT	Loop to POA - 4-Wire - Method 3		UXRB5	3
		Cross Connects to Point of Access (POA) - Digital Loop	B1L++, R1L++, LK1, L56++,		
NV	UNBUNDLED DEDICATED TRANSPORT	to POA - 2-Wire - Method 1	L2DC	UXRA1	1
N 13 /	LINIDI INDI ED DEDICATED TOANGOCOT	Cross Connects to Point of Access (POA) - Digital Loop	B1L++, R1L++, LK1, L56++,	LIVEAG	
NV	UNBUNDLED DEDICATED TRANSPORT	to POA - 2-Wire - Method 2 Cross Connects to Point of Access (POA) - Digital Loop	L2DC B1L++, R1L++, LK1, L56++,	UXRA2	2
NV	UNBUNDLED DEDICATED TRANSPORT	to POA - 2-Wire - Method 3	L2DC	UXRA5	3

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Exhibit A

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		Cross Connects to Point of Access (POA) - Digital Loop			
NV	UNBUNDLED DEDICATED TRANSPORT	to POA - 4-Wire - Method 1	BDL++	UXRB1	1
		Cross Connects to Point of Access (POA) - Digital Loop			
NV	UNBUNDLED DEDICATED TRANSPORT	to POA - 4-Wire - Method 2	BDL++	UXRB2	2
		Cross Connects to Point of Access (POA) - Digital Loop			
NV	UNBUNDLED DEDICATED TRANSPORT	to POA - 4-Wire - Method 3	BDL++	UXRB5	3
		Dedicated Transport - DS1 Interoffice Transport -	074 5574	41.5115	
NV	UNBUNDLED DEDICATED TRANSPORT	Statewide - Fixed (per termination)	CT1++, EE7M+	1L5UB	
NIV /	LINDUNDUED DEDICATED TRANSPORT	Dedicated Transport - DS1 Interoffice Transport -	OT0 FEZD. FEZO.	41 CUD	
NV	UNBUNDLED DEDICATED TRANSPORT	Statewide - Variable (per mile)	CT3++, EE7P+, EE7Q+	1L5UB	
NV	LINDUNDUED DEDICATED TRANSPORT	Dedicated Transport - DS3 Interoffice Transport -	CT4 FF7M.	1L5UB	
INV	UNBUNDLED DEDICATED TRANSPORT	Statewide - Fixed (per termination) Dedicated Transport - DS3 Interoffice Transport -	CT1++, EE7M+	ILOUB	
NV	UNBUNDLED DEDICATED TRANSPORT	Statewide - Variable (per mile)	CT3++, EE7P+, EE7Q+	1L5UB	
INV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect - DS1 to	C13++, EE7P+, EE7Q+	ILOUD	
NV	UNBUNDLED DEDICATED TRANSPORT	Collocation			
INV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect - DS3 to			
NV	UNBUNDLED DEDICATED TRANSPORT	Collocation			
INV	UNBUNDLED DEDICATED TRANSPORT	Collocation			
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS1 / Voice Grade	CT1++, EE7M+	MQ1UB	
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS3 / DS1	CT3++, EE7P+, EE7Q+	MQ3UB	

Exhibit A

State	Product	Rate Element Description	COS (Class of Service) BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++, B1L++, R1L++, LK1, L56++, L2DCB, P1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+,	USOC	Zone
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)	RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	XOX15	
NV		Analog/Digital O. Wing Initial/OFOAD/I EV. Cital N	BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++, B1L++, R1L++, LK1, L56++, L2DCB, P1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+. RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+,	HOVAS	
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)	L36++, LPX++, LTX++, B1L++, R1L++, LK1, L56++, L2DCB, P1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+. RP4X+, NS4X+, BP5X+,	HOX15	

Exhibit A

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
			BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++, B1L++, R1L++, LK1, L56++, L2DCB, P1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+,		
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 2-Wire - Initial (Mechanized)	NS7X+	MOX15	
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)	LK4WA, BDL++	CDS1S	
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)	LK4WA, BDL++	HOX82	
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (Mechanized)	LK4WA, BDL++	MOX82	
NV	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation - Initial (CESAR/LEX - Simple)	ULUC+	CDS3S	
NV	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation - Initial (CESAR/LEX - Simple)	ULUC+	HOX82	
NV	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation - Initial (Mechanized)	ULUC+	MOX82	

Exhibit A

State	Product	Rate Element Description	COS (Class of Service) BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++.	usoc	Zone
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)	L9X++, L0X++, L7X++, LCX++, L9X++, L2X++, L32++, L33++, L36++, LPX++, LTX++, B1L++, R1L++, LK1, L56++, L2DCB, P1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+. RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	XOX18	
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)	BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++, B1L++, R1L++, LK1, L56++, L2DCB, P1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+. RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+,	HOX18	

					T
State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		,	BCL++, RCL++,L3X++, L4X++,		
			L5X++, L6X++, L7X++, L8X++,		
			L9X++, LAX++, LBX++, LCX++,		
			LWX++, L2X++, L32++, L33++,		
			L36++, LPX++, LTX++, B1L++,		
			R1L++, LK1, L56++, L2DCB,		
			P1A+, RP1A+, NS1A+, BP1B+,		
			RP1B+, NS1B+, BP2X+, RP2X+,		
			NS2X+, BP3A+, RP3A+, NS3A+,		
			BP4X+. RP4X+, NS4X+, BP5X+,		
		Cross Connects to Collocation Cage - Disconnect -	RP5X+, NS5X+, BP7X+, RP7X+,		
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 2-Wire - Initial (Mechanized)	NS7X+	MOX18	
		Cross Connects to Collocation Cage - Disconnect -			
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)	LK4WA, BDL++	CDS1D	
NV	LINDUNDUED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect -	LICANNA BDL	HOVOS	
INV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple) Cross Connects to Collocation Cage - Disconnect -	LK4WA, BDL++	HOX96	
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (Mechanized)	LK4WA, BDL++	MOX96	
144	CHECHELE BEBIONIES IIVINGI GIVI	Cross Connects to Collocation Cage - Disconnect -	EIGHWA, BBE.	WOXOO	+
NV	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation - Initial (CESAR/LEX - Simple)	ULUC+	CDS3D	
		Cross Connects to Collocation Cage - Disconnect -			
NV	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation - Initial (CESAR/LEX - Simple)	ULUC+	HOX96	
		Cross Connects to Collocation Cage - Disconnect -			
NV	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation - Initial (Mechanized)	ULUC+	MOX96	
NV	LINDUNDUED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change -			
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple) Cross Connects to Collocation Cage - Change -			
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 2-Wire - Initial (Mechanized)			
140	CARBOTTE DEDICATED TO THE OTTO	Cross Connects to Collocation Cage - Change -			+
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)			
		Cross Connects to Collocation Cage - Change -			
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (Mechanized)			
		Cross Connects to Collocation Cage - Change - DS3			
NV	UNBUNDLED DEDICATED TRANSPORT	to Collocation - Initial (CESAR/LEX - Simple)			

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State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone
		Cross Connects to Collocation Cage - Change - DS3			
NV	UNBUNDLED DEDICATED TRANSPORT	to Collocation - Initial (Mechanized)			
		Cross Connects to Collocation Cage - Record -			
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)			
		Cross Connects to Collocation Cage - Record -			
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 2-Wire - Initial (Mechanized)			
		Cross Connects to Collocation Cage - Record -			
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)			
		Cross Connects to Collocation Cage - Record -			
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (Mechanized)			
		Cross Connects to Collocation Cage - Record - DS3 to			
NV	UNBUNDLED DEDICATED TRANSPORT	Collocation - Initial (CESAR/LEX - Simple)			
	LIND IND ED DEDIGATED TRANSPORT	Cross Connects to Collocation Cage - Record -			
NV	UNBUNDLED DEDICATED TRANSPORT	D366DS3 to Collocation - Initial (Mechanized) Multiplexing - Connect - DS1/DS0 (CESAR/LEX -			
NIV /	LINDUNDUED DEDICATED TRANSPORT		OT4	MOALIO	
NV	UNBUNDLED DEDICATED TRANSPORT	Simple)	CT1++, EE7M+	MQ1UC	
N 13 /	LIND IND ED DEDIGATED TRANSPORT	Multiplexing - Connect - DS1/DS0 (CESAR/LEX -	OT4	110)/04	
NV	UNBUNDLED DEDICATED TRANSPORT	Simple)	CT1++, EE7M+	HOX91	
N 13 /	LIND IND ED DEDIGATED TRANSPORT	M III I	OT4		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS1/DS0 (Mechanized)	CT1++, EE7M+		
	LINE IN ED DEDIGATED TO ANGROOT	Multiplexing - Connect - DS3/DS1 (CESAR/LEX -	070 5550 5550	1100110	
NV	UNBUNDLED DEDICATED TRANSPORT	Simple)	CT3++, EE7P+, EE7Q+	MQ3UC	
	LINE IN ED DEDIGATED TO ANGROOT	Multiplexing - Connect - DS3/DS1 (CESAR/LEX -	070 5550 5550	1101/04	
NV	UNBUNDLED DEDICATED TRANSPORT	Simple)	CT3++, EE7P+, EE7Q+	HOX91	\perp
		N. W. L. C	0.70 5570 5570		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS3/DS1 (Mechanized)	CT3++, EE7P+, EE7Q+		
		Multiplexing - Disconnect - DS1/DS0 (CESAR/LEX -			
NV	UNBUNDLED DEDICATED TRANSPORT	Simple)	CT1++, EE7M+	MQ1UD	
		Multiplexing - Disconnect - DS1/DS0 (CESAR/LEX -			
NV	UNBUNDLED DEDICATED TRANSPORT	Simple)	CT1++, EE7M+	HOX99	\perp
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS1/DS0 (Mechanized)	CT1++, EE7M+		
		Multiplexing - Disconnect - DS3/DS1 (CESAR/LEX -			
NV	UNBUNDLED DEDICATED TRANSPORT	Simple)	CT3++, EE7P+, EE7Q+	MQ3UD	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		Multiplexing - Disconnect - DS3/DS1 (CESAR/LEX -	, ,		
NV	UNBUNDLED DEDICATED TRANSPORT	Simple)	CT3++, EE7P+, EE7Q+	HOX99	
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS3/DS1 (Mechanized)	CT3++, EE7P+, EE7Q+		
NV	LINDUNDUED DEDICATED TRANSPORT	Multiplexing - Change - DS1/DS0 (CESAR/LEX -	OT4 FE7M.		
INV	UNBUNDLED DEDICATED TRANSPORT	Simple)	CT1++, EE7M+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Change - DS1/DS0 (Mechanized)	CT1++, EE7M+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Change - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+		
INV	UNBUNDLED DEDICATED TRANSFORT	Simple)	C13++, EE1F+, EE1Q+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Change - DS3/DS1 (Mechanized)	CT3++, EE7P+, EE7Q+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Record - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+		
INV	ONBONDEED DEDICATED TRANSPORT	Oimpie)	CTTTT, EETWIT		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Record - DS1/DS0 (Mechanized)	CT1++, EE7M+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Record - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+		
140	CHECHELE BLEICHTED HANGI CITI	Ompio)	0.0, 2271 1, 227 01		+
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Record - DS3/DS1 (Mechanized)	CT3++, EE7P+, EE7Q+		

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
	UNBUNDLED EXCHANGE ACCESS				
OH	LOOP	2-Wire Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2HXB	В
	UNBUNDLED EXCHANGE ACCESS				
OH	LOOP	2-Wire Analog - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2HXC	С
	UNBUNDLED EXCHANGE ACCESS				
OH	LOOP	2-Wire Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2HXD	D
	UNBUNDLED EXCHANGE ACCESS				
OH	LOOP	2-Wire Ground Start, Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2JXB	В
	UNBUNDLED EXCHANGE ACCESS	2-Wire Ground Start, Analog - Suburban (Access Area			_
OH	LOOP	C)	MUJ++, UOB++, UOR++, EE7JX	U2JXC	С
011	UNBUNDLED EXCHANGE ACCESS		MULL HOD LIGHT FEZ IV	LIGHYD	_
OH	LOOP UNBUNDLED EXCHANGE ACCESS	2-Wire Ground Start, Analog - Rural (Access Area D) 2-Wire Ground Start. DID Business - Metro (Access	MUJ++, UOB++, UOR++, EE7JX	U2JXD	D
011	LOOP	,	MILLE HORE HORE EFTIN	LIOWAND	В
ОН	UNBUNDLED EXCHANGE ACCESS	Area B) 2-Wire Ground Start, DID Business - Suburban	MUJ++, UOB++, UOR++, EE7JX	U2WXB	В
ОН	LOOP	(Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2WXC	С
ОП	UNBUNDLED EXCHANGE ACCESS	2-Wire Ground Start, DID Business - Rural (Access	MOJ++, OOB++, OOR++, EE73X	UZVVAC	
ОН	LOOP	Area D)	MUJ++, UOB++, UOR++, EE7JX	U2WXD	D
011	UNBUNDLED EXCHANGE ACCESS	Alca b)	MOSTI, GOBIT, GORTI, ELIOX	OZVVAD	
ОН	LOOP	2-Wire COPTS Coin - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2CXB	В
011	UNBUNDLED EXCHANGE ACCESS	2 THE COLLECTION MORE (TOOSSETTED B)	Moore, Cober, Contre, Ellox	OZONB	
ОН	LOOP	2-Wire COPTS Coin - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2CXC	С
	UNBUNDLED EXCHANGE ACCESS		, , , , , , , , , , , , , , , , , , , ,		
ОН	LOOP	2-Wire COPTS Coin - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2CXD	D
	UNBUNDLED EXCHANGE ACCESS				
OH	LOOP	2-Wire EKL - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2KXB	В
	UNBUNDLED EXCHANGE ACCESS				
OH	LOOP	2-Wire EKL - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2KXC	С
	UNBUNDLED EXCHANGE ACCESS				
OH	LOOP	2-Wire EKL - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2KXD	D
	UNBUNDLED EXCHANGE ACCESS				
ОН	LOOP	4-Wire Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7KX	U4HXB	В
	UNBUNDLED EXCHANGE ACCESS				
OH	LOOP	4-Wire Analog - Suburban (Access AreaC)	MUJ++, UOB++, UOR++, EE7KX	U4HXC	С

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	T				
State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
	UNBUNDLED EXCHANGE ACCESS				
OH	LOOP	4-Wire Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7LX	U4HXD	D
		Dedicated Transport Interoffice Transport: 'DS1			
		Interoffice Mileage Termination - Per Point of			
OH	UNBUNDLED DEDICATED TRANSPORT	Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1	
		Dedicated Transport Interoffice Transport: 'DS1			
		Interoffice Mileage Termination - Per Point of			
OH	UNBUNDLED DEDICATED TRANSPORT	Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2	
		Dedicated Transport Interoffice Transport: 'DS1			
		Interoffice Mileage Termination - Per Point of			
OH	UNBUNDLED DEDICATED TRANSPORT	Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3	
		Dedicated Transport Interoffice Transport: 'DS1			
OH	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1	
		Dedicated Transport Interoffice Transport: 'DS1			
OH	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2	
		Dedicated Transport Interoffice Transport: 'DS1			
OH	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3	
		Dedicated Transport Interoffice Transport: 'DS3			
		Interoffice Mileage Termination - Per Point of			
OH	UNBUNDLED DEDICATED TRANSPORT	Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1	
		Dedicated Transport Interoffice Transport: 'DS3			
		Interoffice Mileage Termination - Per Point of			
OH	UNBUNDLED DEDICATED TRANSPORT	Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2	
		Dedicated Transport Interoffice Transport: 'DS3			
		Interoffice Mileage Termination - Per Point of			
OH	UNBUNDLED DEDICATED TRANSPORT	Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3	
		Dedicated Transport Interoffice Transport: 'DS3			
OH	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1	
		Dedicated Transport Interoffice Transport: 'DS3			
OH	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2	
		Dedicated Transport Interoffice Transport: 'DS3			
OH	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3	
ОН	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX1	
			· · · · · · · · · · · · · · · · · · ·		

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
ОН	LINDUNDUED DEDICATED TRANSPORT	Multiplaying DC4 to Vaice Crade	LIDE L. LIKA L.	QMVX2	
UH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QIVIVX2	+
ОН	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX3	
OH	GINDOINDLED DEDICATED TRAINSFORT	ividitiplexing DST to voice Grade	OBSTT, ORTTT	QIVIVAS	+
ОН	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
011	CHECHELE BESIGNIES HVINCH CITI	Bedioated Transport Gross Connects Be 1	OBOTT, ELTWIN, ORTE	ОЛОВЛ	+
ОН	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	
			, ==::::, =:::		
ОН	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X1	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X2	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X3	
		Dedicated Transport Optional Features & Functions			
OH	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per 1.544 Mbps Circuit	UB5++, EE7MX, UK1++	CLYX1	
		Dedicated Transport Optional Features & Functions			
OH	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per 1.544 Mbps Circuit	UB5++, EE7MX, UK1++	CLYX2	
		Dedicated Transport Optional Features & Functions		211072	
ОН	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per 1.544 Mbps Circuit	UB5++, EE7MX, UK1++	CLYX3	
011	LIND IND ED DEDIGATED TRANSPORT	Dedicated Transport Installation & Rearrangement	LIDE EEZMY LIKA	OBOMY	
ОН	UNBUNDLED DEDICATED TRANSPORT	Charges DS1 Administration Charge - Per Order	UB5++, EE7MX, UK1++	ORCMX	
011	LINDUNDUED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement	LIDE EEZNAV LIIZA	NDDOL	
ОН	UNBUNDLED DEDICATED TRANSPORT	Charges DS1 Design & Central Office Connection	UB5++, EE7MX, UK1++	NRBCL	
ОН	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Carrier Connection Charge - Per Order	UB5++, EE7MX, UK1++	NRBBL	
ОП	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement	UBS++, EE7WA, UK1++	INKDDL	+
ОН	UNBUNDLED DEDICATED TRANSPORT	Charges DS3 Administration Charge - Per Order	UB5++, EE7NX, UK3++	ORCMX	
011	CINDOINDEED DEDICATED TRANSFORT	Dedicated Transport Installation & Rearrangement	ODDIT, LETIVA, ONSTT	ONOMA	+
ОН	UNBUNDLED DEDICATED TRANSPORT	Charges DS3 Design & Central Office Connection	UB5++, EE7NX, UK3++	NRBCL	
011	CITED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement	ODOTT, ELTIVA, OROTT	MINDOL	+
ОН	UNBUNDLED DEDICATED TRANSPORT	Charges DS3 Carrier Connection Charge - Per Order	UB5++, EE7NX, UK3++	NRBBL	
		g	1_3 ,, , 0,		

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
State	UNBUNDLED EXCHANGE ACCESS	Rate Element Description	COS (Class of Service)	0300	Zone
TX	LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
	UNBUNDLED EXCHANGE ACCESS	Z Trino / manag Zoop Zono : (I tanan)		01.	
TX	LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
	UNBUNDLED EXCHANGE ACCESS	. , , ,			
TX	LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
	UNBUNDLED EXCHANGE ACCESS				
TX	LOOP	2-Wire Analog Loop - Disconnect		NKCT1	
	UNBUNDLED EXCHANGE ACCESS				
TX	LOOP	4-Wire Analog Loop - Zone 1 (Rural)		U4H	1
T./	UNBUNDLED EXCHANGE ACCESS	4 NA /		11411	
TX	LOOP UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
TX	LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
1/	UNBUNDLED EXCHANGE ACCESS	4-Wile Alialog Loop - Zolle 3 (Olbali)		0411	3
TX	LOOP	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
1/	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog Loop Cross Connect to Collocation		UCACZ	+
TX	LOOP	(without testing)		UCXD2	
	UNBUNDLED EXCHANGE ACCESS	(mineut teemig)		00/122	+ -
TX	LOOP	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	
	UNBUNDLED EXCHANGE ACCESS	4-Wire Analog Loop Cross Connect to Collocation			
TX	LOOP	(without testing)		UCXD4	
		DT-DS1 Interoffice Transport, First Mile - Zone 1			
TX	UNBUNDLED DEDICATED TRANSPORT	(Rural)		ULNHS	1
		DT-DS1 Interoffice Transport, First Mile - Zone 2			
TX	UNBUNDLED DEDICATED TRANSPORT	(Suburban)		ULNHS	2
		DT-DS1 Interoffice Transport, First Mile - Zone 3			
TX	UNBUNDLED DEDICATED TRANSPORT	(Urban)		ULNHS	3
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
TV	LINDUNDUED DEDICATED TRANSPORT	DT DC4 Interesting Transport First Mile Discourses		NIZOTO	
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Disconnect		NKCT8	
TV	LINDLINDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile -		LILAULO	1
TX	UNBUNDLED DEDICATED TRANSPORT	Zone 1 (Rural)		ULNHS	1

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Exhibit A

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
17	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile -		ULINIO	
TX	UNBUNDLED DEDICATED TRANSPORT	Zone 3 (Urban)		ULNHS	3
1/	ONDONDEED DEDICATED TRAINSFORT	DT-DS1 Interoffice Transport, Each Additional Mile -		OLIVIIO	
TX	UNBUNDLED DEDICATED TRANSPORT	Interzone		ULNHS	
17	CHECHELE BESIGNIES INVINCION	DT-DS3 Interoffice Transport, First Mile - Zone 1		OLIVITO	+ '-
TX	UNBUNDLED DEDICATED TRANSPORT	(Rural)		ULNJS	1
170	CHECKE BESIGNIES HUMONON	DT-DS3 Interoffice Transport, First Mile - Zone 2		02,100	+
TX	UNBUNDLED DEDICATED TRANSPORT	(Suburban)		ULNJS	2
	0.150.15125 525.07.125 110.110. 0111	DT-DS3 Interoffice Transport, First Mile - Zone 3		0200	
TX	UNBUNDLED DEDICATED TRANSPORT	(Urban)		ULNJS	3
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	1
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Disconnect		NKCT9	
		DT-DS3 Interoffice Transport, Each Additional Mile -			
TX	UNBUNDLED DEDICATED TRANSPORT	Zone 1 (Rural)		ULNJS	1
		DT-DS3 Interoffice Transport, Each Additional Mile -			
TX	UNBUNDLED DEDICATED TRANSPORT	Zone 2 (Suburban)		ULNJS	2
		DT-DS3 Interoffice Transport, Each Additional Mile -			
TX	UNBUNDLED DEDICATED TRANSPORT	Zone 3 (Urban)		ULNJS	3
		DT-DS3 Interoffice Transport, Each Additional Mile -			
TX	UNBUNDLED DEDICATED TRANSPORT	Interzone		ULNJS	I
TX	UNBUNDLED DEDICATED TRANSPORT	DS1 Cross Connect to Collocation	UBNTX	UCXHX	
TX	UNBUNDLED DEDICATED TRANSPORT	DS3 Cross Connect to Collocation		UCXJX	-
	LINDING ED DEDIGATED TRANSCORT	M III 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		LIMADY	
TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS1 to VG		UM4BX	
	LINDUNDUED DEDICATED TRANSPORT	Multiplexing DC4 to VC Discopped		NIZOTO	
TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS1 to VG - Disconnect		NKCTC	

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Exhibit A

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS3 to DS1		UM4AX	
TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS3 to DS1 - Disconnect		NKCT6	

	T				
State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
	UNBUNDLED EXCHANGE ACCESS	0.14" A 1 D 1/A A 0)	MILLS HODS HODS FEZIN	110111/0	
WI	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2HXC	С
14/1	LOOP	2 Mire Angles Cubumban (Access Area D)	MILLE HORE HORE EFTIN	HOUND	В
WI	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2HXB	В
wı	LOOP	O Mira Amalan Matra (Access Area A)	MILLE HORE HORE EFTIN	U2HXA	
VVI	UNBUNDLED EXCHANGE ACCESS	2-Wire Analog - Metro (Access Area A) 2-Wire Ground Start, Analog DID/Reverse Battery -	MUJ++, UOB++, UOR++, EE7JX	UZHXA	Α
wı	LOOP	Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2WXC	С
VVI	UNBUNDLED EXCHANGE ACCESS	2-Wire Ground Start, Analog DID/Reverse Battery -	MOJ++, OOB++, OOR++, EE7JX	UZWAC	C
wı	LOOP	Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2WXB	В
VVI	UNBUNDLED EXCHANGE ACCESS	2-Wire Ground Start, Analog DID/Reverse Battery -	MOJ++, OOB++, OOK++, EE73X	UZWAB	ь
wı	LOOP	Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7JX	U2WXA	Α
771	UNBUNDLED EXCHANGE ACCESS	Wello (Access Area A)	WOST, OOBT, OOKT, EETOX	OZWAA	
WI	LOOP	2-Wire Ground Start, PBX - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2JXC	С
F ***	UNBUNDLED EXCHANGE ACCESS	2 Wile Ground Start, 1 BX Train (1666667 field 6)	moore, oobre, oortee, eerox	020/10	
WI	LOOP	2-Wire Ground Start, PBX - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2JXB	В
- '''	UNBUNDLED EXCHANGE ACCESS	2 Wile Greated Start, 1 BX Caparbair (1666667 fea B)	MOS 11, OOB 11, OOK 11, EE 101	OZOND	
WI	LOOP	2-Wire Ground Start, PBX - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7JX	U2JXA	Α
	UNBUNDLED EXCHANGE ACCESS	2 This Greatile start, 1 Bit motes (Accesso Access)		0207.0.1	, ,
WI	LOOP	2-Wire COPTS Coin - Rural (Access Area C)	MUJ++, UOB++, UOR++	U2CXC	С
	UNBUNDLED EXCHANGE ACCESS		, ,		
WI	LOOP	2-Wire COPTS Coin - Suburban (Access Area B)	MUJ++, UOB++, UOR++	U2CXB	В
	UNBUNDLED EXCHANGE ACCESS	` '	, ,		
WI	LOOP	2-Wire COPTS Coin - Metro (Access Area A)	MUJ++, UOB++, UOR++	U2CXA	Α
	UNBUNDLED EXCHANGE ACCESS				
WI	LOOP	2-Wire EKL - Rural (Access Area C)	MUJ++, UOB++, UOR++	U2KXC	С
	UNBUNDLED EXCHANGE ACCESS	,			
WI	LOOP	2-Wire EKL - Suburban (Access Area B)	MUJ++, UOB++, UOR++	U2KXB	В
	UNBUNDLED EXCHANGE ACCESS				
WI	LOOP	2-Wire EKL - Metro (Access Area A)	MUJ++, UOB++, UOR++	U2KXA	Α
	UNBUNDLED EXCHANGE ACCESS				
WI	LOOP	4-Wire Analog - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7KX	U4HXC	С
	UNBUNDLED EXCHANGE ACCESS				
WI	LOOP	4-Wire Analog - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7KX	U4HXB	В

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State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone
	UNBUNDLED EXCHANGE ACCESS	rtate Element Becompilen	(0.000 0. 00. 1.00)		
WI	LOOP	4-Wire Analog - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7KX	U4HXA	Α
		Dedicated Transport Interoffice Transport: DS1	, , , , , , , , , , , , , , , , , , , ,	<u> </u>	
		Interoffice Mileage Termination - Per Point of			
WI		Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1	
		Dedicated Transport Interoffice Transport: DS1	, ,		
WI	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage Termination - Per Point of	UB5++, EE7MX, UK1++	CZ4X2	
		Dedicated Transport Interoffice Transport: DS1	, ,		
WI		Interoffice Mileage Termination - Per Point of	UB5++, EE7MX, UK1++	CZ4X3	
		Dedicated Transport Interoffice Transport: DS1	, , , , ,		
WI	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1	
		Dedicated Transport Interoffice Transport: DS1	, , , , ,		
WI		Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2	
		Dedicated Transport Interoffice Transport: DS1	, , , , ,		
WI	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3	
		Dedicated Transport Interoffice Transport: DS3	, , , , ,	-	
WI	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage Termination - Per Point of	UB5++, EE7NX, UK3++	CZ4W1	
		Dedicated Transport Interoffice Transport: DS3	, , , , , , , , , , , , , , , , , , , ,	-	
WI		Interoffice Mileage Termination - Per Point of	UB5++, EE7NX, UK3++	CZ4W2	
		Dedicated Transport Interoffice Transport: DS3	, , , , , , , , , , , , , , , , , , , ,	-	
WI		Interoffice Mileage Termination - Per Point of	UB5++, EE7NX, UK3++	CZ4W3	
		Dedicated Transport Interoffice Transport: DS3	, , , , ,		
WI		Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1	
		Dedicated Transport Interoffice Transport: DS3	, ==::::, =:::		
WI		Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2	
		Dedicated Transport Interoffice Transport: DS3	,,		
WI	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3	
			,,		
WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX1	
			- , -		
WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX2	
		-	, -		
WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX3	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X1	
VVI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DSS to DS i	OBSTT, OKSTT	QIVIONI	-
WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X2	
***	CHECHELE BEBIONIES INVINCIONI	Miditiplexing Boo to Bo i	020, 01.0	QIVIOAZ	
WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X3	
		, , , , , , , , , , , , , , , , , , , ,	,		
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
		·			
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	
		Clear Channel Capability - Per 1.544 Mbps Circuit			
WI	UNBUNDLED DEDICATED TRANSPORT	Arranged	UB5++, EE7MX, UK1++	CLYX1	
		Clear Channel Capability - Per 1.544 Mbps Circuit			
WI	UNBUNDLED DEDICATED TRANSPORT	Arranged	UB5++, EE7MX, UK1++	CLYX2	
		Clear Channel Capability - Per 1.544 Mbps Circuit			
WI	UNBUNDLED DEDICATED TRANSPORT	Arranged	UB5++, EE7MX, UK1++	CLYX3	
		Clear Channel Capability - Per 1.544 Mbps Circuit			
WI	UNBUNDLED DEDICATED TRANSPORT	Arranged - Disconnect			
		Dedicated Transport Optional Features & Functions			
WI	UNBUNDLED DEDICATED TRANSPORT	DS1 Administration Charge - Per Order	UB5++, EE7MX, UK1++	ORCMX	
10/1	LINIDI INDI ED DEDIGATED TRANSCOST	Dedicated Transport Optional Features & Functions	LIDE EEZNAV LIIVA	TDD	
WI	UNBUNDLED DEDICATED TRANSPORT	DS1 Administrative Charge - Per Disconnect Order	UB5++, EE7MX, UK1++	TBD	1
WI	LINDLINDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions	LIDELL FEZMY LIKALL	NRBCL	
VVI	UNBUNDLED DEDICATED TRANSPORT	DS1 Design & Central Office Connection Charge - Per Dedicated Transport Optional Features & Functions	UB5++, EE7MX, UK1++	NKBCL	
WI	UNBUNDLED DEDICATED TRANSPORT	DS1 Design & Central Office Connection Charge	UB5++, EE7MX, UK1++	TBD	
VVI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions	UDSTT, EE/WA, UK I++	עסו	+
WI	UNBUNDLED DEDICATED TRANSPORT	DS1 Carrier Connection Charge - Per Order	UB5++, EE7MX, UK1++	NRBBL	
VVI	CINDOINDEED DEDICATED TRANSFORT	Dedicated Transport Installation & Rearrangement	ODS'', LLIWA, ORITT	MINDDL	+
WI	UNBUNDLED DEDICATED TRANSPORT	Charges DS3 Administration Charge - Per Order	UB5++, EE7NX, UK3++	ORCMX	
***	CARBOTTE DEDICATED TO THE OTTO	Dedicated Transport Installation & Rearrangement	SESTING SIGN	OTTOMA	+
WI	UNBUNDLED DEDICATED TRANSPORT	Charges DS3 Administrative Charge - Per Disconnect	UB5++, EE7NX, UK3++	TBD	
	C. CO. COLOR DEDICATED TO MOTOR OTT	enanges beer talliminerative enange if or bloodiniot	02011, EE1101, 011011	100	

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Exhibit A

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
		Dedicated Transport Installation & Rearrangement			
WI	UNBUNDLED DEDICATED TRANSPORT	Charges DS3 Design & Central Office Connection	UB5++, EE7NX, UK3++	NRBCL	
		Dedicated Transport Installation & Rearrangement			
WI	UNBUNDLED DEDICATED TRANSPORT	Charges DS3 Design & Central Office Connection	UB5++, EE7NX, UK3++	TBD	
		Dedicated Transport Installation & Rearrangement			
WI	UNBUNDLED DEDICATED TRANSPORT	Charges DS3 Carrier Connection Charge - Per Order	UB5++, EE7NX, UK3++	NRBBL	

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Exhibit B

AT&T ILEC ("AT&T")	CARRIER Legal Name	Contract Type	Approval Date
Illinois Bell Telephone Company, LLC d/b/a AT&T ILLINOIS (fka Illinois Bell Telephone Company d/b/a AT&T ILLINOIS)	QuantumShift Communications, Inc.	Interconnection	4/9/2003
Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA	QuantumShift Communications, Inc.	Interconnection	3/27/2003
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	QuantumShift Communications, Inc.	Interconnection	3/26/2003
The Ohio Bell Telephone Company d/b/a AT&T OHIO	QuantumShift Communications, Inc. d/b/a VCOM SOLUTIONS	Interconnection	4/30/2003
Wisconsin Bell Telephone Company d/b/a AT&T WISCONSIN	QuantumShift Communications, Inc. d/b/a VCOM SOLUTIONS	Interconnection	3/5/2003
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	QuantumShift Communications, Inc.	Interconnection	4/9/2003
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	QuantumShift Communications, Inc.	Interconnection	2/4/2003
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	QuantumShift Communications, Inc. d/b/a VCOM SOLUTIONS	Interconnection	8/6/2003
Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale	QuantumShift Communications, Inc.	Interconnection	4/1/2003
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	QuantumShift Communications, Inc. d/b/a VCOM SOLUTIONS	Interconnection	10/2/2003

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Summary: Application in the matter of the application for approval of an Amendment to an Interconnection Agreement between AT&T Ohio and QuantumShift Communications, Inc. electronically filed by Richard T Howell on behalf of AT&T Ohio