Kravitz, Brown & Dortch, Llc

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65 East State Street - Suite 200 Columbus, Ohio 43215-4277 614-464-2000 fax 614-464-2002

March 30, 2018

Via E-File

Docketing Division Public Utilities Commission of Ohio 180 East Broad Street Columbus, Ohio 43215

RE: Granite Telecommunications, LLC – Filing an Agreement between Granite Telecommunications, LLC and the Ohio Bell Telephone Company D/B/A AT&T Ohio

To Whom It May Concern:

Attached for submission to the Public Utilities Commission of Ohio ("PUCO" or "Commission") is an Amended Contract ("Contract") between Granite Telecommunications, LLC ("Granite") and the Ohio Bell Telephone Company D/B/A/ AT&T Ohio ("AT&T Ohio"). This Contract is being filed for the Commission's consideration as a "special arrangement" pursuant to Ohio Revised Code §4905.31.

Please feel free to contact me with any questions concerning this filing via telephone at (614)545-5361 or via email at mdortch@kravitzllc.com.

Very truly yours,

Michael D. Dortch

The Public Utilities Commission of Ohio TELECOMMUNICATIONS FILING FORM

(Effective: 10-11-2017)

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 any way.

	Granite Telecommunications, LLC for revand approval of an Amended Agreement	view)))	TRF Docket No. Case No. NOTE: Unless you I "Case No" fields BI	- TP - NAG have reserved a Case #, leave the
Name of Registrant(s) Granite Te	elecommunications, LLC			
DBA(s) of Registrant(s)				
Address of Registrant(s) 100 Nev	wport Avenue Extension, Quincy, MA 02	171		
Company Web Address http://ww	ww.granitenet.com/			
Regulatory Contact Person(s) Pau	ıla Foley	Phone 6	17-837-4604	Fax NA
Regulatory Contact Person's Email	Address Paula.Foley@granitenet.com			
Contact Person for Annual Report	Tax Department			Phone 866-847-1500
Address (if different from above)				
Consumer Contact Information	Paula Foley			Phone 617-837-4604
Address (if different from above)	· · · · · · · · · · · · · · · · · · ·			
Motion for protective order include Motion for waiver(s) filed affecting	ed with filing? Yes No No this case? Yes No No Note: Waivers	s may toll	any automatic time	eframe.]
Notes:				

Section I and II are Pursuant to Ohio Administrative Code 4901:1-6.

Section III – Carrier to Carrier is Pursuant to Ohio Adm.Code <u>4901:1-7</u>, and Wireless is Pursuant to Ohio Adm.Code <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 the identified section of Ohio Adm.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, 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(H)</u> (Auto 30 days)	☐ ATA <u>1-6-14(H)</u> (Auto 30 days)	☐ ATA <u>1-6-14(H)</u> (Auto 30 days)
Introduce non-recurring charge, surcharge, or fee to BLES			☐ ATA <u>1-6-14(H)</u> (Auto 30 days)
Introduce or Increase Late Payment	☐ ATA <u>1-6-14(1)</u> (Auto 30 days)	ATA <u>1-6-14(1)</u> (Auto 30 days)	ATA <u>1-6-14(1)</u> (Auto 30 days)
Revisions to BLES Cap	☐ ZTA <u>1-6-14(F)</u> (0 day Notice)		
Introduce BLES or expand local service area (calling area)	□ ZTA 1-6-14(H) (0 day Notice) □ ZTA 1-6-14(H) (0 day Notice)		☐ ZTA <u>1-6-14(H)</u> (0 day Notice)
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 BLES Rates	☐ TRF <u>1-6-14(F)</u> (0 day Notice)	TRF <u>1-6-14(F)(4)</u> (0 day Notice)	☐ TRF <u>1-6-14(G)</u> (0 day Notice)
To obtain BLES pricing flexibility	BLS <u>1-6-14(C)(1)(c)</u> (Auto 30 days)		
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)(0 day)</u>
BLES withdrawal			□ZTA <u>1-6-25(B)</u> (0 day Notice)
Other* (explain)			

Section I – Part II – Customer Notification Offerings Pursuant to Chapter 4901:1-6-7 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 –IOS Offerings Pursuant to Chapter 4901:1-6-22 OAC

IOS	Introduce New	Tariff Change	Price Change	Withdraw
□ IOS				

Section II - Part I - Carrier Certification - Pursuant to Chapter 4901:1-6-08, 09 & 10 OAC

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

^{*}Supplemental Certification forms can be found on the PUCO webpage.

Section II - Part II - Certificate Status & Procedural

Certificate Status	ILEC	CLEC	Telecommunications Service Provider Not Offering Local
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>	ACN <u>1-6-29(B)</u>	CIO <u>1-6-29(C)</u>
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)
Change in Ownership *	ACO <u>1-6-29(E)</u>	ACO <u>1-6-29(E)</u>	☐ CIO <u>1-6-29(C)</u>
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)
Merger *	☐ AMT <u>1-6-29(E)</u>	AMT <u>1-6-29(E)</u>	☐ CIO <u>1-6-29(C)</u>
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)
Transfer a Certificate *	☐ATC <u>1-6-29(B)</u>	☐ ATC <u>1-6-29(B)</u>	CIO <u>1-6-29(C)</u>
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)
Transaction for transfer or lease of property, plant or business *	□ATR <u>1-6-29(B)</u>	☐ ATR <u>1-6-29(B)</u>	☐ CIO <u>1-6-29(C)</u>
	(Auto 30 days)	(Auto 30 days)	(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's webpage for a complete list of exhibits.

Section III - Carrier to Carrier (Pursuant to 4901:1-7), and Wireless (Pursuant to 4901:1-6-24)

Carrier to Carrier	ILEC	CLEC
Interconnection agreement, or amendment to an approved agreement	□ NAG <u>1-7-07</u> (Auto 90 day)	□ NAG <u>1-7-07</u> (Auto 90 day)
Request for Arbitration	□ ARB <u>1-7-09</u> (Non-Auto)	☐ ARB <u>1-7-09</u> (Non-Auto)
Introduce or change c-t-c service tariffs	☐ATA <u>1-7-14</u> (Auto 30 days)	☐ ATA <u>1-7-14</u> (Auto 30 days)
Request rural carrier exemption, rural carrier suspension or modification	UNC <u>1-7-04</u> or 05 (Non-Auto)	
Changes in rates, terms & conditions to Pole Attachment, Conduit Occupancy and Rights-of-Way. (13-579-AU-ORD 11/30/16 Entry)	ATA <u>1-3-04</u> (Auto 60 days)	
Wireless Providers See 4901:1-6-24	☐RCC [Registration & Change in Operations] (0 day)	□ NAG [Interconnection Agreement or Amendment] (Auto 90 days)

Section IV. - Attestation

Registrant hereby attests to its compliance with pertinent entries and orders issued by the Commission.

			<u>DAVIT</u> Commission Rules		
I am an officer/ag Paula Foley	gent of the applicant corporat	ion, Granite	, and am auth	norized to make this state	ment on its behalf.
(Name)					
Please check AL	L that apply:				
imply Commiss contradictory pro	nese tariffs comply with all a ion approval and that the ovisions in our tariff. We will ious penalties, including the	Commission's rules	s, as modified and cla the rules of the State o	arified from time to tin of Ohio and understand t	ne, supersede any
	ustomer notices accompanyin th Ohio Adm.Code 4901:1-6		ere sent to affected custo	omers, as specified in Sec	ction II,
I declare under p	enalty of perjury that the fore	egoing is true and co	rrect.		
Executed on (Date)	3/30/18	at (Location)_10	0 Newport Avenue Exte	ension, Quincy, MA 0217	71
*Signature and Title	Paula Foley Telephone Committee Comm	LLC on legal &		Date 3/30/18	1
*This affidavit is agent of the appl	required for every tariff-affe icant.	ecting filing. It may b	e signed by counsel or a	an officer of the applican	t, or an authorized
***************************************		<u>VERIFI</u>	<u>CATION</u>	••••••	
	nave utilized the Telecommu submitted here, and all additi				
*Signature and Title	Paula Foley Digitally signed by Policy of Paula Foley Regulary Consent Reg	o Cencile LLC; see Legal & transcript Com, c=US		Date 3/30/18	
*Verification is a applicant.	equired for every filing. It m	ay be signed by cour	isel or an officer of the c	applicant, or an authoriz	ed agent of the

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

01

Send your completed Application 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

Signature Page/AT&T-21STATE Page 1 of 2 GRANITE Version: 4Q15 – 10/19/15

AMENDMENT

BETWEEN

ILLINOIS BELL TELEPHONE COMPANY 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, AT&T MISSOURI, AT&T OKLAHOMA AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

AND

GRANITE TELECOMMUNICATIONS, LLC



Signature Page/AT&T-21STATE Page 2 of 2 GRANITE Version: 4Q15 – 10/19/15

Signature: eSigned - Rand Currier

Name: eSigned - Rand Currier

(Print or Type)

Signature: eSigned - William Bockelman

Name: eSigned - William Bockelman

(Print or Type)

Title: COO

(Print or Type)

Title: DIR-INTERCONNECTION AGREEMENTS

(Print or Type)

Date: <u>15 Dec 2017</u> Date: <u>15 Dec 2017</u>

Granite Telecommunications, LLC

Illinois Bell Telephone Company 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, AT&T MISSOURI, AT&T OKLAHOMA and AT&T TEXAS, Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN by AT&T Services, Inc., its authorized agent

Amendment - Extend Term of Local Wholesale Complete Agreement to 2020/AT&T-21STATE PAGE 1 OF 5

Granite Version: 04/24/17

AMENDMENT TO THE LOCAL WHOLESALE COMPLETE COMMERCIAL AGREEMENT BETWEEN AT&T-21STATE AND GRANITE TELECOMMUNICATIONS, LLC

This Amendment (the "Amendment") amends the Local Wholesale Complete Commercial Agreement (LWC) by and between AT&T-21STATE and Granite Telecommunications, LLC ("CARRIER"), hereinafter referred to collectively as the "Parties" and individually as a "Party", and shall apply in the State(s) of Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

WHEREAS, the Parties acknowledge and agree that the provisions set forth in this Agreement are not subject to and/or required by the Communications Act of 1934, as amended ("Act") including, without limitation, Sections 251/252 of the Telecommunications Act of 1996 and any regulation or rule of the FCC or any state commission, and are not subject to negotiation and/or arbitration under Section 252 of the Act unless both Parties otherwise agree in a writing signed by both Parties.

WHEREAS, the Parties desire to extend the term of the Agreement, modify the pricing, and make additional changes as set forth below.

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

- This Amendment is composed of the foregoing recitals, the terms and conditions, contained herein, and Pricing Sheet (Exhibit A) immediately following, all of which are hereby incorporated in this Amendment by this reference and constitute a part of this Amendment.
- 2. Within the existing Agreement, where the expiration of the Term is listed as December 31, 2017, this date shall be amended and restated as December 31, 2020.
- 3. Section 11.15 of the General Terms and Conditions is hereby deleted.
- 4. Section 13.4 of the General Terms and Conditions is hereby amended and restated as follows:
 - 13.4 Service Center Dispute Resolution The following Dispute Resolution procedures will apply with respect to any billing dispute arising out of or relating to the Agreement. Written Notice sent to AT&T-21STATE for Disputed Amounts must be made on the "Billing Claims Dispute Form" located on CLEC Online https://clec.att.com/clec/hb/shell.cfm?section=200&hb=507
- 5. Section 13.4.5 of the General Terms and Conditions is hereby amended and restated as follows:
 - 13.4.5 The Parties shall attempt to resolve Disputed Amounts thirty (30) to sixty (60) calendar days from the date the dispute is received (provided the Disputing Party furnishes all requisite information and evidence under Section 13.4 above). If not resolved within thirty (30) calendar days, upon request, the non-Disputing Party will notify the Disputing Party of the status of the dispute and the expected resolution date.
- 6. Section 3.1.11 of Attachment 2 Local Wholesale Complete is deleted.
- 7. Section 4.1.1 of Attachment 2 Local Wholesale Complete is hereby amended and replaced with the following:
 - 4.1.1 LWC is only available to Residential and Business POTS classes of service.
- 8. Sections 5.5.1, 5.5.2, 5.5.3, 5.5.4 and 5.5.5 of Attachment 2 Local Wholesale Complete are hereby deleted and replaced with the following Sections 5.5.1, 5.5.2, 5.5.3 and 5.5.4:
 - 5.5.1 Notwithstanding that this Agreement may commit AT&T-21STATE to provide LWC to CARRIER for the Term, and subject to any regulatory requirements, AT&T-21STATE may discontinue providing LWC upon at least three

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hundred and sixty five (365) days' notice ("Discontinuance Notice"), but only where AT&T-21STATE generally discontinues providing LWC to similarly-situated customers.

- 5.5.2 AT&T-21STATE may provide a Discontinuance Notice to CARRIER in advance of fulfilling any regulatory requirements and, if so, the timing of such discontinuance shall occur in accordance with the regulatory requirements, but not earlier than as set forth in such notice. CARRIER acknowledges and understands that discontinuance may be tested first and/or implemented on a geographically discrete basis (e.g., by wire center) and/or staged basis (e.g., not flash cut within any geographic area). The date on which LWC shall be discontinued as set forth in a Discontinuance Notice is referred to as a "Discontinuance Date".
- 5.5.3 AT&T-21STATE shall no longer accept orders for new LWC lines or moves of or changes to existing LWC lines beginning ninety (90) days prior to the Discontinuance Date. CARRIER shall be able to disconnect, suspend and restore LWC during this 90 day period.
- 5.5.4 If AT&T-21STATE makes available a comparable wholesale replacement to LWC, the Parties shall engage in good faith discussions to negotiate an agreement for a comparable wholesale replacement to LWC and establish a mutually agreeable migration plan for CARRIER's embedded base of LWCALs to move to the comparable wholesale replacement at least one-hundred eighty (180) days prior to the Discontinuance Date. If AT&T-21STATE does not offer a wholesale replacement, the Parties shall establish a mutually agreeable migration plan for CARRIER's embedded base of LWCALs to move to an alternative provider.
- 9. Sections 6.4 and 6.5 and their subsections of Attachment 2 Local Wholesale Complete are hereby deleted and replaced with the following Sections:
 - 6.4 Subject to CARRIER's total number of monthly in-service LWC Line Volumes in AT&T21-STATE, the monthly recurring Port rates for the following LWCAL classes of service will be discounted in accordance with the following rate and discount schedules. As referenced in this Section 6.4, AT&T 21-STATE, may update the Pricing Schedules in Exhibit A without Carrier's prior consent to reflect rates associated with the LWC Line Volume terms below if Carrier's LWC Line Volumes fall below 400,000 lines.
 - 6.4.1 12-State LWC Business Base Rates and Discounts

LWC Line Volume	12-Sta	te Monthly	y Rates	Discounts				
Pricing Tiers	2018	2018 2019 2020		2018 2019		2020		
500,000+	\$ 26.50	\$ 28.25	\$ 29.75	\$ 11.50	\$ 10.75	\$ 10.25		
499,999 - 450,000	\$ 27.00	\$ 28.50	\$ 29.75	\$ 11.00	\$ 10.50	\$ 10.25		
449,999 - 400,000	\$ 27.50	\$ 29.00	\$ 30.25	\$ 10.50	\$ 10.00	\$ 9.75		
12-State Base Rate	\$ 38.00	\$ 39.00	\$ 40.00					

- 6.4.2 If CARRIER'S LWC Line Volumes in AT&T21-STATE fall below 400,000, the 12-State LWC Business line monthly rate shall increase by \$0.50. For every 50,000 increment in line loss from 400,000 to 50,000 lines, the 12-State LWC Business line monthly rate shall increase incrementally by \$0.50. If AT&T-21STATE LWC lines fall below 50,000 lines, the Base Rate shall apply.
- 6.4.3 12-State LWC Residence Base Rates and Discounts

LWC Line Volume	12-State Monthly Rates				Discounts					
Pricing Tier	2018	2019	2020	2	018	2	2019		2020	
500,000+	\$ 27.50	\$ 28.50	\$ 29.50	\$	4.50	\$	4.50	\$	4.50	
499,999 - 450,000	\$ 27.75	\$ 28.75	\$ 29.75	\$	4.25	\$	4.25	\$	4.25	
449,999 - 400,000	\$ 28.00	\$ 29.00	\$ 30.00	\$	4.00	\$	4.00	\$	4.00	
12-State Base Rate	\$ 32.00	\$ 33.00	\$ 34.00							

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- 6.4.4 If CARRIER'S LWC Line Volumes in AT&T21-STATE fall below 400,000, the 12-State LWC Residence line monthly rate shall increase by \$0.25. For every 50,000 increment in line loss from 400,000 to 50,000 lines, the 12-State LWC Residence line monthly rate shall increase incrementally by \$0.25. If AT&T21-STATE LWC lines fall below 50,000 lines, the Base Rate shall apply.
- 6.4.5 The Pricing Schedule shall display the LWC Base Rates and discounted LWC rates in the preceding tables. Rates for other LWC classes of service and rates for the other components that comprise an LWCAL, including but not limited to the loop, switch-based vertical features, CNAM, LWC usage and Daily Usage Files, are also included in the Pricing Schedule.
- 6.4.6 CARRIER'S LWC Line Volumes shall be defined as the total number of monthly in-service lines in AT&T21-STATE for all LWC classes of service provided in this agreement.
 - 6.4.6.1 Additionally, lines that CARRIER has purchased through AT&T21-STATE's Resale service (pursuant to Carrier's applicable Interconnection Agreement) as a result of LWC not being available because the location is served only through fiber and LWC is restricted in such scenarios ("Resale Replacement Line"), shall be included in the determination of CARRIER's AT&T21-STATE LWC Line Volumes for the purpose of determining which LWC Line Volume Pricing Tier that should apply. This accommodation shall only apply if CARRIER's LWC Line Volumes drop into a lower LWC Line Volume Pricing Tier. If invoked, CARRIER must submit to AT&T21-STATE the number of Resale Replacement Lines that were ordered in lieu of LWC and include telephone number, service address, service establishment date and any other information reasonably requested by AT&T21-STATE. AT&T21-STATE shall validate the Resale Replacement Lines for eligibility and do so in a commercially reasonable timely manner. LWC rates will not be modified until the review is complete. Once concluded, LWC rate changes, if applicable, will be applied retroactively and in accordance with Section 6.4.7.
 - 6.4.6.2 In the event AT&T-21STATE discontinues offering LWC for a reason other than the location is only served by fiber in a specific geographic region and that AT&T-21STATE decision impacts current active CARRIER LWC lines within that specific geographic region thereby reducing CARRIER's LWC Line Volumes, AT&T will reduce the current LWC Line Volume Pricing Tiers outlined in this Agreement by the number of current active CARRIER LWC lines impacted. By way of example and not limitation, if AT&T-21STATE were to discontinue LWC in a specific geographic region, requiring CARRIER to migrate 5,000 current active CARRIER LWC lines to an alternative product or service offering, AT&T-21STATE will reduce the current LWC Line Volume Pricing Tiers outlined in this Agreement by 5,000 LWC lines.
- 6.4.7 To qualify for discounted pricing within LWC Line Volume Pricing Tiers, CARRIER must achieve and maintain the LWC Line Volumes as listed in the preceding rate and discount schedules. The first measurement period for LWC Line Volumes shall be December 31, 2017. Afterward, movement between LWC Line Volume Pricing Tiers shall occur upon three (3) consecutive months of line volumes within a new tier. If a new LWC Volume Pricing Tier is attained after such three (3) months, the LWC monthly rate shall be modified to the corresponding tier's rate and apply retroactively to the initial month or the beginning of the three (3) month period. Depending on CARRIER's bill period and AT&T billing system processes, the rate change may not be applied on CARRIER's bill until the fourth or fifth month, but the rates and charges will be applied retroactively to the first month the new tier was achieved.
- 6.4.8 If CARRIER merges with, acquires, or purchases all of the stock or substantially all of the stock or assets of another company or companies, this Agreement will remain in force. If CARRIER merges with or acquires

another entity, the line counts from the other carrier will only contribute to the calculation of the LWC Line

6.4.8.1 If the buyer wants to continue and market under the seller's name:

Volumes if the following conditions are met.

- 6.4.8.1.1 All assets of the merged or acquired entity were purchased or transferred to the buyer.
- 6.4.8.1.2 The merged or acquired entity or seller can continue to exist, most likely as a brand name, but must be an affiliate and/or under the same corporate parent as the acquirer.
- 6.4.8.1.3 Registration of the company codes (e.g. ACNAs, OCNs, etc.) of the merged or acquired company are amended with the appropriate issuing authorities to show as being owned by the acquirer.
- 6.4.8.1.4 The merged or acquired entity or seller must have terminated any existing LWC agreement and move under the acquirer's LWC agreement via amendment.
- 6.4.8.2 If the buyer does not want to continue to market under the seller's name:
 - 6.4.8.2.1 The buyer should transition the LWC lines to the buyer's billing account numbers ("BANs") via service requests and applicable nonrecurring charges shall apply.
 - 6.4.8.2.2 The seller's agreements including any LWC agreement shall be terminated.
 - 6.4.8.2.3 The buyer cannot count any of the LWC lines and revenue towards commitments until the LWC lines and revenue are transitioned to the buyer's current LWC BANS.
- 6.4.8.3 If the transaction is a partial assets transfer (i.e. not all assets were purchased and the seller will remain as a separate telecommunications entity):
 - 6.4.8.3.1 The buyer must issue service requests to migrate the LWC lines to the buyer's LWC BANs.
- 6.5 Intentionally Left Blank
- 10. Section 14.0 Annual Spend Commitment of Attachment 2 Local Wholesale Complete is hereby deleted and replaced with the following:
 - 14.0 Intentionally Left Blank
- 11. Section 1.3 of Attachment 11 Operator Services and Directory Assistance (OS/DA) is hereby amended and restated as follows:
 - 1.3 CARRIER'S LWC End Users shall have the same ability to reach AT&T-21STATE OS and DA platforms as AT&T-21STATE retail End Users served via the same AT&T-21STATE end office switch providing the LWCAL from which the OS/DA call originates, including the following where technically feasible and available:
 - (a) Dialing "0" or "0+NPA-NXX-xxxx" and obtaining Operator Services, such as Operator-assisted dialing.
 - (b) Dialing "411" or "555-1212" and reaching Directory Assistance for purposes such as
 - (i) Retrieving a Published Telephone Number
 - (ii) DA Call Completion to a Retrieved Telephone Number
 - (iii) National Directory Assistance
 - (iv) Reverse Directory Assistance
 - (v) Business Category Search
- 12. Section 1.4 of Attachment 11 Operator Services and Directory Assistance (OS/DA) is hereby amended and restated as follows:

Amendment - Extend Term of Local Wholesale Complete Agreement to 2020/AT&T-21STATE PAGE 5 OF 5

Granite

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- 1.4 CARRIER'S LWC End User OS/DA calls shall be answered by AT&T-21STATE OS and DA platforms with the same priority as AT&T-21STATE retail End Users served via the same AT&T-21STATE end office switch providing the LWCAL from which the OS/DA call originates. Any technical difficulties in reaching the AT&T-21STATE OS/DA platform (e.g., cable cuts in the OS/DA trunks, unusual OS/DA call volumes, etc.) will be experienced at parity with AT&T-21STATE retail End Users served via that same AT&T-21STATE end office switch.
- 13. Section 2.2.1 of Attachment 11 Operator Services and Directory Assistance (OS/DA) is hereby amended and restated as follows:
 - 2.2.1 Operator Assistance. The individual originating a 0+ or 0- call from a LWCAL asks the operator to provide local and intraLATA dialing assistance for the purposes of completing calls, requesting information on how to place calls, or handling emergency calls.
- 14. Sections 2.2.2, 2.2.3, 2.2.4, 2.2.5 and 2.2.6 of Attachment 11 Operator Services and Directory Assistance (OS/DA) are hereby deleted.
- 15. All references to LWC Coin or an LWC Coin class of service are hereby deleted from the Agreement.
- 16. The Parties hereby amend the Agreement's Pricing Schedule as set forth in Exhibit A to include revised LWC rates, remove LWC Coin services and rates, remove certain OS/DA services and rates and remove the Paper Bill Charge.
- 17. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
- 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.
- 19. AT&T-21STATE will file a copy of the fully executed Amendment with the FCC under 47 U.S.C. § 211.
- 20. The effective date of this Amendment shall be January 1, 2018.

PRICING SHEETS EXHIBIT A Local Wholesale Complete (LWC) Base Rates

			Local Wholesale Comp						
Attachment	State	Product	Rate Element Description	COS (Class of Service) USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business						
LWC	AR	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)	USRBX		\$38.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business						
LWC	AR	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)	U5RBX		\$39.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business						
LWC	AR	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)	USRBX		\$40.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence						
LWC	AR	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)	USRRX		\$32.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence						
LWC	AR	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)	USRRX		\$33.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence						
LWC	AR	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)	USRRX		\$34.00	\$0.00		per line
LWC	AR	OPTIONAL SERVICES	Privacy Manager per Port-Business	UKLBX		\$3.50	\$0.00		per port
LWC	AR	OPTIONAL SERVICES	Privacy Manager per Port-Residence	UKLRX		\$3.50	\$0.00		per port
LWC	AR	LWC USAGE	Originating	ZZUWC		\$0.001500	NA		MOU
LWC	AR	LWC USAGE	Terminating	ZZUWC		\$0.001500	NA		MOU
LWC	AR	OPTIONAL EAS FUNCTIONALITY	Line Class Code - One-way Optional Extended Area	OLKOX		\$3.00	\$0.00		per line
LWC	AR	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order	NRFWB		NA	\$7.50		per order
LWC	AR	SERVICE ORDER CHARGES	Manual Service Order Charge			NA	\$50.00		per LSR
LWC	AR	OTHER CHARGES	Service Order Expedite Request - per incident			NA	200.00		per incident
LWC	AR	OTHER CHARGES	Bill Inquiry (per claim)			NA	· ·		per claim
LWC	AR	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)			NA	\$25.00		per incident
LWC	AR	OTHER CHARGES	Duplicate CABS Bill Charge			NA	\$25.00		per incident
LWC	AR	OTHER CHARGES	Flat Rate False Dispatch Charge			NA	\$75.00		per incident
LWC	AR	OTHER CHARGES	False Tech Dispatch			NA	\$75.00		per incident
LWC	AR	ALTERNATELY BILLED TRAFFIC	Accounts Receivable Discount Off Retail Tariff	280		30.00%	NA		
LWC	AR	ALTERNATELY BILLED TRAFFIC	Billing & Collect Credit per message	280		\$0.00	NA		per message
LWC	AR	DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1	ZZUO3		\$0.37	NA		per call
LWC	AR	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call	ZZUO7		\$0.15	NA		per call
LWC	AR	DIRECTORY ASSISTANCE	National DA (NDA) per call	ZZUO5		\$0.37	NA		per call
LWC	AR	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call	ZZUOB		\$0.37	NA		per call
LWC	AR	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)	ZZUO8		\$0.37	NA		per call
LWC	AR	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service			\$2.00	NA .		per call
LWC	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding Initial/Subsequent Load	NRBDG		NA	\$1,800.00	\$1,800.00	per load
LWC	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding per Call	ZZUCB		\$0.025000	NA		per call
LWC	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance -Rate Reference-Initial Load	NRBDL		NA	\$2,200.00		per load
LWC	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load	NRBDM		NA	\$1,000.00	NA	per load
			Non-List, No-Pub, Foreign, enhanced, additional, alternate or						
LWC	AR	DIRECTORY LISTINGS	other special listing type						
			Operated Services-Fully Automated Call Processing (Per						
LWC	AR	OPERATOR CALL PROCESSING	Completed automated call)	ZZUO1		\$0.15	NA	NA	per completed call
			Operator Services-Operator Assisted Call Processing (per work						
LWC	AR	OPERATOR CALL PROCESSING	second)	ZZUO2		\$0.020000	NA	NA	per work second

NRBDG

ZZUCB

NRBDL

NA

NA

\$0.025000

\$1,800.00

\$0.00

\$2,200.00

\$1,800.00

NA

NA

per load

per call

per load

Operator Services - Facilities Based Branding Initial/Subsequent

Operator Services - Facilities Based Branding - Per Call (Line # based. When unbundled switching is used or when more than

LWC

LWC

LWC

BRANDING - OPERATOR CALL PROCESSING Load

BRANDING - OPERATOR CALL PROCESSING one brand required on same trunk group)

BRANDING - OPERATOR CALL PROCESSING Operator Services - Facilities Based Rate Reference -Initial Load

PRICING SHEETS EXHIBIT A

									Non-Recurring Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC)	First	Additional	Per Unit
			Operator Services - Facilities Based Rate Reference - Subsequent							
LWC	AR	BRANDING - OPERATOR CALL PROCESSING	Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

Local Wholesale Complete (LWC) Base Rates

						1	I	T	1	
Attachment	State	Product	Rate Element Description COS (Cla	ss of Service)	usoc	Zone	Monthly Recurring Charge (MRC)	Charge (NRC)	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	CA	LWCALRate	Residential (Effective 1/1/2018 - 12/31/2018)				32.00			
LWC	CA	LWCALRate	Residential (Effective 1/1/2019 - 12/31/2019)				33.00			
LWC	CA	LWCALRate	Residential (Effective 1/1/2020 - 12/31/2020)				34.00			
LWC	CA	LWCALRate	Business (Effective 1/1/2018 - 12/31/2018)				38.00			
LWC	CA	LWCALRate	Business (Effective 1/1/2019 - 12/31/2019)				39.00			
LWC	CA	LWCALRate	Business (Effective 1/1/2019 - 12/31/2019) Business (Effective 1/1/2020 - 12/31/2020)				40.00			
LWC	CA	LWC USAGE	Residential				0.0015			per LWCAL, calculated per end office per billing period
LWC	CA	EWCOSAGE	nesidential				0.0013			per LWCAL, calculated per end office per billing
LWC	CA	LWC USAGE	Business				0.0015			period
LWC	CA	OPTIONAL SERVICES	Privacy Manager® - Residential				3.50			Line
LWC	CA	OPTIONAL SERVICES OPTIONAL SERVICES	Privacy Manager® - Residential Privacy Manager® - Business				3.50			Line
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance per call - Residential				0.37		NA	
LWC	CA	DIRECTORY ASSISTANCE DIRECTORY ASSISTANCE	Directory Assistance per call - Residential Directory Assistance per call - Business				0.37		NA NA	
			National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per							
LWC	CA	DIRECTORY ASSISTANCE	call - Residential National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per				0.37	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	call - Business Directory Assistance Call Completion (DACC) - per call -				0.37	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Residential				0.15	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call - Business				0.15	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Residential				2.00	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Business				2.00	NA	NA	Call
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Residential				NA	1800.00	1800.00	OS Switch
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Business				NA	1800.00	1800.00	OS Switch
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Residential				0.025	NA	NA	Call
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Business Directory Assistance - Rate Reference Initial Load per				0.025	NA	NA	Call
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	state/In-Region – Local and IntraLATA rates - Residential				NA	2200.00	NA	State/In-Region
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state/In-Region – Local and IntraLATA rates - Business Directory Assistance - Rate Reference Subsequent Load				NA	2200.00	NA	State/In-Region
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	per state/In-Region – Local and IntraLATA rates - Residential				NA	NA	1000.00	State/In-Region
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PRICING SHEETS EXHIBIT A Local Wholesale Complete (LWC) Base Rates

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First		Per Unit
			Directory Assistance - Rate Reference Subsequent Load							
			per state/In-Region – Local and IntraLATA rates -							
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Business				NA	NA	1000.00	State/In-Region
			Non-List, Non-Pub, Foreign, enhanced, additional,							
LWC	CA	DIRECTORY LISITINGS	alternate or other special listing types - Residential							
LWC	CA	DIRECTORY LISITINGS	Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other special listing types - Business							
			Operated Services - Fully Automated Call Processing							Completed
LWC	CA	OPERATOR CALL PROCESSING	(Per completed automated call) - Residential				0.15	NA	NA	automated call
		00504700 0444 0000555440	Operated Services - Fully Automated Call Processing				0.45			Completed
LWC	CA	OPERATOR CALL PROCESSING	(Per completed automated call) - Business				0.15	NA	NA	automated call
LWC	C 4	ODEDATOR CALL PROCESSIAIC	Operator Services - Operator Assisted Call Processing				0.02	NI A	N/A	Moult cocond
LVVC	CA	OPERATOR CALL PROCESSING	(Per work second) - Residential				0.02	NA	NA	Work second
LWC	CA	OPERATOR CALL PROCESSING	Operator Services - Operator Assisted Call Processing				0.02	NA	NA	Work second
LVVC	CA	OPERATOR CALL PROCESSING	(Per work second) - Business Operator Services - Branding Initial/Subsequent Load				0.02	INA	INA	work second
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	per OS Switch - Residential				NA	1800.00	1800.00	OS Switch
LVVC	CA	BRANDING - OF ERATOR CALL PROCESSING	Operator Services - Branding Initial/Subsequent Load				IVA	1800.00	1800.00	O3 SWITCH
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	1 .				NA	1800.00	1800.00	OS Switch
20	G/ t		per ou surrent pasiness					1000.00	1000.00	oo ownton
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Residential				0.025	NA	NA	Call
			, ,							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Business				0.025	NA	NA	Call
			Operator Services - Rate Reference - Initial Load per							
			state/In-Region – Local and IntraLATA rates -							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	Residential				NA	2200.00	NA	State/In-Region
			Operator Services - Rate Reference - Initial Load per							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	state/In-Region – Local and IntraLATA rates - Business				NA	2200.00	NA	State/In-Region
			Operator Services - Rate Reference - Subsequent Load							
			per state/In-Region – Local and IntraLATA rates -							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING					NA	NA	1000.00	State/In-Region
			Operator Services - Rate Reference - Subsequent Load							
1346	64	DRANDING OPERATOR CALL PROCESSING	per state/In-Region – Local and IntraLATA rates -						1000.00	Chata (In Dani)
LWC	CA	BRANDING - OPERATOR CALL PROCESSING					NA	NA 7.50	1000.00	State/In-Region
LWC	CA CA	SERVICE ORDER CHARGES SERVICE ORDER CHARGES	Electronic Service Order					7.50 50.00		LSR LSR
LWC	CA	OTHER CHARGES	Manual Service Order Service Order Expedite Request - per incident					200.00		Incident
LWC	CA	OTHER CHARGES OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)					200.00	25.00	Incident
LWC	CA	OTHER CHARGES OTHER CHARGES	Duplicate Bill						25.00	Incident
LWC	CA	OTHER CHARGES OTHER CHARGES	False Technician Dispatch (CLEC Fault)						75.00	Incident
LWC	CA	OTHER CHARGES OTHER CHARGES	Non-EFT payment or credit						25.00	Incident
20	5, 1		ABT Billing and Collection, per message fee -						25.00	
LWC	CA	ALTERNATELY BILLED TRAFFIC	Residential				0.05			Message
=:0	<i></i> .						2.03			
LWC	CA	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee - Business				0.05			Message
		•								~

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring I Charge (NRC) First		Per Unit
LWC	IL	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$3.65	5 \$ 713.33		per record
LWC	IL	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$0.05	5		per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							
LWC	IL	DIRECTORY LISTINGS	special listing types							
LWC	IL	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37		\$0.00	per call
LWC	IL	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;							
LWC	IL	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37		\$0.00	per call
LWC	IL	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00	D		per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							
LWC		DIRECTORY ASSISTANCE	OS switch				\$0.00		1,800.00	per switch
LWC	IL	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding-per call	WSK,WSQ			\$0.025			per call
LWC		BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Initial Load				\$0.00			per load
LWC	IL	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	\$0.00	\$1,000.00	per load
			Operated Services-Fully Automated Call Processing (Per completed							
LWC	IL	OPERATOR SERVICES	automated call)	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
		00504700 650 4656	Operator Services-Operator Assisted Call Processing (Per work	11/6// 11/60			40.00	40.00		
LWC	IL	OPERATOR SERVICES	second)	WSK,WSQ			\$0.02	2 \$0.00	\$0.00	per work second
		2244244					40.00	44 000 00	44 000 00	
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.00	\$1,800.00	\$1,800.00	per switch
LWC		BRANDING - OPERATOR CALL PROCESSING	Operator Convices Branding Per call	WSK,WSQ			\$0.025			nor call
LVVC	IL	BRAINDING - OPERATOR CALL PROCESSING	Operator Services-Branding Per Cali	wsk,wsq			\$0.023	9		per call
LWC	IL	BRANDING OPERATOR CALL PROCESSING	Operator Services-Rate Reference-Initial Load				\$0.00	\$2,200.00		per load
LVVC	IL.	BRANDING - OF ERATOR CALL PROCESSING	Operator Services-Nate Nererence-Illitial Load				Ş0.0C	32,200.00		per loau
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00	\$1,000.00	per load
LVVC	- 12	BRANDING - OF ERATOR CALL TROCESSING	operator services hate hererence subsequent Load				\$0.00	50.00	\$1,000.00	perioau
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	IL	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$38.00) NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	IL	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$39.00) NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	IL	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$40.00	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	IL	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$32.00) NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	IL	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$33.00) NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	IL	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	USRRX		\$34.00		NA	per line
LWC		SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		NA to or		\$0.00	per LSR
LWC		SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		\$0.00		\$0.00	per LSR
LWC		LWC USAGE	Originating Tagginating	WSK,WSQ	ZZUWC		\$0.0015		NA NA	MOU
LWC		LWC USAGE	Terminating Convice Order Expedite Request, per incident	WSK,WSQ	ZZUWC		\$0.0015		NA \$0.00	MOU
LWC	IL IL	OTHER CHARGES OTHER CHARGES	Service Order Expedite Request - per incident	/WCK /WCO	VRP			200.00 \$75.00	\$0.00 \$0.00	per incident
LWC	IL	OTHER CHARGES OTHER CHARGES	False Tech Dispatch (CLEC Fault) Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ WSK,WSQ	BCZ1W		\$0.00		\$0.00	per incident per incident
LWC	IL	OTHER CHARGES OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ WSK,WSQ	N3RVV		\$0.00		\$0.00	per incident per incident
LWC	IL	OTHER CHARGES OTHER CHARGES	Duplicate CABS Bill charge	WSK,WSQ	OBMDW		\$0.00		\$0.00	per incluent
LWC		OPTIONAL SERVICES	Privacy Manager	WSK,WSQ WSK,WSQ	WHO		\$3.50		\$0.00 NA	per line
LVVC	1 12	OT TIOTALE SERVICES	i iiracy irianagei	νν σι ς, νν σ α	WITO	1	اد.در	INA	IVA	per inte

			Eocal Wholesale Complete (E							
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring N Charge (NRC)	-	Per Unit
LWC		E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 3.55			per record
LWC		ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.05			per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other				7 0.00			par massage
LWC	IN	DIRECTORY LISTINGS	special listing types							
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;							,
LWC	IN	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00			per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							
LWC	IN	DIRECTORY ASSISTANCE	OS switch				\$0.00	1,800.00	1,800.00	per switch
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance-Branding-per call	WSK,WSQ			\$0.025			per call
LWC		DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Initial Load				\$0.00			per load
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
			Operated Services-Fully Automated Call Processing (Per completed							
LWC	IN	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.15	\$0.00	\$0.00	per call
			Operator Services-Operator Assisted Call Processing (Per work							
LWC	IN	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	\$0.00	\$0.00	per work second
LWC		OPERATOR SERVICES	Operator Services-Branding Initial/Subsequent Load per OS Switch	MCKAMCO			\$0.00		1,800.00	per switch
LWC		OPERATOR SERVICES	Operator Services-Branding Per call	WSK,WSQ			\$0.025			per call
LWC		OPERATOR SERVICES	Operator Services-Rate Reference-Initial Load				\$0.00	, ,	ć 4.000.00	per load
LVVC	IN	OPERATOR SERVICES	Operator Services-Rate Reference-Subsequent Load Wholesale Complete-measured Line-Port with Loop-Business				\$0.00	\$0.00	\$ 1,000.00	per load
LWC	IN	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$38.00	NA	NA	per line
LVVC	IIN	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Business	WSK	USKBA		\$36.00	INA	INA	per inte
LWC	IN	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$39.00	NA	NA	per line
LVVC	IIN	EWCALIATE	Wholesale Complete-measured Line-Port with Loop-Business	WJK	OSKBA		\$39.00	INA	INA	per inte
LWC	IN	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	USRBX		\$40.00	NA	NA	per line
20		2110.1210.112	Wholesale Complete-measured Line-Port with Loop-Residence		Contant		ψ 10.00	1.0.		per inte
LWC	IN	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$32.00	NA	NA	per line
-11.2			Wholesale Complete-measured Line-Port with Loop-Residence				700.00			p or mine
LWC	IN	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$33.00	NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	IN	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$34.00	NA	NA	per line
LWC	IN	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		NA	\$7.50	\$0.00	per LSR
LWC	IN	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		\$0.00	\$50.00	\$0.00	per LSR
LWC		LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015		NA	MOU
LWC		LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.0015		NA	
LWC		OTHER CHARGES	Service Order Expedite Request - per incident					200.00	\$0.00	
LWC		OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP			\$75.00	\$0.00	
LWC		OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W		\$0.00		\$0.00	
LWC		OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV	1	\$0.00		\$0.00	
LWC		OTHER CHARGES	Duplicate CABS Bill charge	WSK,WSQ	OBMDW		\$0.00		\$0.00	
LWC	IN	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50	NA	NA	per line

PRICING SHEETS EXHIBIT A Local Wholesale Complete (LWC) Base Rates

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC Z	Monthly Recurring one Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
LWC	KS	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)		U5RBX	\$38.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 -			,	,	,	r
LWC	KS	LWCALRATE	12/31/2019)		U5RBX	\$39.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 -						
LWC	KS	LWCALRATE	12/31/2020)		U5RBX	\$40.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 -						
LWC	KS	LWCALRATE	12/31/2018)		U5RRX	\$32.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 -			400.00		40.00	
LWC	KS	LWCALRATE	12/31/2019)		U5RRX	\$33.00	\$0.00	\$0.00	per line
LVVC	VC.	LVA/CALDATE	Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 -		LIEDDY	¢34.0	¢0.00	ć0.00	!:
LWC	KS	LWCALRATE OPTIONAL SERVICES	12/31/2020)		U5RRX UKLBX	\$34.00 \$3.50			per line
LWC	KS KS	OPTIONAL SERVICES OPTIONAL SERVICES	Privacy Manager per Port-Business Privacy Manager per Port-Residence		UKLRX	\$3.50			per port per port
LWC	KS	LWC USAGE	Originating		ZZUWC	\$0.001500			MOU
LWC	KS	LWC USAGE	Terminating		ZZUWC	\$0.00150			MOU
LWC	KS	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB	30.001300 NA			IVIOO
LWC	KS	SERVICE ORDER CHARGES	Manual Service Order Charge		INITI VVD	N/		·	per LSR
LWC	KS	OTHER CHARGES	Service Order Expedite Request - per incident			10	200.00	·	per claim
LWC	KS	OTHER CHARGES	Bill Inquiry (per claim)			N/		·	per claim
LWC	KS	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)			N/			per incident
LWC	KS	OTHER CHARGES	Duplicate CABS Bill Charge			N/	· · ·	·	per incident
LWC	KS	OTHER CHARGES	Flat Rate False Dispatch Charge			N/	\$75.00	\$0.00	per incident
LWC	KS	OTHER CHARGES	False Tech Dispatch			N/	\$75.00	\$0.00	per incident
LWC	KS	ALTERNATELY BILLED TRAFFIC (ABT)	Accounts Receivable Discount Off Retail Tariff		280	30.00%	NA NA	NA	
LWC	KS	ALTERNATELY BILLED TRAFFIC (ABT)	Billing & Collect Credit per message		280	\$0.00	NA NA	NA	per message
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3	\$0.3	' NA	NA	per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7	\$0.1			per call
LWC	KS	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5	\$0.3			per call
LWC	KS	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB	\$0.3			per call
LWC	KS	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		ZZUO8	\$0.3			per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service			\$2.00			per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance-Branding Initial/Subsequent Load		NRBDG	N/	, ,	. ,	per load
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance-Branding per Call		ZZUCB	\$0.025000			per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance -Rate Reference-Initial Load		NRBDL	N/	. ,		per load
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load		NRBDM	N/	\$1,000.00	NA	per load
LWC	KS	DIRECTORY LISTINGS	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type						
LVAC	NC.	ODERATOR SERVICES	Operated Comises Fully Asternated Call Diseaseing / Day Completed and activities 110		771101	60.41			
LWC	KS KS	OPERATOR SERVICES OPERATOR SERVICES	Operated Services-Fully Automated Call Processing (Per Completed automated call)		ZZUO1 ZZUO2	\$0.020000			per completed call per work second
LWC	KS	OPERATOR SERVICES OPERATOR SERVICES	Operator Services-Operator Assisted Call Processing (per work second) Operator Services - Facilities Based Branding Initial/Subsequent Load		NRBDG	\$0.020000 NA			per work second per load
LVVC	K3	OF ENATOR SERVICES			DOGNN	IN A	\$1,000.00	\$1,000.00	per ioau
			Operator Services - Facilities Based Branding - Per Call (Line # based. When unbundled	1					
LWC	KS	OPERATOR SERVICES	switching is used or when more than one brand required on same trunk group)		ZZUCB	\$0.025000			per call
LWC	KS	OPERATOR SERVICES	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL	N/	\$2,200.00	NA	per load
LWC	KS	OPERATOR SERVICES	Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load		NRBDM	N.A	\$1,000.00	NA	per load

System Version: 03/24/2017

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244-24 -2-2-4	State	Dradust	Date Flore est Description	cor (class of carrier)	USOC	7000	Monthly Recurring	Non-Recurring No Charge (NRC)	•	
Attachment LWC	State MI	Product E911	Rate Element Description 911 Database Management ANI/ALI/SR Per 100 Records	COS (Class of Service) OE9XX	9S89X	Zone	\$ 3.93		Additional	Per Unit
LWC	MI	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee	OESAA	93097		\$ 0.05			per record
LVVC	IVII	ALTERNATELY BILLED TRAFFIC	Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other				\$ 0.05			per message
LWC	MI	DIRECTORY LISTINGS	special listing types							
LWC		DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	Ś0.00	\$0.00	per call
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ WSK,WSQ			\$0.15	· · ·	\$0.00	•
LVVC	1411	DIRECTORY ASSISTANCE	National DA (NDA) per call; Business Search Category (BCS) per call;	***Six,***SQ			Ç0.13	70.00	70.00	per cuii
LWC	MI	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00			per call
-			Directory Assistance-Branding - Other - Initial/Subsequent Load per							P
LWC	MI	DIRECTORY ASSISTANCE	OS switch				\$0.00	1,800.00	1,800.00	per switch
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance-Branding-per call	WSK,WSQ			\$0.025			per call
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Initial Load				\$0.00	\$ 2,200.00		per load
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	\$0.00 \$	1,000.00	per load
			Operated Services-Fully Automated Call Processing (Per completed							
LWC	MI	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.15	\$0.00	\$0.00	per call
			Operator Services-Operator Assisted Call Processing (Per work							
LWC	MI	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	\$0.00	\$0.00	per work second
LWC		OPERATOR SERVICES	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.00		1,800.00	per switch
LWC		OPERATOR SERVICES	Operator Services-Branding Per call	WSK,WSQ			\$0.025			per call
LWC		OPERATOR SERVICES	Operator Services-Rate Reference-Initial Load					\$ 2,200.00	4 000 00	per load
LWC	MI	OPERATOR SERVICES	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00 \$	1,000.00	per load
LWC	МІ	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$38.00	NA NA	NA	per line
LVVC	IVII	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Business	VVSK	USKBX		\$38.00) NA	NA	per line
LWC	MI	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$39.00	NA NA	NA	per line
LVVC	IVII	EWCALIATE	Wholesale Complete-measured Line-Port with Loop-Business	WJK	OSKBA		\$35.00	NA NA	IVA	per iiile
LWC	MI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	USRBX		\$40.00	NA NA	NA	per line
2110	1411		Wholesale Complete-measured Line-Port with Loop-Residence	WOIN	OSINDA		Ş-0.00	140	NA.	per inic
LWC	MI	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	USRRX		\$32.00	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence				702.00			P =
LWC	MI	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$33.00	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	MI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$34.00	NA NA	NA	per line
LWC	MI	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		NA	\$7.50	\$0.00	per LSR
LWC	MI	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		\$0.00	\$50.00	\$0.00	per LSR
LWC	MI	LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015	NA NA	NA	MOU
LWC		LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.0015		NA	
LWC		OTHER CHARGES	Service Order Expedite Request - per incident					200.00	\$0.00	
LWC		OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W		\$0.00		\$0.00	
LWC		OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV		\$0.00	· · · · · · · · · · · · · · · · · · ·	\$0.00	
LWC		OTHER CHARGES	Duplicate CABS Bill charge	WSK,WSQ	OBMDW		\$0.00	· · · · · ·	\$0.00	
LWC	MI	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50	NA NA	NA	per line

							Monthly Recurring	Non-Recurring Charge (NRC)	_	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone	Charge (MRC)	First	Additional	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	MO	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RBX		\$38.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	MO	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RBX		\$39.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	MO	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RBX		\$40.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence				400.00		4	
LWC	МО	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RRX		\$32.00	\$0.00	\$0.00	per line
LVA/C	N40	LIMCALDATE	Wholesale Complete-measured Line-Port with Loop-Residence		LIEDDY		¢22.00	¢0.00	¢0.00	nou line
LWC	МО	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RRX		\$33.00	\$0.00	\$0.00	per line
LWC	МО	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)		U5RRX		\$34.00	\$0.00	\$0.00	per line
LWC	MO	OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX		\$3.50	ŞU.00	ŞU.UU	per port
LWC	MO		Privacy Manager per Port-Business Privacy Manager per Port-Residence		UKLRX		\$3.50			per port
LWC	MO		Originating		ZZUWC		\$0.001500			MOU
LWC	МО		Terminating		ZZUWC		\$0.001500			MOU
LWC	МО		Electronic Service Order		NRFWB		NA NA		\$0.00	per LSR
LWC	MO	SERVICE ORDER CHARGES	Manual Service Order Charge				NA	\$50.00	\$0.00	per LSR
LWC	MO	OTHER CHARGES	Service Order Expedite Request - per incident					200.00	\$0.00	per incident
LWC	MO	OTHER CHARGES	Bill Inquiry/Dispute (charges sustanined)				NA	\$25.00	\$0.00	per incident
LWC	MO		Non-EFT payment or credit				NA			per incident
LWC	MO		Duplicate Bill				NA			per incident
LWC	MO		Flat Rate False Dispatch Charge				NA			per incident
LWC	MO		False Technician Dispatch				NA			per incident
LWC	MO		Accounts Receivable Discount Off Retail Tariff		280		30.00%		NA	
LWC	MO		ABT Billing and Collection, per message fee		280		\$0.00			per message
LWC	MO MO		Directory Assistance (DA) blended Rate for 1 Directory Assistance Call Completeion (DACC) per call		ZZUO3 ZZUO7		\$0.37 \$0.15			per call
LWC	MO		National DA (NDA) per call		ZZU05		\$0.13			per call per call
LWC	MO		Business Search Category (BCS) per call		ZZUOB		\$0.37			per call
LWC	MO		Reverse Directory Assistance (RDA)		ZZUO8		\$0.37	NA NA		per call
LWC	MO		Directory Assistance Non-Pub Emergency Service		22000		\$2.00			per call
LWC	МО		Directory Assistance - Branding Initial/Subsequent Load		NRBDG		NA NA			per load
LWC	МО		Directory Assistance - Branding per Call		ZZUCB		\$0.025000	NA		per call
			Directory Assistance - Rate Reference Initial Load per AT&T state/In-							
LWC	MO	BRANDING - DIRECTORY ASSISTANCE	Region - Local and IntraLATA rates		NRBDL		NA	\$2,200.00	NA	per load
	-		Directory Assistance - Rate Reference Subsequent Load per AT&T							
LWC	MO	BRANDING - DIRECTORY ASSISTANCE	state/In-Region - Local and IntraLATA rates		NRBDM		NA	NA	\$1,000.00	per load
			Non-List, No-Pub, Foreign, enhanced, additional, alternate or other							
LWC	MO	DIRECTORY LISTINGS	special listing type							
			Operated Services-Fully Automated Call Processing (Per Completed				40.0			
LWC	МО	OPERATOR CALL PROCESSING	automated call)		ZZUO1		\$0.15	NA	NA	per completed call
11116		ODEDATOR CALL PROCESSING	Operator Services-Operator Assisted Call Processing (per work		771102		60.026666			
LWC	МО	OPERATOR CALL PROCESSING	second)		ZZUO2		\$0.020000	NA	NA	per work second
LWC	МО	OPERATOR SERVICES	Operator Services - Facilities Based Branding Initial/Subsequent Load		NRBDG		NA	\$1,800.00	\$1,800.00	per load
LVVC	IVIU	OI LIMION SERVICES	operator services - racinties based branding mittal/subsequent todd		מתפטונו		NA.	φ±,ουυ.00	71,000.00	per roau
LWC	МО	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call		ZZUCB		\$0.025000	NA	NA	per call
LVVC	IVIO	DIVINO - OF ENATOR CALL PROCESSING	Operator Services - Branding Fer Can Operator Services - Rate Reference - Initial Load per AT&T state/In-		22000		Ç0.023000	IVA	IVA	per can
LWC	МО	BRANDING - OPERATOR CALL PROCESSING			NRBDL		NA	\$2,200.00	NA	per load
		5 21 21 21 21 22 11 10 02 23 11 10	Operator Services - Rate Reference - Subsequent Load per AT&T					7-,-:3:00		F
LWC	МО	BRANDING - OPERATOR CALL PROCESSING	· · · · · · · · · · · · · · · · · · ·		NRBDM		NA	\$1,000.00	NA	per load

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Zone Charge (MRC)	Charge (NRC)	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	NV	LWCALRate	Residential (Effective 1/1/2018 - 12/31/2018)			32.00)		
LWC	NV	LWCALRate	Residential (Effective 1/1/2019 - 12/31/2019)			33.00)		
LWC	NV	LWCALRate	Residential (Effective 1/1/2020 - 12/31/2020)			34.00)		
LWC	NV	LWCALRate	Business (Effective 1/1/2018 - 12/31/2018)			38.00)		
LWC	NV	LWCALRate	Business (Effective 1/1/2019 - 12/31/2019)			39.00)		
LWC	NV	LWCALRate	Business (Effective 1/1/2020 - 12/31/2020)			40.00)		
LWC	NV	LWC USAGE	Residential			0.0015			per LWCAL, calculated per end office per billing period per LWCAL, calculated per end
									office per billing
LWC	NV	LWC USAGE	Business			0.0015	<u> </u>		period
LWC	NV	OPTIONAL SERVICES	Privacy Manager® - Residential			3.50)		Line
LWC	NV	OPTIONAL SERVICES	Privacy Manager® - Business			3.50)		Line
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance per call - Residential			0.37	' NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance per call - Business			0.37	' NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call - Residential National DA (NDA) per call; Business Search Category (BCS)			0.37	' NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	per call; Reverse Directory Assistance (RDA) per call - Business			0.37	' NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call - Residential			0.15	i NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call - Business			0.15	i NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Residential			2.00) NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Business			2.00) NA	NA	Call
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Residential			NA	1800.00	1800.00	OS Switch
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Business			NA NA		1800.00	OS Switch
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Residential			0.025		NA	Call
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Business			0.025	NA NA	NA	Call
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state/In- Region – Local and IntraLATA rates - Residential Directory Assistance - Rate Reference Initial Load per state/In-			NA NA	2200.00	NA	State/In-Region
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Region – Local and IntraLATA rates - Business			NA	2200.00	NA	State/In-Region
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Subsequent Load per state/In-Region – Local and IntraLATA rates - Residential			NA NA	NA NA	1000.00	State/In-Region
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Subsequent Load per state/In-Region – Local and IntraLATA rates - Business			N.A	NA NA	1000.00	State/In-Region
LWC	NV	DIRECTORY ASSISTANCE	Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other special listing types - Residential						

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Monthly Recurring Zone Charge (MRC)	Non-Recurring Charge (NRC) First		Per Unit
Attacimient	Jiale	Floudet	Non-List, Non-Pub, Foreign, enhanced, additional, alternate	CO3 (Class of Service)	0300	Zone Charge (WICC)	FIISC	Additional	rei Ollit
LWC	NV	DIRECTORY ASSISTANCE	or other special listing types - Business						
LVVC	INV	DIRECTORT ASSISTANCE	Operated Services - Fully Automated Call Processing (Per						Completed
LWC	NV	OPERATOR CALL PROCESSING	completed automated call) - Residential			0.15	NA	NA	automated call
LVVC	INV	OF ENATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per			0.13	INA	INA	Completed
LWC	NV	ODERATOR CALL PROCESSING	, , ,			0.15	NIA	NA	
LVVC	INV	OPERATOR CALL PROCESSING	completed automated call) - Business Operator Services - Operator Assisted Call Processing (Per			0.15	NA	NA.	automated call
LWC	ND /	ODERATOR CALL PROCESSING				0.00		NA	Manda and and
LWC	NV	OPERATOR CALL PROCESSING	work second) - Residential Operator Services - Operator Assisted Call Processing (Per			0.02	NA	NA	Work second
1146	ND /	ODEDATOR CALL PROCESSING	1 ,			0.03			Manda and and
LWC	NV	OPERATOR CALL PROCESSING	work second) - Business			0.02	NA	NA	Work second
			Operator Services - Branding Initial/Subsequent Load per OS						
LWC	NV	BRANDING - OPERATOR CALL PROCESSING				NA	1800.00	1800.00	OS Switch
			Operator Services - Branding Initial/Subsequent Load per OS						
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Switch - Business			NA	1800.00	1800.00	OS Switch
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Residential			0.025	NA	NA	Call
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Business			0.025	NA	NA	Call
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Initial Load per state/In- Region – Local and IntraLATA rates - Residential			NA	2200.00	NA	State/In-Region
	****	DRAMBING OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Initial Load per state/In-				2200.00		C
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Region – Local and IntraLATA rates - Business			NA	2200.00	NA	State/In-Region
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Subsequent Load per state/In-Region – Local and IntraLATA rates - Residential			NA	NA	1000.00	State/In-Region
LWC	NV		Operator Services - Rate Reference - Subsequent Load per state/In-Region – Local and IntraLATA rates - Business			NA		1000.00	State/In-Region
LWC	NV	SERVICE ORDER CHARGES	Electronic Service Order				7.50		LSR
LWC	NV	SERVICE ORDER CHARGES	Manual Service Order				50.00		LSR
LWC	NV	OTHER CHARGES	Service Order Expedite Request - per incident				200.00		Incident
LWC	NV	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)					25.00	Incident
LWC	NV	OTHER CHARGES	Duplicate Bill		-			25.00	Incident
LWC	NV	OTHER CHARGES	False Technician Dispatch (CLEC Fault)					75.00	Incident
LWC	NV	OTHER CHARGES	Non-EFT payment or credit					25.00	Incident
LWC	NV	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee - Residential			0.05			Message
LWC	NV	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee - Business			0.05			Message

Local Wholesale Complete (LWC) Base Rates

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Recurring Charge (MRC)	Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	OH	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 5.60	\$ 709.49		per record
LWC	OH	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.05			per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							
LWC	OH	DIRECTORY LISTINGS	special listing types							
LWC	OH	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	NA	NA	per call
LWC	OH	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	NA	NA	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;							
LWC	OH	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37	NA	NA	per call
LWC	ОН	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00	NA	NA	per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							
LWC	OH	DIRECTORY ASSISTANCE	OS switch				NA ta saa	1,800.00	1,800.00	per switch
LWC	OH	DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call	WSK,WSQ			\$0.025	NA	NA	per call
		DUDGOTO DV AGGIGTANIGE	Directory Assistance - Rate Reference Initial Load per AT&T state/In-							
LWC	ОН	DIRECTORY ASSISTANCE	Region - Local and IntraLATA rates				NA	\$ 2,200.00	NA	per load
		DUDGOTO DV. AGGIGTANIGE	Directory Assistance - Rate Reference Subsequent Load per AT&T						4 4000 00	
LWC	ОН	DIRECTORY ASSISTANCE	state/In-Region - Local and IntraLATA rates				NA	NA	\$ 1,000.00	per load
1146	011	ODEDATOR CERVICES	Operated Services - Fully Automated Call Processing (Per completed	WCK WCO			\$ 0.15			
LWC	OH	OPERATOR SERVICES	automated call) Operator Services - Operator Assisted Call Processing (Per work	WSK,WSQ			\$ 0.15	NA	NA	per call
LWC	011	ODERATOR SERVICES		MEK MEO			\$ 0.02	NA	N/A	nououl. cocond
LVVC	ОН	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	NA	NA	per work second
LWC	ОН	OPERATOR SERVICES	Operator Services - Branding Initial/Subsequent Load per OS Switch				NA.	1,800.00	1,800.00	per switch
LWC	OH	OPERATOR SERVICES	Operator Services - Branding Initial/Subsequent Load per 03 Switch	WSK,WSQ			\$0.025	1,800.00 NA	1,800.00 NA	per call
LVVC	OII	OFERATOR SERVICES	Operator Services - Brate Reference - Initial Load per AT&T state/In-	wsk,wsq			\$0.023	IVA	INA	per can
LWC	ОН	OPERATOR SERVICES	Region - Local and IntraLATA rates				NΔ	\$ 2,200.00	NA	per load
LWC	011	OT ENVIOUSERVICES	Operator Services - Rate Reference - Subsequent Load per AT&T				10/1	Ç 2,200.00	10.0	perioda
LWC	ОН	OPERATOR SERVICES	state/In-Region - Local and IntraLATA rates				NA	NA	\$ 1,000.00	per load
2000	011	OT ENVIOUSERVICES	Wholesale Complete-measured Line-Port with Loop-Business				10/	147	7 1,000.00	per loud
LWC	ОН	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$38.00			per line
			Wholesale Complete-measured Line-Port with Loop-Business				700.00			p = 1
LWC	ОН	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$39.00			per line
			Wholesale Complete-measured Line-Port with Loop-Business				700.00			p 0 0
LWC	ОН	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$40.00			per line
			Wholesale Complete-measured Line-Port with Loop-Residence							·
LWC	ОН	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$32.00			per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	ОН	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$33.00			per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	ОН	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$34.00			per line
LWC	OH	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB			\$7.50		per LSR
LWC		SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW			\$50.00		per LSR
LWC	OH	LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015			MOU
LWC	OH	LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.0015			MOU
LWC	OH	OTHER CHARGES	Service Order Expedite Request - per incident					200.00		per incident
LWC	OH	OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP				\$75.00	per incident
LWC	OH	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W				\$25.00	per incident
LWC	OH	OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV				\$25.00	per incident
LWC	OH	OTHER CHARGES	Duplicate Bill	WSK,WSQ	OBMDW				\$25.00	
LWC	OH	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50			per line

System Version: 03/24/2017

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business					4		
LWC	OK	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RBX		\$38.00	\$0.00	\$0.00	per line
1146	01/	LIMICALDATE	Wholesale Complete-measured Line-Port with Loop-Business		LIEDDY		¢20.00	ć0.00	ć0.00	
LWC	OK	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RBX	-	\$39.00	\$0.00	\$0.00	per line
LWC	ОК	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)		U5RBX		\$40.00	\$0.00	\$0.00	nou line
LVVC	UK	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Residence		USNBA		\$40.00	\$0.00	\$0.00	per line
LWC	ОК	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RRX		\$32.00	\$0.00	\$0.00	per line
LVVC	OK	EWCALIATE	Wholesale Complete-measured Line-Port with Loop-Residence		OSITIA		Ş32.00	\$0.00	Ç0.00	per inte
LWC	ОК	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RRX		\$33.00	\$0.00	\$0.00	per line
20		2000 1210 112	Wholesale Complete-measured Line-Port with Loop-Residence		00111111		φ55.00	φο.σσ	φσ.σσ	per inte
LWC	ОК	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RRX		\$34.00	\$0.00	\$0.00	per line
LWC	OK	OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX		\$3.50	\$0.00	\$0.00	per port
LWC		OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX		\$3.50	\$0.00	\$0.00	per port
LWC	OK	LWC USAGE	Originating		ZZUWC		\$0.001500	NA	NA	MOU
LWC	OK	LWC USAGE	Terminating		ZZUWC		\$0.001500	NA	NA	MOU
LWC	OK	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB		NA	\$7.50	\$0.00	per LSR
LWC	OK	SERVICE ORDER CHARGES	Manual Service Order Charge				NA	\$50.00	\$0.00	per LSR
LWC	OK	OTHER CHARGES	Line Class Code - One-way Optional Extended Area		OLKOX		\$1.00	\$0.00	\$0.00	
LWC	OK	OTHER CHARGES	Service Order Expedite Request - per incident					200.00	\$0.00	per incident
LWC	OK	OTHER CHARGES	Bill Inquiry (per claim)				NA		\$0.00	per claim
LWC	OK	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)				NA		\$0.00	per incident
LWC	OK	OTHER CHARGES	Duplicate CABS Bill Charge				NA			per incident
LWC	OK	OTHER CHARGES	Flat Rate False Dispatch Charge				NA			per incident
LWC	OK	OTHER CHARGES	False Tech Dispatch				NA	·	\$0.00	per incident
LWC		ALTERNATELY BILLED TRAFFIC (ABT)	Accounts Receivable Discount Off Retail Tariff		280		30.00%		NA	
LWC	OK	ALTERNATELY BILLED TRAFFIC (ABT)	Billing & Collect Credit per message		280		\$0.00		NA	per message
LWC		DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3		\$0.37		NA	per call
LWC	OK	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7		\$0.15			per call
LWC	OK	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5		\$0.37		NA	per call
LWC	OK OK	DIRECTORY ASSISTANCE DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB ZZUO8		\$0.37 \$0.37		NA NA	per call
LWC	OK	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		22008		\$2.00	NA NA		per call per call
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service Directory Assistance-Branding Initial/Subsequent Load		NRBDG		\$2.00 NA			per line
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding per Call		ZZUCB		\$0.002500		\$1,800.00 NA	per call
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance Brahamig per can Directory Assistance -Rate Reference-Initial Load		NRBDL		30.002300 NA			per LSR
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load		NRBDM		NA NA			per claim
LWC	ОК	DIRECTORY LISTINGS	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type				NO.	\$2,000.00	, NA	per ciumi
=:••			Operated Services-Fully Automated Call Processing (Per Completed		1	1				
LWC	ОК	OPERATOR SERVICES	automated call)		ZZUO1		\$0.15	NA	NA	per completed call
			Operator Services-Operator Assisted Call Processing (per work				Ţ 5.13			p - compression con
LWC	ОК	OPERATOR CALL PROCESSING	second)		ZZUO2		\$0.020000	NA	NA	per incident
LWC	ОК	OPERATOR SERVICES	Operator Services - Facilities Based Branding Initial/Subsequent Load Operator Services - Facilities Based Branding - Per Call (Line # based.		NRBDG		NA	\$1,800.00	\$1,800.00	per load
LWC	ОК	BRANDING - OPERATOR CALL PROCESSIN	When unbundled switching is used or when more than one brand IG required on same trunk group)		ZZUCB		\$0.025000	\$0.00	NA	per incident
LWC	ОК	OPERATOR SERVICES	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL		NA			per load
LWC	ОК	OPERATOR SERVICES	Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load		NRBDM		NA	\$1.000.00	NA	per load
			1	1				₇ = ,000.00		F =: 1000

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							Recurring	Charge (NRC)	Non-Recurring Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC)	First	Additional	Per Unit
			Operator Services - Facilities Based Rate Reference - Subsequent							
LWC	OK	BRANDING - OPERATOR CALL PROCESS	SING Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

PRICING SHEETS EXHIBIT A Local Wholesale Complete (LWC) Base Rates

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							Monthly	Non-Recurring	Non-Recurring	
							Recurring	Charge (NRC)	Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC)	First	Additional	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	TX	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RBX		\$38.00	\$0.00	\$0.00	per line
			Mikalaada Canadaka maasaan diina Bankarikki Laan Bankari							
LWC	TX	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)		U5RBX		\$39.00	\$0.00	\$0.00	nos lino
LVVC	IX	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		USKBX		\$39.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	TX	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RBX		\$40.00	\$0.00	\$0.00	per line
			(7.000	70.00	70.00	p or mile
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	TX	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RRX		\$32.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	TX	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RRX	1	\$33.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	TX	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RRX		\$34.00	\$0.00	\$0.00	per line
LWC	TX	OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX		\$34.00		\$0.00	
LWC		OPTIONAL SERVICES OPTIONAL SERVICES	, , ,		UKLRX		\$3.50		\$0.00	
	TX TX	LWC USAGE	Privacy Manager per Port-Residence				\$0.001500		\$0.00 NA	
LWC LWC	TX	LWC USAGE	Originating Terminating		ZZUWC		\$0.001500		NA NA	
LWC	TX	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB		30.001300 NA	\$7.50	\$0.00	
LWC	TX		Manual Service Order Charge		INITIVO		NA NA		\$0.00	-
LWC	TX	OTHER CHARGES	Service Order Expedite Request - per incident				NA NA	200.00	\$0.00	
LWC	TX		Bill Inquiry (per claim)				NA NA		\$0.00	
LWC	TX	OTHER CHARGES OTHER CHARGES	Non-EFI (electronic funds interface/transfer)				NA NA		\$0.00	
LWC	TX		Duplicate CABS Bill Charge				NA NA	\$25.00	\$0.00	
LWC	TX	OTHER CHARGES OTHER CHARGES	Flat Rate False Dispatch Charge				NA NA		\$0.00	
LWC	TX	OTHER CHARGES	False Tech Dispatch				NA NA	\$75.00	\$0.00	
LWC	TX	ALTERNATELY BILLED TRAFFIC	Accounts Receivable Discount Off Retail Tariff		280		30.00%		NA	
LWC	TX	ALTERNATELY BILLED TRAFFIC	Billing & Collect Credit per message		280		\$0.00		NA NA	
LWC	TX		Directory Assistance (DA) blended Rate for 1		ZZUO3		\$0.37	NA NA	NA NA	
LWC	TX		Directory Assistance Call Completeion (DACC) per call		ZZUO7		\$0.15		NA NA	
LWC	TX	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5		\$0.37	NA NA	NA NA	
LWC	TX	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB		\$0.37	NA NA	NA NA	
LWC	TX	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		ZZUO8		\$0.37	NA NA	NA NA	
LWC	TX		Directory Assistance Non-Pub Emergency Service				\$2.00		NA NA	
LWC	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding Initial/Subsequent Load		NRBDG		NA NA		\$1,800.00	
LWC	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding per Call		ZZUCB		\$0.025000		NA NA	
LWC	TX		Directory Assistance -Rate Reference-Initial Load		NRBDL	1	NA	\$2,200.00	NA	
LWC	TX		Directory Assistance-Rate Reference-Subsequent Load		NRBDM	1	NA		NA	
		2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other				1.0.	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,	p
LWC	TX	DIRECTORY LISTINGS	special listing type							
			Operated Services-Fully Automated Call Processing (Per Completed			1				
LWC	TX	OPERATOR SERVICES	automated call)		ZZUO1		\$0.15	NA	NA	per completed call
			Operator Services-Operator Assisted Call Processing (per work				75725			, process
LWC	TX	OPERATOR CALL PROCESSING	second)		ZZUO2		\$0.020000	NA	NA	per incident
			·							
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Facilities Based Branding Initial/Subsequent Load		NRBDG		NA	\$1,800.00	\$1,800.00	per load
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PRICING SHEETS EXHIBIT A

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)		Non-Recurring Charge (NRC) Additional	Per Unit
			Operator Services - Facilities Based Branding - Per Call (Line # based.							
			When unbundled switching is used or when more than one brand							
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	required on same trunk group)		ZZUCB		\$0.025000	\$0.00	NA	per call
LWC	TX		Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL		NA	\$2,200.00	NA	per load
			Operator Services - Facilities Based Rate Reference - Subsequent							
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	WI	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 3.89			per record
LWC	WI	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.05			per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							
LWC	WI	DIRECTORY LISTINGS	special listing types							
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37			per call
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;							
LWC	WI	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37		\$0.00	per call
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00)		per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							
LWC	WI	DIRECTORY ASSISTANCE	OS switch				\$0.00	,	1,800.00	per switch
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance-Branding-per call	WSK,WSQ			\$0.025			per call
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Initial Load				\$0.00			per load
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
			Operated Services-Fully Automated Call Processing (Per completed							
LWC	WI	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.15	\$0.00	\$0.00	per call
			Operator Services-Operator Assisted Call Processing (Per work							
LWC	WI	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	\$0.00	\$0.00	per work second
LWC	WI	OPERATOR SERVICES	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.00	,	1,800.00	per switch
LWC	WI	OPERATOR SERVICES	Operator Services-Branding Per call	WSK,WSQ			\$0.025			per call
LWC	WI	OPERATOR SERVICES	Operator Services-Rate Reference-Initial Load				\$0.00			per load
LWC	WI	OPERATOR SERVICES	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
LWC	WI	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$38.00) NA	NA	per line
LWC	WI	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)	WSK	USRBX		\$39.00) NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	WI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$40.00	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							,
LWC	WI	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$32.00	NA NA	. NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							·
LWC	WI	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$33.00	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							·
LWC	WI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$34.00	NA NA	NA	per line
LWC	WI	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		NA	\$7.50	\$0.00	per LSR
LWC	WI	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		\$0.00			per LSR
LWC	WI	LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015	NA	. NA	MOU
LWC	WI	LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.0015	NA NA	NA	MOU
LWC	WI	OTHER CHARGES	Service Order Expedite Request - per incident	•				200.00		per incident
LWC	WI	OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP			\$75.00		per incident
LWC	WI	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W		\$0.00	\$25.00	\$0.00	per incident
LWC	WI	OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV		\$0.00			per incident
LWC	WI	OTHER CHARGES	Duplicate CABS Bill charge	WSK,WSQ	OBMDW		\$0.00	\$25.00	\$0.00	
LWC	WI	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50	NA NA	NA	per line

400,000 - 449,999 LWC Line Volume Pricing Tier

## Product State Product State Product State Element Description COS (Class of Service) USC Product			1								
LIVIC AR LIVICALRATE Prifer the 1/1/2013 12/3/1/2018 LIVICALRATE LIVICALRATE Prifer the 1/1/2013 12/3/1/2018 LIVICALRATE LIVICALRATE Prifer the 1/1/2013 12/3/1/2019 LIVICALRATE LIVICALRATE LIVICALRATE Prifer the 1/1/2013 12/3/1/2019 LIVICALRATE LIVICAL								Recurring	Charge (NRC)	Charge (NRC)	
LVC	Attachment	State	Product	· ·	COS (Class of Service)	USOC	Zone	Charge (MRC)	First	Additional	Per Unit
Vivide AR Vivide Complete				· · · · · · · · · · · · · · · · · · ·							
LWC AR LWCALRATE (Effective 1/1/2020 - 12/31/2020) USBRX \$30.00 \$0.00 per line	LWC	AR	LWCALRATE			U5RBX		\$27.50	\$0.00	\$0.00	per line
W/C AR				· ·							
LWC AR LWC/LIANTE Effective 1/1/2000 12/31/2008 USBRX \$30.05 \$0.00 per line	LWC	AR	LWCALRATE			U5RBX		\$29.00	\$0.00	\$0.00	per line
LWC AR WCALRATE Windowske Complete measured Line Port with Loop-Residence USRRX \$528.00 \$5.00 \$5.00 per line											
LWC AR	LWC	AR	LWCALRATE			U5RBX		\$30.25	\$0.00	\$0.00	per line
LWC AR WCALRATE WT.											
LWC	LWC	AR	LWCALRATE			U5RRX		\$28.00	\$0.00	\$0.00	per line
W.C. AR W.C.A.BATE W.C.				· ·							
LWC	LWC	AR	LWCALRATE			U5RRX		\$29.00	\$0.00	\$0.00	per line
LWC				Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	LWC	AR	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RRX		\$30.00	\$0.00	\$0.00	per line
LWC											per port
LWC	LWC	AR	OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX		\$3.50	\$0.00	\$0.00	per port
LWC	LWC	AR	LWC USAGE	Originating		ZZUWC		\$0.001500	NA	NA	MOU
LWC	LWC	AR	LWC USAGE	Terminating		ZZUWC		\$0.001500	NA	NA	MOU
LWC AR STRVICE ORDER CHARGES Service Order Expedite Request - per incident NA 250.00 50.00 per LSR	LWC	AR	OPTIONAL EAS FUNCTIONALITY	Line Class Code - One-way Optional Extended Area		OLKOX		\$3.00	\$0.00	\$0.00	per line
LWC AR OTHER CHARGES Service Order Expedite Request- per incident NA 200.00 S0.00 per incident NA 255.00 S0.00 per incident NA 255.00 S0.00 S0.00 S0.00 Per claim NA 255.00 S0.00 S0.00 S0.00 Per claim NA S25.00 S0.00	LWC	AR	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB		NA	\$7.50	\$0.00	per order
LWC AR OTHER CHARGES Bill Inquiry (per claim) NA \$25.00 50.00 per claim	LWC	AR	SERVICE ORDER CHARGES	Manual Service Order Charge				NA	\$50.00	\$0.00	per LSR
LWC AR OTHER CHARGES Non-EF (electronic funds interface/transfer) Non-EF (electronic funds interface) Non-EF (electronic funds interface/transfer) Non-EF (electronic funds interface/transfer) Non-EF (electronic funds interface) Non-EF (electronic funds interface/transfer) Non-EF (electronic fu	LWC	AR	OTHER CHARGES	Service Order Expedite Request - per incident				NA	200.00	\$0.00	per incident
LWC AR OTHER CHARGES Non-EFI (electronic funds interface/transfer) NA \$25.00 \$0.00 per incident LWC AR OTHER CHARGES Plant Rate False Dispatch Charge NA \$25.00 \$0.00 per incident LWC AR OTHER CHARGES Flat Rate False Dispatch NA \$75.00 \$0.00 per incident LWC AR OTHER CHARGES Flat Rate False Dispatch NA \$75.00 \$0.00 per incident LWC AR ALTERNATELY BILLED TRAFFIC Accounts Receivable Discount Off Retail Tariff 280 30.00% NA NA LWC AR ALTERNATELY BILLED TRAFFIC Billing & Collect Credit per message 280 \$0.00 NA NA LWC AR DIRECTORY ASSISTANCE Directory Assistance (Pabl Diended Rate for 1 22U00 \$0.37 NA NA per message LWC AR DIRECTORY ASSISTANCE Directory Assistance Call Completelon (DACC) per call 22U00 \$0.37 NA NA per call LWC A		AR									
LWC	LWC	AR	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)				NA	\$25.00	\$0.00	per incident
LWC AR OTHER CHARGES Flat Rate False Dispatch Charge LWC AR OTHER CHARGES False Tech Dispatch LWC AR ALTERNATELY BILLED TRAFFIC Accounts Receivable Discount Off Retail Tariff LWC AR ALTERNATELY BILLED TRAFFIC Accounts Receivable Discount Off Retail Tariff LWC AR ALTERNATELY BILLED TRAFFIC Billing & Collect Credit per message LWC AR DIRECTORY ASSISTANCE Directory Assistance (DA) Inherended Rate for 1 LWC AR DIRECTORY ASSISTANCE Directory Assistance (DA) Inherended Rate for 1 LWC AR DIRECTORY ASSISTANCE Directory Assistance (DA) Inherended Rate for 1 LWC AR DIRECTORY ASSISTANCE Directory Assistance (DA) Inherended Rate for 1 LWC AR DIRECTORY ASSISTANCE Directory Assistance (DA) Inherended Rate for 1 LWC AR DIRECTORY ASSISTANCE Directory Assistance (BA) LWC AR DIRECTORY ASSISTANCE Reverse Directory Assistance (RDA) LWC AR DIRECTORY ASSISTANCE Reverse Directory Assistance (RDA) LWC AR DIRECTORY ASSISTANCE Directory Assistance (RDA) LWC AR DIRECTORY ASSISTANCE Directory Assistance (RDA) LWC AR DIRECTORY ASSISTANCE Directory Assistance Rate (RDA) LWC AR BRANDING - DIRECTORY ASSISTANCE Directory Assistance Rate Reference-Initial Load LWC AR BRANDING - DIRECTORY ASSISTANCE Directory Assistance Rate Reference-Initial Load LWC AR BRANDING - DIRECTORY ASSISTANCE Directory Assistance Rate Reference-Initial Load LWC AR BRANDING - DIRECTORY ASSISTANCE Directory Assistance Rate Reference-Subsequent Load NRBDM NA S1,000.00 NA NA Per call LWC AR DIRECTORY LISTINGS Operator Services - Pacilities Based Branding Initial/Subsequent LWC AR BRANDING - OPERATOR CALL PROCESSING Operator Services - Pacilities Based Branding Per Call LWC AR BRANDING - OPERATOR CALL PROCESSING Operator Services - Facilities Based Branding Per Call (LINE # Dassed. When unbundled switching is used or when more than Directory Assistance Rate Reference-Subsequent Directory A		AR							·		•
LWC				,					·		•
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Operated Services-Fully Automated Call Processing (Per LWC AR OPERATOR CALL PROCESSING Completed automated call) Operator Services-Operator Assisted Call Processing (per work second) LWC AR OPERATOR CALL PROCESSING second) Operator Services - Facilities Based Branding Initial/Subsequent LWC AR BRANDING - OPERATOR CALL PROCESSING Load Operator Services - Facilities Based Branding - Per Call (Line # based. When unbundled switching is used or when more than one brand required on same trunk group) ZZUCB \$0.025000 \$0.00 NA NA per call	11470	4.0	DIRECTORYLICTINGS								
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Operator Services - Facilities Based Branding - Per Call (Line # based. When unbundled switching is used or when more than one brand required on same trunk group) ZZUCB \$0.025000 \$0.00 NA per call				1 .							
LWC AR BRANDING - OPERATOR CALL PROCESSING one brand required on same trunk group)	LWC	AR	BRANDING - OPERATOR CALL PROCESSING	Load		NRBDG	1	NA	\$1,800.00	\$1,800.00	per load
LWC AR BRANDING - OPERATOR CALL PROCESSING one brand required on same trunk group)											
LWC AR BRANDING - OPERATOR CALL PROCESSING one brand required on same trunk group) ZZUCB \$0.025000 \$0.00 NA per call				,							
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LWC AR BRANDING - OPERATOR CALL PROCESSING Operator Services - Facilities Based Rate Reference -Initial Load NRBDL NA \$2,200.00 NA per load	LWC	AR	BRANDING - OPERATOR CALL PROCESSING	one brand required on same trunk group)		ZZUCB		\$0.025000	\$0.00	NA	per call
LWC AR BRANDING - OPERATOR CALL PROCESSING Operator Services - Facilities Based Rate Reference - Initial Load NRBDL NA \$2,200.00 NA per load											
	LWC	AR	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL		NA	\$2,200.00	NA	per load

PRICING SHEETS EXHIBIT A

 $400,\!000$ - $449,\!999$ LWC Line Volume Pricing Tier

							Monthly	Non-Recurring	Non-Recurring	
							Recurring	Charge (NRC)	Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC)	First	Additional	Per Unit
			Operator Services - Facilities Based Rate Reference - Subsequent							
LWC	AR	BRANDING - OPERATOR CALL PROCESSING	Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

			100,000	9 LWC Line Volume Pricing Tie						
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Charge (NRC)	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	CA	LWCALRate	Residential (Effective 1/1/2018 - 12/31/2018)				28.00			
LWC	CA	LWCALRate	Residential (Effective 1/1/2019 - 12/31/2019)				29.00			
LWC	CA	LWCALRate	Residential (Effective 1/1/2020 - 12/31/2020)				30.00			
LWC	CA	LWCALRate	Business (Effective 1/1/2018 - 12/31/2018)				27.50			
LWC	CA	LWCALRate	Business (Effective 1/1/2019 - 12/31/2019)				29.00			
LWC	CA	LWCALRate	Business (Effective 1/1/2020 - 12/31/2020)				30.25			
LWC	CA	LWC USAGE	Residential				0.0015			per LWCAL, calculated per end office per billing period
LWC	CA	LWC USAGE	Residential				0.0015			per LWCAL,
LWC	CA	LWC USAGE	Rustrass				0.0015			calculated per end office per billing period
LWC	CA	OPTIONAL SERVICES	Business Privacy Manager® - Residential				3.50			Line
LWC	CA	OPTIONAL SERVICES	Privacy Manager® - Business				3.50			Line
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance per call - Residential				0.37		NA	
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance per call - Residential Directory Assistance per call - Business				0.37			
LVVC	CA	DIRECTORY ASSISTANCE	National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per				0.37	NA.	IVA	Call
LWC	CA	DIRECTORY ASSISTANCE	call - Residential National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per				0.37	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	call - Business				0.37	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call - Residential				0.15	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call - Business				0.15	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Residential				2.00	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Business				2.00	NA	NA	Call
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Residential				NA	1800.00	1800.00	OS Switch
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Business				NA	1800.00	1800.00	OS Switch
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Residential				0.025	NA	NA	Call
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Business Directory Assistance - Rate Reference Initial Load per				0.025	NA	NA	Call
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	state/In-Region – Local and IntraLATA rates - Residential				NA	2200.00	NA	State/In-Region
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state/In-Region – Local and IntraLATA rates - Business Directory Assistance - Rate Reference Subsequent Load				NA	2200.00	NA	State/In-Region
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	per state/In-Region – Local and IntraLATA rates - Residential				NA	. NA	1000.00	State/In-Region

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First		Per Unit
			Directory Assistance - Rate Reference Subsequent Load							
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	per state/In-Region – Local and IntraLATA rates - Business				NA	NA	1000.00	State/In-Region
LVVC	CA	BRAINDING - DIRECTORY ASSISTANCE	busiliess				INA	INA	1000.00	State/III-Negion
			Non-List, Non-Pub, Foreign, enhanced, additional,							
LWC	CA	DIRECTORY LISITINGS	alternate or other special listing types - Residential							
	-		and the second s							
			Non-List, Non-Pub, Foreign, enhanced, additional,							
LWC	CA	DIRECTORY LISITINGS	alternate or other special listing types - Business							
			Operated Services - Fully Automated Call Processing							Completed
LWC	CA	OPERATOR CALL PROCESSING	(Per completed automated call) - Residential				0.15	NA	NA	automated call
1146		ODEDATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing				0.45	NA		Completed
LWC	CA	OPERATOR CALL PROCESSING	(Per completed automated call) - Business Operator Services - Operator Assisted Call Processing				0.15	INA	NA	automated call
LWC	CA	OPERATOR CALL PROCESSING	(Per work second) - Residential				0.02	NA	NA	Work second
20	0,1	0. 2.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	Operator Services - Operator Assisted Call Processing				0.02			TTOTA SCCOTIG
LWC	CA	OPERATOR CALL PROCESSING	(Per work second) - Business				0.02	NA	NA	Work second
			Operator Services - Branding Initial/Subsequent Load							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING					NA	1800.00	1800.00	OS Switch
			Operator Services - Branding Initial/Subsequent Load							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	per OS Switch - Business				NA	1800.00	1800.00	OS Switch
		2244244					0.005			0.11
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Residential				0.025	NA	NA	Call
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Business				0.025	NA	NA	Call
2000	C/ (BIGHTON OF ELECTROCESSING	Operator Services - Rate Reference - Initial Load per				0.023	10.0	10.0	Cuii
			state/In-Region – Local and IntraLATA rates -							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	Residential				NA	2200.00	NA	State/In-Region
										-
			Operator Services - Rate Reference - Initial Load per							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	state/In-Region – Local and IntraLATA rates - Business				NA	2200.00	NA	State/In-Region
			Operator Services - Rate Reference - Subsequent Load							
1146		DRANDING OPERATOR CALL PROCESSING	per state/In-Region – Local and IntraLATA rates -						1000.00	Chata Na Danian
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Subsequent Load				NA	NA	1000.00	State/In-Region
			per state/In-Region – Local and IntraLATA rates -							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING					NA	NA	1000.00	State/In-Region
LWC	CA	SERVICE ORDER CHARGES	Electronic Service Order					7.50		LSR
LWC	CA	SERVICE ORDER CHARGES	Manual Service Order					50.00		LSR
LWC	CA	OTHER CHARGES	Service Order Expedite Request - per incident					200.00		Incident
LWC	CA	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)						25.00	Incident
LWC	CA	OTHER CHARGES	Duplicate Bill						25.00	Incident
LWC	CA	OTHER CHARGES	False Technician Dispatch (CLEC Fault)						75.00	Incident
LWC	CA	OTHER CHARGES	Non-EFT payment or credit						25.00	Incident
LWC	CA	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee - Residential				0.05			Mossago
LVVC	CA	ALIENIVATELI BILLED TRAFFIC	nesidential				0.05			Message
LWC	CA	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee - Business				0.05			Message
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System Version: 03/24/2017

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	_	Per Unit
LWC	IL	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$3.65	\$ 713.33		per record
LWC	IL	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$0.05			per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							
LWC	IL	DIRECTORY LISTINGS	special listing types							
LWC	IL		Directory Assistance, per call	WSK,WSQ			\$0.37		\$0.00	per call
LWC	IL		Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;							
LWC	IL		Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37		\$0.00	per call
LWC	IL		Directory Assistance Non-Pub Emergency Service - per call				\$2.00)		per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per				40.00	4 000 00	4 000 00	24.1
LWC	IL.		OS switch	MEK MEO			\$0.00	,	1,800.00	per switch
LWC	IL.		Directory Assistance-Branding-per call Directory Assistance-Rate Reference Initial Load	WSK,WSQ			\$0.025 \$0.00			per call
LWC	IL IL		Directory Assistance-Rate Reference Subsequent Load				\$0.00		\$1,000.00	per load per load
LVVC	IL		Operated Services-Fully Automated Call Processing (Per completed				Ş0.00	, Ş0.00	\$1,000.00	per load
LWC	IL	OPERATOR SERVICES	automated call)	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
Live		OF ENVIOR SERVICES	Operator Services-Operator Assisted Call Processing (Per work	***51,***5Q			Ç0.13	\$0.00	\$0.00	per cuii
LWC	IL	OPERATOR SERVICES	second)	WSK.WSQ			\$0.02	\$0.00	\$0.00	per work second
				,			70.0	70.00	70.00	per members
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.00	\$1,800.00	\$1,800.00	per switch
									. ,	,
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Branding Per call	WSK,WSQ			\$0.025	;		per call
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Rate Reference-Initial Load				\$0.00	\$2,200.00		per load
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00	\$1,000.00	per load
LWC	IL		Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)	WSK	USRBX		\$27.50		NA	per line
114/6		LIMICAL BATE	Wholesale Complete-measured Line-Port with Loop-Business	MCK	LIEDDY		¢20.00		210	
LWC	IL	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019) Wholesale Complete-measured Line-Port with Loop-Business	WSK	U5RBX		\$29.00	NA NA	NA	per line
LWC	IL	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$30.25	NA NA	NA	per line
LVVC	IL		Wholesale Complete-measured Line-Port with Loop-Residence	WJK	OSKBA		\$30.23	INA	INA	per inte
LWC	IL	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$28.00	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence				7-0:00	-		p =
LWC	IL	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$29.00	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence	-						'
LWC	IL	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$30.00	NA NA	NA	per line
LWC	IL	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		NA	\$7.50	\$0.00	per LSR
LWC	IL	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		\$0.00	\$50.00	\$0.00	per LSR
LWC	IL		Originating	WSK,WSQ	ZZUWC		\$0.0015		NA	MOU
LWC	IL		Terminating	WSK,WSQ	ZZUWC		\$0.0015		NA	MOU
LWC	IL		Service Order Expedite Request - per incident					200.00	\$0.00	per incident
LWC	IL		False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP			\$75.00	\$0.00	per incident
LWC	IL		Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W		\$0.00		\$0.00	per incident
LWC	IL		Non-EFT payment or credit	WSK,WSQ	N3RVV		\$0.00		\$0.00	per incident
LWC	IL		Duplicate CABS Bill charge	WSK,WSQ	OBMDW		\$0.00		\$0.00	
LWC	IL	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO	1	\$3.50	NA NA	NA	per line

 $400,\!000$ - $449,\!999$ LWC Line Volume Pricing Tier

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Non-Recurring Non-Recurring National Nation	-	Per Unit
LWC	IN	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 3.55			per record
LWC	IN	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.05			per message
20		NETERIORIEE SIEEES HOUTE	Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other				ψ 0.03			per message
LWC	IN	DIRECTORY LISTINGS	special listing types							
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;					, , , , ,		r
LWC	IN	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00	,		per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							·
LWC	IN	DIRECTORY ASSISTANCE	OS switch				\$0.00	1,800.00	1,800.00	per switch
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance-Branding-per call	WSK,WSQ			\$0.025			per call
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Initial Load				\$0.00	\$ 2,200.00		per load
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
			Operated Services-Fully Automated Call Processing (Per completed							
LWC	IN	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.15	\$0.00	\$0.00	per call
			Operator Services-Operator Assisted Call Processing (Per work							
LWC	IN	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	\$0.00	\$0.00	per work second
LWC	IN	OPERATOR SERVICES	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.00		1,800.00	per switch
LWC	IN	OPERATOR SERVICES	Operator Services-Branding Per call	WSK,WSQ			\$0.025			per call
LWC	IN	OPERATOR SERVICES	Operator Services-Rate Reference-Initial Load				\$0.00			per load
LWC	IN	OPERATOR SERVICES	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	IN	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$27.50	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	IN	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$29.00	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	IN	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$30.25	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence	14/50	115001		420.00			1.
LWC	IN	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018) Wholesale Complete-measured Line-Port with Loop-Residence	WSQ	U5RRX		\$28.00	NA NA	NA	per line
LWC	IN	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$29.00	NA NA	NA	per line
LVVC	IIN	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Residence	WSQ	USKKA		\$29.00	INA INA	INA	per iiile
LWC	IN	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$30.00	NA NA	NA	per line
LWC	IN	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		330.00 NA		\$0.00	per LSR
LWC	IN	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ WSK,WSQ	N3RVW		\$0.00		\$0.00	per LSR
LWC	IN	LWC USAGE	Originating Order charge	WSK,WSQ WSK,WSQ	ZZUWC		\$0.0015		30.00 NA	MOU
LWC	IN	LWC USAGE	Terminating	WSK,WSQ WSK,WSQ	ZZUWC		\$0.0015		NA NA	MOU
LWC	IN	OTHER CHARGES	Service Order Expedite Request - per incident				Ç3.3013	200.00	\$0.00	per incident
LWC	IN	OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP		1	\$75.00	\$0.00	per incident
LWC	IN	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W		\$0.00		\$0.00	per incident
LWC	IN	OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV		\$0.00		\$0.00	per incident
LWC	IN	OTHER CHARGES	Duplicate CABS Bill charge	WSK,WSQ	OBMDW		\$0.00		\$0.00	,
LWC	IN	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50		NA	per line
	1		· · ·	- /	-	1	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			l

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							Non-	Non-	
						Monthly	Recurring	Recurring	
						Recurring	Charge (NRC)	Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC Zo	ne Charge (MRC	First	Additional	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 -						
LWC	KS	LWCALRATE	12/31/2018)		U5RBX	\$27.50	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 -						
LWC	KS	LWCALRATE	12/31/2019)		U5RBX	\$29.0	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 -						
LWC	KS	LWCALRATE	12/31/2020)		U5RBX	\$30.2	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 -						
LWC	KS	LWCALRATE	12/31/2018)		U5RRX	\$28.0	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 -					4	
LWC	KS	LWCALRATE	12/31/2019)		U5RRX	\$29.0	\$0.00	\$0.00	per line
114/0		LINGAL DATE	Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 -		HEDEN	40		40.5-	
LWC	KS	LWCALRATE	12/31/2020)		U5RRX	\$30.0	·		per line
LWC	KS	OPTIONAL SERVICES	Privacy Manager per Port-Business	1	UKLBX	\$3.50			per port
LWC	KS	OPTIONAL SERVICES	Privacy Manager per Port-Residence	1	UKLRX	\$3.50			per port
LWC	KS	LWC USAGE	Originating		ZZUWC	\$0.00150			MOU
LWC	KS	LWC USAGE	Terminating		ZZUWC NRFWB	\$0.00150			MOU
LWC	KS	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NKFWB	N/	·		
LWC	KS KS	SERVICE ORDER CHARGES OTHER CHARGES	Manual Service Order Charge			N/	\$50.00		per LSR
LWC	_	OTHER CHARGES OTHER CHARGES	Service Order Expedite Request - per incident						per claim
LWC	KS KS	OTHER CHARGES OTHER CHARGES	Bill Inquiry (per claim)			N/			per claim
LWC	KS	OTHER CHARGES OTHER CHARGES	Non-EFI (electronic funds interface/transfer)			N/			per incident
LWC	KS	OTHER CHARGES OTHER CHARGES	Duplicate CABS Bill Charge Flat Rate False Dispatch Charge			N/			per incident per incident
LWC	KS	OTHER CHARGES OTHER CHARGES	False Tech Dispatch			N/			per incident
LWC	KS	ALTERNATELY BILLED TRAFFIC (ABT)	Accounts Receivable Discount Off Retail Tariff		280	30.009			permicident
LWC	KS	ALTERNATELY BILLED TRAFFIC (ABT)	Billing & Collect Credit per message		280	\$0.00			per message
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3	\$0.3			per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7	\$0.1			per call
LWC	KS	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5	\$0.3			per call
LWC	KS	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB	\$0.3			per call
LWC	KS	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		ZZUO8	\$0.3			per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service		22000	\$2.0			per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance-Branding Initial/Subsequent Load		NRBDG	N/			per load
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance-Branding per Call		ZZUCB	\$0.02500			per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance -Rate Reference-Initial Load		NRBDL	N/			per load
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load		NRBDM	N/	\$1,000.00	NA	per load
							. ,		
LWC	KS	DIRECTORY LISTINGS	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type						
LWC	KS	OPERATOR SERVICES	Operated Services-Fully Automated Call Processing (Per Completed automated call)		ZZUO1	\$0.1	NA NA	. NA	per completed call
LWC	KS	OPERATOR SERVICES	Operator Services-Operator Assisted Call Processing (per work second)		ZZUO2	\$0.02000	NA NA		per work second
LWC	KS	OPERATOR SERVICES	Operator Services - Facilities Based Branding Initial/Subsequent Load		NRBDG	N/	\$1,800.00	\$1,800.00	per load
			Operator Services - Facilities Based Branding - Per Call (Line # based. When unbundled	l					
LWC	KS	OPERATOR SERVICES	switching is used or when more than one brand required on same trunk group)		ZZUCB	\$0.02500			per call
LWC	KS	OPERATOR SERVICES	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL	N/	\$2,200.00	NA	per load
-			Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or						
LWC	KS	OPERATOR SERVICES	Reference Load		NRBDM	N/	\$1,000.00	NA	per load
			Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or						

400,000 - 449,999 LWC Line Volume Pricing Tier

							Monthly	Non-Recurri	ng Non-Recurri	ng
							Recurring	Charge (NR	C) Charge (NR	c)
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC) First	Additiona	Per Unit
LWC	MI	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 3.9	3		per record
LWC	MI	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.0	5		per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							
LWC		DIRECTORY LISTINGS	special listing types							
LWC		DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.3			<u>'</u>
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.1	.5 \$0.	00 \$0.	00 per call
			National DA (NDA) per call; Business Search Category (BCS) per call;							
LWC		DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.3		00 \$0.	P
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.0	0		per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							
LWC		DIRECTORY ASSISTANCE	OS switch	14/6// 14/6 0			\$0.0	,	00 1,800.	· ·
LWC		DIRECTORY ASSISTANCE	Directory Assistance-Branding-per call	WSK,WSQ			\$0.02	-		per call
LWC		DIRECTORY ASSISTANCE DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Initial Load				\$0.0 \$0.0			per load
LWC	IVII	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load Operated Services-Fully Automated Call Processing (Per completed				\$0.0	50.	00 \$ 1,000.	00 per load
LWC	N.41	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.1	5 \$0.	00 \$0.	00
LVVC	MI	OPERATOR SERVICES	Operator Services-Operator Assisted Call Processing (Per work	wsk,wsQ			\$ 0.1	3 \$0.	50.	00 per call
LWC	МІ	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.0	2 \$0.	00 \$0.	00 per work second
LVVC	IVII	OF ENATOR SERVICES	second	wsk, wsq			\$ 0.0	2 30.	50.	bo per work second
LWC	МІ	OPERATOR SERVICES	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.0	1,800.	00 1.800.	00 per switch
LWC		OPERATOR SERVICES	Operator Services-Branding Per call	WSK,WSQ			\$0.02		1,000.	per call
LWC		OPERATOR SERVICES	Operator Services-Rate Reference-Initial Load				\$0.0		00	per load
LWC		OPERATOR SERVICES	Operator Services-Rate Reference-Subsequent Load				\$0.0	. ,	00 \$ 1,000.	
			Wholesale Complete-measured Line-Port with Loop-Business				70.0	701	7 2,000	po. note
LWC	MI	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$27.5	1 0.	NA AV	NA per line
			Wholesale Complete-measured Line-Port with Loop-Business							P
LWC	MI	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$29.0	1 00	1 AV	NA per line
			Wholesale Complete-measured Line-Port with Loop-Business				·			·
LWC	MI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$30.2	.5 1	1 AV	NA per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	MI	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$28.0	1 0	1 AV	NA per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	MI	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$29.0	1 0.	1 AV	NA per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	MI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$30.0	1 0.	1 AV	NA per line
LWC	MI	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		N			00 per LSR
LWC		SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		\$0.0			<u>'</u>
LWC		LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.001			NA MOU
LWC		LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.001			NA MOU
LWC		OTHER CHARGES	Service Order Expedite Request - per incident					200.		- '
LWC		OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W		\$0.0			- '
LWC		OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV		\$0.0			
		LOTLIED CLIADCEC	Duplicate CARC Bill charge	WSK,WSQ	OBMDW	1	\$0.0	0 \$25.	00 \$0.	וחח
LWC		OTHER CHARGES OPTIONAL SERVICES	Duplicate CABS Bill charge Privacy Manager	WSK,WSQ	WHO		\$3.5			NA per line

						Monthly	Non-Recurring	Non-Recurring	
						Recurring	Charge (NRC)		
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone Charge (MRC)	First	Additional	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business						
LWC	MO	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RBX	\$27.50	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business			4	40.00	40.00	
LWC	MO	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RBX	\$29.00	\$0.00	\$0.00	per line
114/6		LANCALDATE	Wholesale Complete-measured Line-Port with Loop-Business		LIEDDY	630.35	60.00	ć0.00	a a a Bara
LWC	MO	LWCALRATE	(Effective 1/1/2020 - 12/31/2020) Wholesale Complete-measured Line-Port with Loop-Residence		U5RBX	\$30.25	\$0.00	\$0.00	per line
LWC	МО	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RRX	\$28.00	\$0.00	\$0.00	per line
LVVC	IVIO	LWCALKATE	Wholesale Complete-measured Line-Port with Loop-Residence		UJNNA	\$20.00	\$0.00	\$0.00	per inte
LWC	МО	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RRX	\$29.00	\$0.00	\$0.00	per line
LVVC	1410	EWORLIWITE	Wholesale Complete-measured Line-Port with Loop-Residence		OSITION	725.00	\$0.00	Ç0.00	per inte
LWC	МО	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RRX	\$30.00	\$0.00	\$0.00	per line
LWC		OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX	\$3.50		φ0.00	per port
LWC		OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX	\$3.50			per port
LWC	МО	LWC USAGE	Originating		ZZUWC	\$0.001500			MOU
LWC	МО	LWC USAGE	Terminating		ZZUWC	\$0.001500			MOU
LWC	MO	SERVICE ORDER CHARGES	Electronic Service Order		NRFWB	NA	\$7.50	\$0.00	per LSR
LWC	MO	SERVICE ORDER CHARGES	Manual Service Order Charge			NA	\$50.00	\$0.00	per LSR
LWC	MO	OTHER CHARGES	Service Order Expedite Request - per incident				200.00	\$0.00	per incident
LWC	MO	OTHER CHARGES	Bill Inquiry/Dispute (charges sustanined)			NA	\$25.00	\$0.00	per incident
LWC	MO	OTHER CHARGES	Non-EFT payment or credit			NA	\$25.00	\$0.00	per incident
LWC	MO	OTHER CHARGES	Duplicate Bill			NA	\$25.00	\$0.00	per incident
LWC	MO	OTHER CHARGES	Flat Rate False Dispatch Charge			NA	\$75.00	\$0.00	per incident
LWC		OTHER CHARGES	False Technician Dispatch			NA		\$0.00	per incident
LWC	MO	ALTERNATELY BILLED TRAFFIC	Accounts Receivable Discount Off Retail Tariff		280	30.00%		NA	
LWC		ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee		280	\$0.00			per message
LWC	MO	DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3	\$0.37		NA	per call
LWC	MO	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7	\$0.15		NA	per call
LWC	MO	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5	\$0.37		NA	per call
LWC	MO	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB	\$0.37		NA	per call
LWC	MO	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		ZZUO8	\$0.37		NA	per call
LWC	MO	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service			\$2.00		NA	per call
LWC	MO	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding Initial/Subsequent Load		NRBDG	NA to come		\$1,800.00	per load
LWC	MO	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding per Call		ZZUCB	\$0.025000	NA	NA	per call
114/6		DRANDING DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per AT&T state/In-		NDDDI		ć2 200 00		a a a la a al
LWC	MO	BRANDING - DIRECTORY ASSISTANCE	Region - Local and IntraLATA rates Directory Assistance - Rate Reference Subsequent Load per AT&T		NRBDL	NA	\$2,200.00	NA	per load
LWC	МО	BRANDING - DIRECTORY ASSISTANCE	state/In-Region - Local and IntraLATA rates		NRBDM	NA NA	NA.	\$1,000.00	per load
LVVC	IVIO	BRAINDING - DIRECTORY ASSISTANCE	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other		INNODIVI	INA	INA	\$1,000.00	perioau
LWC	МО	DIRECTORY LISTINGS	special listing type						
LVVC	IVIO	DIRECTORT LISTINGS	Operated Services-Fully Automated Call Processing (Per Completed						
LWC	МО	OPERATOR CALL PROCESSING	automated call)		ZZUO1	\$0.15	NA	NA	per completed call
2.7.0		5. E.W. 6. C. E.E. 1. 10 5.E.S. 1. 10	Operator Services-Operator Assisted Call Processing (per work		22001	ψ0.120			per compreted can
LWC	мо	OPERATOR CALL PROCESSING	second)		ZZUO2	\$0.020000	NA	NA	per work second
20	0	0. 5.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	Scoonay		22002	ψοιο20000			per work second
LWC	мо	OPERATOR SERVICES	Operator Services - Facilities Based Branding Initial/Subsequent Load		NRBDG	NA	\$1,800.00	\$1,800.00	per load
			,				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,	p
LWC	МО	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call		ZZUCB	\$0.025000	NA	NA	per call
-			Operator Services - Rate Reference - Initial Load per AT&T state/In-						
LWC	МО	BRANDING - OPERATOR CALL PROCESSING	1 '		NRBDL	NA	\$2,200.00	NA	per load
			Operator Services - Rate Reference - Subsequent Load per AT&T						,
LWC	МО	BRANDING - OPERATOR CALL PROCESSING	state/In-Region - Local and IntraLATA rates		NRBDM	NA	\$1,000.00	NA	per load
			·		•				

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400,000 -	449,999	LWC Line	Volume	Pricing	Lier

			,	79 LWC Line volume Fricing Her						
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Charge (NRC)	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	NV	LWCALRate	Residential (Effective 1/1/2018 - 12/31/2018)				28.00			
LWC	NV	LWCALRate	Residential (Effective 1/1/2019 - 12/31/2019)				29.00			
LWC	NV	LWCALRate	Residential (Effective 1/1/2020 - 12/31/2020)				30.00			
LWC	NV	LWCALRate	Business (Effective 1/1/2018 - 12/31/2018)				27.50			
LWC	NV	LWCALRate	Business (Effective 1/1/2019 - 12/31/2019)				29.00			
LWC	NV	LWCALRate	Business (Effective 1/1/2020 - 12/31/2020)				30.25			
LWC	NV	LWC USAGE	Residential				0.0015			per LWCAL, calculated per end office per billing period
LWC	NV	LWC USAGE	Business				0.0015			per LWCAL, calculated per end office per billing period
LWC	NV	OPTIONAL SERVICES	Privacy Manager® - Residential				3.50			Line
LWC	NV	OPTIONAL SERVICES	Privacy Manager® - Business				3.50			Line
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance per call - Residential				0.37			Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance per call - Business				0.37	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call - Residential National DA (NDA) per call; Business Search Category				0.37	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	(BCS) per call; Reverse Directory Assistance (RDA) per call - Business Directory Assistance Call Completion (DACC) - per call -				0.37	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Residential				0.15	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call - Business				0.15	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Residential				2.00	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Business				2.00	NA	NA	Call
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Residential				NA	1800.00	1800.00	OS Switch
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Business				NA	1800.00	1800.00	OS Switch
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Residential				0.025	NA	NA	Call
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Business Directory Assistance - Rate Reference Initial Load per				0.025	NA	NA	Call
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	state/In-Region – Local and IntraLATA rates - Residential				NA	2200.00	NA	State/In-Region
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state/In-Region – Local and IntraLATA rates - Business Directory Assistance - Rate Reference Subsequent Load				NA	2200.00	NA	State/In-Region
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	per state/In-Region – Local and IntraLATA rates - Residential				NA	. NA	1000.00	State/In-Region

400,000 -	119 990	I WC Line	Volume	Pricing Tier
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			, ,	79 LWC Line Volume Fricing The						
Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone	Monthly Recurring Charge (MRC)	_	Non-Recurring Charge (NRC) Additional	Per Unit
			Directory Assistance - Rate Reference Subsequent Load							
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	per state/In-Region – Local and IntraLATA rates - Business				NA	NA	1000.00	State/In-Region
LVVC	INV	BRAINDING - DIRECTORY ASSISTANCE	Business				INA	INA	1000.00	State/In-Region
114/6	ND/	DIDECTORY ACCISTANCE	Non-List, Non-Pub, Foreign, enhanced, additional,							
LWC	NV	DIRECTORY ASSISTANCE	alternate or other special listing types - Residential							
LWC	NV	DIRECTORY ASSISTANCE	Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other special listing types - Business							
LVVC	140	DIRECTORT ASSISTANCE	arternate of other special listing types - business							
LWC	NV	OPERATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per completed automated call) - Residential				0.15	NA	NA	Completed automated call
			Operated Services - Fully Automated Call Processing							Completed
LWC	NV	OPERATOR CALL PROCESSING	(Per completed automated call) - Business				0.15	NA	NA	automated call
LWC	NV	OPERATOR CALL PROCESSING	Operator Services - Operator Assisted Call Processing (Per work second) - Residential				0.02	NA	NA	Work second
LWC	NV	OPERATOR CALL PROCESSING	Operator Services - Operator Assisted Call Processing (Per work second) - Business Operator Services - Branding Initial/Subsequent Load				0.02	NA	NA	Work second
LWC	NV	BRANDING - OPERATOR CALL PROCESSING					NA	1800.00	1800.00	OS Switch
2000	144	BIO WEBITO OF ELOCITOR CALLET ROCESSING	Operator Services - Branding Initial/Subsequent Load				10.0	1000.00	1000.00	OS SWITCH
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	1 '				NA	1800.00	1800.00	OS Switch
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Residential				0.025	NA	NA	Call
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Business				0.025	NA	NA	Call
			Operator Services - Rate Reference - Initial Load per state/In-Region – Local and IntraLATA rates -							
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	-				NA	2200.00	NA	State/In-Region
LVVC	140	BRANDING - OF ERATOR CALL FROCESSING	Residential				INA	2200.00	IVA	State/III Region
			Operator Services - Rate Reference - Initial Load per							
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	state/In-Region – Local and IntraLATA rates - Business				NA	2200.00	NA	State/In-Region
			Operator Services - Rate Reference - Subsequent Load							
			per state/In-Region – Local and IntraLATA rates -							
LWC	NV	BRANDING - OPERATOR CALL PROCESSING					NA	NA	1000.00	State/In-Region
			Operator Services - Rate Reference - Subsequent Load							
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	per state/In-Region – Local and IntraLATA rates -				NA	NA	1000.00	State/In-Region
LWC	NV	SERVICE ORDER CHARGES	Electronic Service Order				INA	7.50		LSR
LWC	NV	SERVICE ORDER CHARGES	Manual Service Order			+		50.00		LSR
LWC	NV	OTHER CHARGES	Service Order Expedite Request - per incident			1		200.00		Incident
LWC	NV	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)						25.00	Incident
LWC	NV	OTHER CHARGES	Duplicate Bill						25.00	Incident
LWC	NV	OTHER CHARGES	False Technician Dispatch (CLEC Fault)						75.00	Incident
LWC	NV	OTHER CHARGES	Non-EFT payment or credit						25.00	Incident
LWC	NV	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee - Residential				0.05			Message
LWC	NV	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee - Business				0.05			Message

400,000 - 449,999 LWC Line Volume Pricing Tie	400,000 -	449,999	LWC Line	Volume	Pricing	Tier
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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	_	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	OH	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 5.60	\$ 709.49		per record
LWC	OH	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.05			per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							
LWC	OH	DIRECTORY LISTINGS	special listing types							
LWC	OH	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	NA NA	. NA	per call
LWC	OH	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	NA	. NA	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;							
LWC	OH	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37			per call
LWC	OH	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00	NA	NA	per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							
LWC	OH	DIRECTORY ASSISTANCE	OS switch				NA	,		per switch
LWC	OH	DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call	WSK,WSQ			\$0.025	NA	. NA	per call
			Directory Assistance - Rate Reference Initial Load per AT&T state/In-							
LWC	OH	DIRECTORY ASSISTANCE	Region - Local and IntraLATA rates				NA	\$ 2,200.00	NA	per load
			Directory Assistance - Rate Reference Subsequent Load per AT&T							
LWC	ОН	DIRECTORY ASSISTANCE	state/In-Region - Local and IntraLATA rates				NA	. NA	\$ 1,000.00	per load
			Operated Services - Fully Automated Call Processing (Per completed							
LWC	ОН	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.15	NA	NA	per call
			Operator Services - Operator Assisted Call Processing (Per work							
LWC	OH	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	NA	. NA	per work second
		00504700 6500 4056						4 000 00	4 000 00	
LWC	OH	OPERATOR SERVICES	Operator Services - Branding Initial/Subsequent Load per OS Switch	MCKMCO			NA ćo oza			per switch
LWC	ОН	OPERATOR SERVICES	Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per AT&T state/In-	WSK,WSQ			\$0.025	NA	NA	per call
LWC	ОН	OPERATOR SERVICES	, , , , , , , , , , , , , , , , , , ,				NA	\$ 2,200.00	NA	nor load
LVVC	UH	OPERATOR SERVICES	Region - Local and IntraLATA rates Operator Services - Rate Reference - Subsequent Load per AT&T				INA	\$ 2,200.00	INA	per load
LWC	ОН	OPERATOR SERVICES	state/In-Region - Local and IntraLATA rates				NA	. NA	\$ 1,000.00	per load
LVVC	Un	OPERATOR SERVICES	Wholesale Complete-measured Line-Port with Loop-Business				INA	IN/A	\$ 1,000.00	perioau
LWC	ОН	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$27.50			per line
LVVC	OII	EWCALINATE	Wholesale Complete-measured Line-Port with Loop-Business	WSK	OSKBA		\$27.50			per lille
LWC	ОН	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$29.00			per line
LVVC	011	EWCALIKATE	Wholesale Complete-measured Line-Port with Loop-Business	WSK	OSINDA		\$25.00			per inte
LWC	ОН	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$30.25			per line
LIVE	011	EWOKETOTE	Wholesale Complete-measured Line-Port with Loop-Residence	vv3K	OSINDA		750.25			per inie
LWC	ОН	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$28.00	,		per line
20	0	211 0.12 10.112	Wholesale Complete-measured Line-Port with Loop-Residence		0511101		\$20.00			per inic
LWC	ОН	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$29.00	,		per line
20	0	2110/12/10/12	Wholesale Complete-measured Line-Port with Loop-Residence		0511151		\$23.00			per inic
LWC	ОН	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$30.00			per line
LWC	OH	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		720.00	\$7.50		per LSR
LWC	OH	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW			\$50.00		per LSR
LWC	ОН	LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015	,		MOU
LWC	OH	LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.0015			MOU
LWC	ОН	OTHER CHARGES	Service Order Expedite Request - per incident	• •				200.00		per incident
LWC	ОН	OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP				\$75.00	per incident
LWC	ОН	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W				\$25.00	per incident
LWC	ОН	OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV				\$25.00	per incident
LWC	ОН	OTHER CHARGES	Duplicate Bill	WSK,WSQ	OBMDW				\$25.00	•
LWC	ОН	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50			per line

400,000 - 449	1 999	WC Lit	e Volume	Pricing	Tier

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
Attachment	State	Product	Wholesale Complete-measured Line-Port with Loop-Business	COS (Class of Service)	USUC	Zone	Charge (MRC)	FIRST	Additional	Per Unit
LWC	ОК	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RBX		\$27.50	\$0.00	\$0.00	nos lino
LVVC	UK	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Business		USKBX		\$27.50	\$0.00	\$0.00	per line
LWC	ОК	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RBX		\$29.00	\$0.00	\$0.00	per line
LVVC	OK	EWCALKATE	Wholesale Complete-measured Line-Port with Loop-Business		OJNBA		\$29.00	\$0.00	\$0.00	per inte
LWC	ОК	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RBX		\$30.25	\$0.00	\$0.00	per line
LWC	OK	EWCALIATE	Wholesale Complete-measured Line-Port with Loop-Residence		OSKBA		Ş30.23	\$0.00	Ç0.00	per inte
LWC	ОК	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RRX		\$28.00	\$0.00	\$0.00	per line
2000	- OK	EVVC/CIVITE	Wholesale Complete-measured Line-Port with Loop-Residence		OSITION		720.00	\$0.00	\$0.00	per inic
LWC	ОК	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RRX		\$29.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence				7-0.00	70.00	70.00	p =
LWC	ОК	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RRX		\$30.00	\$0.00	\$0.00	per line
LWC	OK	OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX		\$3.50		\$0.00	per port
LWC	OK	OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX		\$3.50		\$0.00	per port
LWC	ОК	LWC USAGE	Originating		ZZUWC		\$0.001500		NA	MOU
LWC	OK	LWC USAGE	Terminating		ZZUWC		\$0.001500		NA	MOU
LWC	OK	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB		NA NA		\$0.00	per LSR
LWC	OK	SERVICE ORDER CHARGES	Manual Service Order Charge				NA	\$50.00	\$0.00	per LSR
LWC	OK	OTHER CHARGES	Line Class Code - One-way Optional Extended Area		OLKOX		\$1.00	\$0.00	\$0.00	·
LWC	OK	OTHER CHARGES	Service Order Expedite Request - per incident					200.00	\$0.00	per incident
LWC	OK	OTHER CHARGES	Bill Inquiry (per claim)				NA	\$25.00	\$0.00	per claim
LWC	OK	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)				NA	\$25.00	\$0.00	per incident
LWC	OK	OTHER CHARGES	Duplicate CABS Bill Charge				NA	\$25.00	\$0.00	per incident
LWC	OK	OTHER CHARGES	Flat Rate False Dispatch Charge				NA	\$75.00	\$0.00	per incident
LWC	OK	OTHER CHARGES	False Tech Dispatch				NA	\$75.00	\$0.00	per incident
LWC	OK	ALTERNATELY BILLED TRAFFIC (ABT)	Accounts Receivable Discount Off Retail Tariff		280		30.00%	NA	NA	
LWC	OK	ALTERNATELY BILLED TRAFFIC (ABT)	Billing & Collect Credit per message		280		\$0.00	NA	NA	per message
LWC	OK	DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3		\$0.37	NA	NA	per call
LWC	OK	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7		\$0.15		NA	per call
LWC	OK	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5		\$0.37		NA	per call
LWC	OK	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB		\$0.37		NA	per call
LWC	OK	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		ZZUO8		\$0.37		NA	per call
LWC	OK	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service				\$2.00		NA	per call
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding Initial/Subsequent Load		NRBDG		NA			per line
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding per Call		ZZUCB		\$0.002500		NA	per call
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance -Rate Reference-Initial Load		NRBDL		NA	. ,	NA	per LSR
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load		NRBDM		NA	\$1,000.00	NA	per claim
			Non-List, No-Pub, Foreign, enhanced, additional, alternate or other							
LWC	OK	DIRECTORY LISTINGS	special listing type							
			Operated Services-Fully Automated Call Processing (Per Completed							
LWC	OK	OPERATOR SERVICES	automated call)		ZZUO1		\$0.15	NA	NA	per completed call
1146	01/	ODEDATOR CALL PROCESSIAIS	Operator Services-Operator Assisted Call Processing (per work		771103		¢0.020000			are an invested a sea
LWC	OK	OPERATOR CALL PROCESSING	second)		ZZUO2		\$0.020000	NA	NA	per incident
	011	00504700 65004056						44 000 00	44 000 00	
LWC	OK	OPERATOR SERVICES	Operator Services - Facilities Based Branding Initial/Subsequent Load Operator Services - Facilities Based Branding - Per Call (Line # based.		NRBDG		NA	\$1,800.00	\$1,800.00	per load
			When unbundled switching is used or when more than one brand							
LWC	ОК	DRANDING ODERATOR CALL PROCESSING			ZZUCB		\$0.025000	\$0.00	814	nor incident
LVVC	UK	BRANDING - OPERATOR CALL PROCESSING	G required on same trunk group)		ZZUCB	+	\$0.025000	\$0.00	NA	per incident
LWC	ОК	OPERATOR SERVICES	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL		NA	\$2,200.00	NA	per load
LVVC	UK	OI ENATOR SERVICES	Operator Services - Facilities Based Rate Reference - Subsequent		INIVDUL		INA	92,200.00	INA	per ioau
LWC	ОК	OPERATOR SERVICES	Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load
LVVC	JK	OF ENVIOR SERVICES	nater Load of Neference Load	l .	IAIVODIAI		INA	71,000.00	INA	per ioau

Contract Id: 8623511

							•	Non-Recurring	-	
							Recurring	Charge (NRC)	Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC)	First	Additional	Per Unit
			Operator Services - Facilities Based Rate Reference - Subsequent							
LWC	OK	BRANDING - OPERATOR CALL PROCESS	ING Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	_	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	TX	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RBX		\$27.50	\$0.00	\$0.00	per line
20	.,,	2110112	(2.166.176 2) 21, 2020 12, 32, 2020)		0011571		ψ27.50	φσ.σσ	φο.σσ	per inic
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	TX	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RBX		\$29.00	\$0.00	\$0.00	per line
LWC	TX	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)		U5RBX		\$30.25	\$0.00	\$0.00	per line
			Whatestark Consider managed time Book with Lang Basidana							
1146	T)/	LINGALBATE	Wholesale Complete-measured Line-Port with Loop-Residence		LIEDDY		620.00	60.00	60.00	
LWC	TX	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RRX	1	\$28.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	TX	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RRX		\$29.00	\$0.00	\$0.00	per line
LWC	17	EWORLIWITE	(Effective 1/1/2013 12/31/2013)		OSITION		Ç25.00	\$0.00	\$0.00	per inic
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	TX	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RRX		\$30.00	\$0.00	\$0.00	per line
LWC	TX	OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX		\$3.50	\$0.00	\$0.00	per port
LWC	TX	OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX		\$3.50	\$0.00	\$0.00	per port
LWC	TX	LWC USAGE	Originating		ZZUWC		\$0.001500	NA NA	NA	MOU
LWC	TX	LWC USAGE	Terminating		ZZUWC		\$0.001500	NA NA	NA	MOU
LWC	TX	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB		NA	\$7.50	\$0.00	per LSR
LWC	TX	SERVICE ORDER CHARGES	Manual Service Order Charge				NA	\$50.00	\$0.00	per LSR
LWC	TX	OTHER CHARGES	Service Order Expedite Request - per incident				NA	200.00	\$0.00	per incident
LWC	TX	OTHER CHARGES	Bill Inquiry (per claim)				NA	\$25.00	\$0.00	per claim
LWC	TX	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)				NA	\$25.00	\$0.00	per incident
LWC	TX	OTHER CHARGES	Duplicate CABS Bill Charge				NA	\$25.00	\$0.00	per incident
LWC	TX	OTHER CHARGES	Flat Rate False Dispatch Charge				NA	\$75.00	\$0.00	per incident
LWC	TX	OTHER CHARGES	False Tech Dispatch				NA	\$75.00	\$0.00	per incident
LWC	TX	ALTERNATELY BILLED TRAFFIC	Accounts Receivable Discount Off Retail Tariff		280		30.00%	NA NA	NA	
LWC	TX	ALTERNATELY BILLED TRAFFIC	Billing & Collect Credit per message		280		\$0.00	NA	NA	per message
LWC	TX	DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3		\$0.37	NA	NA	per call
LWC	TX	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7		\$0.15	NA	NA	per port
LWC	TX		National DA (NDA) per call		ZZUO5		\$0.37		NA	per call
LWC	TX		Business Search Category (BCS) per call		ZZUOB		\$0.37		NA	per call
LWC	TX		Reverse Directory Assistance (RDA)		ZZUO8		\$0.37		NA	per call
LWC	TX		Directory Assistance Non-Pub Emergency Service				\$2.00		NA	per call
LWC	TX		Directory Assistance-Branding Initial/Subsequent Load		NRBDG		NA.		\$1,800.00	per line
LWC	TX		Directory Assistance-Branding per Call		ZZUCB	1	\$0.025000		NA	per call
LWC	TX		Directory Assistance -Rate Reference-Initial Load		NRBDL		NA		NA	per LSR
LWC	TX		Directory Assistance-Rate Reference-Subsequent Load		NRBDM		NA	\$1,000.00	NA	per load
LWC	TX	DIRECTORY LISTINGS	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type							
LWC	TX		Operated Services-Fully Automated Call Processing (Per Completed automated call) Operator Services-Operator Assisted Call Processing (per work		ZZUO1		\$0.15	NA	NA	per completed call
LWC	TX	OPERATOR CALL PROCESSING	Operator Services-Operator Assisted Call Processing (per work second)		ZZUO2		\$0.020000	NA NA	NA	per incident
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Facilities Based Branding Initial/Subsequent Load		NRBDG		NA	\$1,800.00	\$1,800.00	per load

Contract Id: 8623511

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone		Non-Recurring Charge (NRC) First	_	Per Unit
			Operator Services - Facilities Based Branding - Per Call (Line # based.							
			When unbundled switching is used or when more than one brand							
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	required on same trunk group)		ZZUCB		\$0.025000	\$0.00	NA	per call
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL		NA	\$2,200.00	NA	per load
			Operator Services - Facilities Based Rate Reference - Subsequent							
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

 $400,\!000$ - $449,\!999$ LWC Line Volume Pricing Tier

Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone	Monthly Recurring Charge (MRC)	_	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	WI	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 3.89	\$ 642.78		per record
LWC	WI	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.05			per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							
LWC	WI	DIRECTORY LISTINGS	special listing types							
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37			per call
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;							
LWC	WI	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00			per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							
LWC	WI	DIRECTORY ASSISTANCE	OS switch				\$0.00	,	1,800.00	per switch
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance-Branding-per call	WSK,WSQ			\$0.025			per call
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Initial Load				\$0.00			per load
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
			Operated Services-Fully Automated Call Processing (Per completed							
LWC	WI	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.15	\$0.00	\$0.00	per call
			Operator Services-Operator Assisted Call Processing (Per work							
LWC	WI	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	\$0.00	\$0.00	per work second
LWC	WI	OPERATOR SERVICES	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.00	,	1,800.00	per switch
LWC	WI	OPERATOR SERVICES	Operator Services-Branding Per call	WSK,WSQ			\$0.025			per call
LWC	WI	OPERATOR SERVICES	Operator Services-Rate Reference-Initial Load				\$0.00			per load
LWC	WI	OPERATOR SERVICES	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
LWC	WI	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$27.50	NA	NA	per line
LWC	WI	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$29.00	NA	NA	per line
LWC	WI	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$30.25	NA	NA	per line
20	•••	2110.1210.112	Wholesale Complete-measured Line-Port with Loop-Residence		0011571		ψ50.25			per inic
LWC	WI	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$28.00	NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	WI	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$29.00	NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							r
LWC	WI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$30.00	NA	NA	per line
LWC	WI	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB	1	NA		\$0.00	per LSR
LWC	WI	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW	1	\$0.00		\$0.00	per LSR
LWC	WI	LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015			MOU
LWC	WI	LWC USAGE	Terminating	WSK,WSQ	ZZUWC	1	\$0.0015	NA		MOU
LWC	WI	OTHER CHARGES	Service Order Expedite Request - per incident					200.00		per incident
LWC	WI	OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP	1		\$75.00		per incident
LWC	WI	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W	1	\$0.00		\$0.00	per incident
LWC	WI	OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV		\$0.00		\$0.00	per incident
LWC	WI	OTHER CHARGES	Duplicate CABS Bill charge	WSK,WSQ	OBMDW	1	\$0.00		\$0.00	
LWC	WI	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50			per line

450,000 - 499,999 LWC Line Volume Pricing Tier

		T.		т.	ı		1	T		
							Monthly Recurring	Non-Recurring Charge (NRC)	Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC)	First	Additional	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	AR	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RBX		\$27.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	AR	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RBX		\$28.50	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	AR	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RBX		\$29.75	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence					4	4	
LWC	AR	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RRX		\$27.75	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence					4	4	
LWC	AR	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RRX		\$28.75	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	AR	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RRX		\$29.75	\$0.00	\$0.00	per line
LWC	AR	OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX		\$3.50	\$0.00	\$0.00	per port
LWC		OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX		\$3.50	\$0.00	\$0.00	per port
LWC	AR	LWC USAGE	Originating		ZZUWC		\$0.001500	NA	NA	MOU
LWC	AR	LWC USAGE	Terminating		ZZUWC		\$0.001500	NA	NA	MOU
LWC		OPTIONAL EAS FUNCTIONALITY	Line Class Code - One-way Optional Extended Area		OLKOX		\$3.00		\$0.00	per line
LWC		SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB		NA		\$0.00	per order
LWC		SERVICE ORDER CHARGES	Manual Service Order Charge				NA		\$0.00	per LSR
LWC	AR	OTHER CHARGES	Service Order Expedite Request - per incident				NA		\$0.00	per incident
LWC		OTHER CHARGES	Bill Inquiry (per claim)				NA		\$0.00	per claim
LWC		OTHER CHARGES	Non-EFI (electronic funds interface/transfer)				NA		\$0.00	per incident
LWC		OTHER CHARGES	Duplicate CABS Bill Charge				NA		\$0.00	per incident
LWC		OTHER CHARGES	Flat Rate False Dispatch Charge				NA		\$0.00	per incident
LWC		OTHER CHARGES	False Tech Dispatch				NA		\$0.00	per incident
LWC		ALTERNATELY BILLED TRAFFIC	Accounts Receivable Discount Off Retail Tariff		280		30.00%		NA	
LWC		ALTERNATELY BILLED TRAFFIC	Billing & Collect Credit per message		280		\$0.00		NA	per message
LWC		DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3		\$0.37		NA	per call
LWC		DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7		\$0.15		NA	per call
LWC	AR	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5		\$0.37	NA	NA	per call
LWC		DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB		\$0.37	NA	NA	per call
LWC		DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		ZZUO8		\$0.37		NA	per call
LWC		DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service				\$2.00		NA	per call
LWC	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding Initial/Subsequent Load		NRBDG		NA do casaca		\$1,800.00	per load
LWC	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding per Call		ZZUCB		\$0.025000		NA	per call
LWC	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance -Rate Reference-Initial Load		NRBDL		NA		NA	per load
LWC	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load		NRBDM		NA	\$1,000.00	NA	per load
11110		DIRECTORYLICTINGS	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other							
LWC	AR	DIRECTORY LISTINGS	special listing type			1				
		00504700 0444 0000555440	Operated Services-Fully Automated Call Processing (Per Completed		771104		46 :-			
LWC	AR	OPERATOR CALL PROCESSING	automated call)		ZZUO1		\$0.15	NA	NA	per completed call
		00504700 0444 000 5	Operator Services-Operator Assisted Call Processing (per work				40			, .
LWC	AR	OPERATOR CALL PROCESSING	second)		ZZUO2		\$0.020000	NA	NA	per work second
			Operator Services - Facilities Based Branding Initial/Subsequent					A4		, .
LWC	AR	BRANDING - OPERATOR CALL PROCESSING			NRBDG		NA	\$1,800.00	\$1,800.00	per load
			Operator Services - Facilities Based Branding - Per Call (Line #							
			based. When unbundled switching is used or when more than one							
LWC	AR	BRANDING - OPERATOR CALL PROCESSING	brand required on same trunk group)		ZZUCB	1	\$0.025000	\$0.00	NA	per call
								**		
LWC	AR	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL		NA	\$2,200.00	NA	per load
			Operator Services - Facilities Based Rate Reference - Subsequent					4		
LWC	AR	BRANDING - OPERATOR CALL PROCESSING	Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

 $450,\!000$ - $499,\!999$ LWC Line Volume Pricing Tier

								1		
Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First		Per Unit
LWC	CA	LWCALRate	Residential (Effective 1/1/2018 - 12/31/2018)				27.75			
LWC	CA	LWCALRate	Residential (Effective 1/1/2019 - 12/31/2019)				28.75			
LWC	CA	LWCALRate	Residential (Effective 1/1/2019 - 12/31/2019) Residential (Effective 1/1/2020 - 12/31/2020)				29.75			
LWC	CA	LWCALRate	Business (Effective 1/1/2018 - 12/31/2018)				27.00			
LWC	CA	LWCALRate	Business (Effective 1/1/2019 - 12/31/2019)				28.50			
LWC	CA	LWCALRate	Business (Effective 1/1/2019 - 12/31/2019) Business (Effective 1/1/2020 - 12/31/2020)				29.75			
LWC	CA	LWC USAGE	Residential				0.0015			per LWCAL, calculated per end office per billing period
LWC	CA	EWC OSAGE	Residencial				0.0013			per LWCAL, calculated per end
										office per billing
LWC	CA	LWC USAGE	Business			1	0.0015			period
LWC	CA	OPTIONAL SERVICES	Privacy Manager® - Residential		1	1	3.50			Line
LWC	CA	OPTIONAL SERVICES	Privacy Manager® - Business				3.50			Line
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance per call - Residential				0.37			
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance per call - Business				0.37	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call - Residential National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per				0.37	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	call - Business				0.37	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call - Residential				0.15	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call - Business				0.15	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Residential Directory Assistance Non-Pub Emergency Service – per				2.00	NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	call - Business				2.00	NA	NA	Call
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Residential				NA	1800.00	1800.00	OS Switch
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Business				NA	1800.00	1800.00	OS Switch
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Residential				0.025	NA	NA	Call
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Business Directory Assistance - Rate Reference Initial Load per				0.025	NA	NA	Call
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	state/In-Region – Local and IntraLATA rates - Residential				NA	2200.00	NA	State/In-Region
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state/In-Region — Local and IntraLATA rates - Business Directory Assistance - Rate Reference Subsequent Load				NA	2200.00	NA	State/In-Region
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	per state/In-Region – Local and IntraLATA rates - Residential				NA	NA	1000.00	State/In-Region

PRICING SHEETS EXHIBIT A 450,000 - 499,999 LWC Line Volume Pricing Tier

Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First		Per Unit
			Directory Assistance - Rate Reference Subsequent Load							
		DRAMBING BURGETONY ASSISTANCE	per state/In-Region – Local and IntraLATA rates -						1000.00	c: . /. 5 ·
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Business				NA	NA	1000.00	State/In-Region
			Non-List, Non-Pub, Foreign, enhanced, additional,							
LWC	CA	DIRECTORY LISITINGS	alternate or other special listing types - Residential							
-			0.7							
			Non-List, Non-Pub, Foreign, enhanced, additional,							
LWC	CA	DIRECTORY LISITINGS	alternate or other special listing types - Business							
			Operated Services - Fully Automated Call Processing							Completed
LWC	CA	OPERATOR CALL PROCESSING	(Per completed automated call) - Residential				0.15	NA	NA	automated call
			Outside of Complete College Assessment of College Construction							Commission
LWC	CA	OPERATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per completed automated call) - Business				0.15	NA	NA	Completed automated call
LVVC	CA	OPERATOR CALL PROCESSING	Operator Services - Operator Assisted Call Processing				0.15	INA	INA	automateu can
LWC	CA	OPERATOR CALL PROCESSING	(Per work second) - Residential				0.02	NA	NA	Work second
20	0.1	0.510.1.01.0.10.155.1.10.055911.0	Operator Services - Operator Assisted Call Processing				0.02			Work second
LWC	CA	OPERATOR CALL PROCESSING	(Per work second) - Business				0.02	NA	NA	Work second
			Operator Services - Branding Initial/Subsequent Load							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING					NA	1800.00	1800.00	OS Switch
			Operator Services - Branding Initial/Subsequent Load							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	per OS Switch - Business				NA	1800.00	1800.00	OS Switch
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Residential				0.025	NA	NA	Call
LWC	CA	PRANDING OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Business				0.025	NA	NA	Call
LVVC	CA	BRANDING - OF ERATOR CALL PROCESSING	Operator Services - Branding Fer Call - Business Operator Services - Rate Reference - Initial Load per				0.023	INA	IVA	Call
			state/In-Region – Local and IntraLATA rates -							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	=				NA	2200.00	NA	State/In-Region
-										,
			Operator Services - Rate Reference - Initial Load per							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	state/In-Region – Local and IntraLATA rates - Business				NA	2200.00	NA	State/In-Region
			Operator Services - Rate Reference - Subsequent Load							
			per state/In-Region – Local and IntraLATA rates -							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING					NA	NA	1000.00	State/In-Region
			Operator Services - Rate Reference - Subsequent Load							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	per state/In-Region – Local and IntraLATA rates -				NA	NA	1000.00	State/In-Region
LWC	CA	SERVICE ORDER CHARGES	Electronic Service Order				INA	7.50	1000.00	LSR
LWC	CA	SERVICE ORDER CHARGES	Manual Service Order					50.00		LSR
LWC	CA	OTHER CHARGES	Service Order Expedite Request - per incident					200.00		Incident
LWC	CA	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)						25.00	Incident
LWC	CA	OTHER CHARGES	Duplicate Bill						25.00	Incident
LWC	CA	OTHER CHARGES	False Technician Dispatch (CLEC Fault)						75.00	Incident
LWC	CA	OTHER CHARGES	Non-EFT payment or credit						25.00	Incident
			ABT Billing and Collection, per message fee -				_			
LWC	CA	ALTERNATELY BILLED TRAFFIC	Residential				0.05			Message
LWC	CA	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee - Business				0.05			Message
LVVC	CA	ALILINIVATELT BILLED TRAFFIC	AD F Dilling and Collection, per message ree - Business				0.05			iviessage

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PRICING SHEETS EXHIBIT A

 $450,\!000$ - $499,\!999$ LWC Line Volume Pricing Tier

-							III.			1
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	_	Per Unit
LWC	IL	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$3.65	\$ 713.33		per record
LWC	IL	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$0.05			per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							
LWC	IL	DIRECTORY LISTINGS	special listing types							
LWC	IL	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	IL	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;							
LWC	IL		Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37		\$0.00	per call
LWC	IL		Directory Assistance Non-Pub Emergency Service - per call				\$2.00)		per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							
LWC	IL		OS switch				\$0.00	,	1,800.00	per switch
LWC	IL		Directory Assistance-Branding-per call	WSK,WSQ			\$0.025			per call
LWC	IL		Directory Assistance-Rate Reference Initial Load				\$0.00			per load
LWC	IL	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	\$0.00	\$1,000.00	per load
			Operated Services-Fully Automated Call Processing (Per completed							
LWC	IL	OPERATOR SERVICES	automated call)	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
			Operator Services-Operator Assisted Call Processing (Per work							
LWC	IL	OPERATOR SERVICES	second)	WSK,WSQ			\$0.02	\$0.00	\$0.00	per work second
								4	4	
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.00	\$1,800.00	\$1,800.00	per switch
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Branding Per call	WSK,WSQ			\$0.025	;		per call
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Rate Reference-Initial Load				\$0.00	\$2,200.00		per load
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00	\$1,000.00	per load
LWC	IL	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$27.00) NA	NA	per line
LVVC	IL.		Wholesale Complete-measured Line-Port with Loop-Business	VVSIC	OSINDA		\$27.00	, INA	IVA	per inte
LWC	IL	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	USRBX		\$28.50	NA NA	NA	per line
Live		EVVOILENTE	Wholesale Complete-measured Line-Port with Loop-Business	VVSIC	USINDA		\$20.50	10/	1471	per inic
LWC	IL	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$29.75	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence	-						P -
LWC	IL	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$27.75	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							,
LWC	IL	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$28.75	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	IL	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$29.75	NA NA	NA	per line
LWC	IL	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		NA	\$7.50	\$0.00	per LSR
LWC	IL	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		\$0.00	\$50.00	\$0.00	per LSR
LWC	IL		Originating	WSK,WSQ	ZZUWC		\$0.0015		NA	MOU
LWC	IL	LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.0015		NA	MOU
LWC	IL		Service Order Expedite Request - per incident					200.00	\$0.00	per incident
LWC	IL		False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP			\$75.00	\$0.00	per incident
LWC	IL		Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W	1	\$0.00		\$0.00	per incident
LWC	IL		Non-EFT payment or credit	WSK,WSQ	N3RVV	1	\$0.00		\$0.00	per incident
LWC	IL		Duplicate CABS Bill charge	WSK,WSQ	OBMDW	1	\$0.00		\$0.00	
LWC	IL	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50	NA NA	NA	per line

 $450,\!000$ - $499,\!999$ LWC Line Volume Pricing Tier

Attachment S	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring N Charge (NRC)	_	Per Unit
LWC	IN E	911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 3.55			per record
		ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.05		-	per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other				7 0.00			
LWC	IN [DIRECTORY LISTINGS	special listing types							
LWC		DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	7 \$0.00	\$0.00	per call
LWC	IN [DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;	, ,						•
LWC	IN [DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	IN [DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00)		per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							
LWC	IN [DIRECTORY ASSISTANCE	OS switch				\$0.00	1,800.00	1,800.00	per switch
LWC	IN [DIRECTORY ASSISTANCE	Directory Assistance-Branding-per call	WSK,WSQ			\$0.025	5		per call
LWC	IN [DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Initial Load				\$0.00	\$ 2,200.00		per load
LWC	IN [DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
			Operated Services-Fully Automated Call Processing (Per completed							
LWC	IN C	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.15	\$0.00	\$0.00	per call
			Operator Services-Operator Assisted Call Processing (Per work							
LWC	IN C	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	\$0.00	\$0.00	per work second
		OPERATOR SERVICES	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.00	,	1,800.00	per switch
		OPERATOR SERVICES	Operator Services-Branding Per call	WSK,WSQ			\$0.025			per call
		OPERATOR SERVICES	Operator Services-Rate Reference-Initial Load				\$0.00			per load
LWC	IN (OPERATOR SERVICES	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	IN L	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$27.00) NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	IN L	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$28.50) NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	IN L	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$29.75	5 NA	NA	per line
		W64 84TF	Wholesale Complete-measured Line-Port with Loop-Residence		LIEDOV		407.7			
LWC	IN L	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018) Wholesale Complete-measured Line-Port with Loop-Residence	WSQ	U5RRX		\$27.75	NA NA	NA	per line
LWC	IN L	WCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$28.75	NA NA	NA	per line
LVVC	IIN L	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Residence	W3Q	UJKKX		\$20.73) INA	INA	per inte
LWC	IN L	WCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$29.75	NA NA	NA	per line
		SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		\$23.75 NA		\$0.00	
		SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ WSK,WSQ	N3RVW		\$0.00		\$0.00	
		LWC USAGE	Originating	WSK,WSQ WSK,WSQ	ZZUWC		\$0.001		30.00 NA	•
		LWC USAGE	Terminating	WSK,WSQ WSK,WSQ	ZZUWC		\$0.001		NA NA	
		OTHER CHARGES	Service Order Expedite Request - per incident	,			Ç0.301	200.00	\$0.00	
		OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP	+		\$75.00	\$0.00	•
		OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ WSK,WSQ	BCZ1W		\$0.00		\$0.00	
		OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV	1	\$0.00		\$0.00	
		OTHER CHARGES	Duplicate CABS Bill charge	WSK,WSQ	OBMDW		\$0.00		\$0.00	•
		OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO	1	\$3.50		NA	

PRICING SHEETS EXHIBIT A 450,000 - 499,999 LWC Line Volume Pricing Tier

		П		ı			T	T		
Attachment	State	Product		OS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 -							
LWC	KS	LWCALRATE	12/31/2018)		U5RBX		\$27.00	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 -				400 50	40.00	40.00	
LWC	KS	LWCALRATE	12/31/2019) Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 -		U5RBX		\$28.50	\$0.00	\$0.00	per line
LWC	KS	LWCALRATE	12/31/2020)		U5RBX		\$29.75	\$0.00	\$0.00	nor line
LVVC	KS	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 -		USKBX		\$29.75	\$0.00	\$0.00	per line
LWC	KS	LWCALRATE	12/31/2018)		U5RRX		\$27.75	\$0.00	\$0.00	per line
LVVC	N3	EWCALIATE	Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 -		OSINIX		\$27.75	Ş0.00	Ş0.00	per inte
LWC	KS	LWCALRATE	12/31/2019)		U5RRX		\$28.75	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 -				7-0	70.00	70.00	p =
LWC	KS	LWCALRATE	12/31/2020)		U5RRX		\$29.75	\$0.00	\$0.00	per line
LWC	KS	OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX		\$3.50	\$0.00	\$0.00	per port
LWC	KS	OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX		\$3.50	\$0.00	\$0.00	per port
LWC	KS	LWC USAGE	Originating		ZZUWC		\$0.001500	NA	NA	MOU
LWC	KS	LWC USAGE	Terminating		ZZUWC		\$0.001500	NA	NA	MOU
LWC	KS	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB		NA	\$7.50	\$0.00	
LWC	KS	SERVICE ORDER CHARGES	Manual Service Order Charge				NA	\$50.00	\$0.00	per LSR
LWC	KS	OTHER CHARGES	Service Order Expedite Request - per incident					200.00	\$0.00	per claim
LWC	KS	OTHER CHARGES	Bill Inquiry (per claim)				NA	\$25.00	\$0.00	per claim
LWC	KS	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)				NA	\$25.00	\$0.00	per incident
LWC	KS	OTHER CHARGES	Duplicate CABS Bill Charge				NA	\$25.00	\$0.00	per incident
LWC	KS	OTHER CHARGES	Flat Rate False Dispatch Charge				NA	\$75.00	\$0.00	per incident
LWC		OTHER CHARGES	False Tech Dispatch				NA			per incident
LWC		ALTERNATELY BILLED TRAFFIC (ABT)	Accounts Receivable Discount Off Retail Tariff		280		30.00%			
LWC		ALTERNATELY BILLED TRAFFIC (ABT)	Billing & Collect Credit per message		280		\$0.00			per message
LWC		DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3		\$0.37			per call
LWC		DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7		\$0.15			per call
LWC		DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5		\$0.37			per call
LWC		DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB		\$0.37			per call
LWC	KS	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		ZZUO8		\$0.37	NA		per call
LWC		DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service				\$2.00			per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance-Branding Initial/Subsequent Load		NRBDG		NA	, ,	. ,	per load
LWC		DIRECTORY ASSISTANCE	Directory Assistance-Branding per Call		ZZUCB		\$0.025000			per call
LWC		DIRECTORY ASSISTANCE	Directory Assistance -Rate Reference-Initial Load		NRBDL		NA			per load
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load		NRBDM		NA	\$1,000.00	NA	per load
LWC	KS	DIRECTORY LISTINGS	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type							
LWC	KS	OPERATOR SERVICES	Operated Services-Fully Automated Call Processing (Per Completed automated call)		ZZUO1		\$0.15	NA	NA	per completed call
LWC	KS	OPERATOR SERVICES	Operator Services-Operator Assisted Call Processing (per work second)		ZZUO2		\$0.020000	NA	NA	per work second
LWC	KS	OPERATOR SERVICES	Operator Services - Facilities Based Branding Initial/Subsequent Load		NRBDG		NA	\$1,800.00	\$1,800.00	per load
			Operator Services - Facilities Based Branding - Per Call (Line # based. When unbundled				4			
LWC	KS	OPERATOR SERVICES	switching is used or when more than one brand required on same trunk group)		ZZUCB		\$0.025000			per call
LWC	KS	OPERATOR SERVICES	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL		NA	\$2,200.00	NA	per load
		00504700 0504405	Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or					44.005		
LWC	KS	OPERATOR SERVICES	Reference Load		NRBDM		NA	\$1,000.00	NA	per load

 $450,\!000$ - $499,\!999$ LWC Line Volume Pricing Tier

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Mate Product Mate Product State Product Mate State Product Mate State Mate State Mate State Mate Mate State Mate Mat								Monthly	Non-Recurring I	Non-Recurring	
WWC MM SPEI								Recurring	Charge (NRC)	Charge (NRC)	
INC	Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC)	First	Additional	Per Unit
WC M DIECTORY USTINOS Special interfree provided provided interfree provided interfree provided interfree provided provided interfree prov	LWC	MI	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9\$89X		\$ 3.93			per record
INVC MI DIRCTORY ASSISTANCE Directory Assistance, per call WSK,WSQ S.0.07 S.0.00 S.0.00 per call WSK,WSQ S.0.07 S.0.00 S.0.00 per call WSK,WSQ S.0.07 S.0.00 S.0.00 per call WSK,WSQ S.0.00 S.0.00 per call WSK,WSQ S.0.00 S.0.00 per call WSK,WSQ S.0.00 S.0.00 S.0.00 per call WSK,WSQ S.0.00 S.0.00 per call WSK,WSQ S.0.00 S.0.00 S.0.00 per call WSK,WSQ S.0.00 S.0.00 S.0.00 per call WSK,WSQ S.0.00 S.0.0	LWC	MI	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.05			per message
WVC M DIRECTORY ASSISTANCE Directory Assistance, per call WSK,WSQ S0.07 S0.00 S0.00 per call WSK,WSQ S0.00 per call WSK,WSQ S0.00 S0.00 per call WSK,WSQ S0.00 S0.00 per call WSK,WSQ S0.00				Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							
INC. MI DIRECTORY ASSISTANCE Storough Assistance Call Completion (DAC) - per call WSK,WSQ S,0.00 S,0.00 S,0.00 per call WSK,WSQ S,0.00		MI		, ,,,							
National Da (Nota) per call; Business search Category (EGS) per call; WSK,WSQ S.0.17 S.0.00 S.0.01 per call; WSK,WSQ S.0.17 S.0.00 S.0.01 per call; WSK,WSQ S.0.17 S.0.00 S.0.01 per call; WSK,WSQ S.0.02 S.0.00 S.0.00 per call; WSK,WSQ S.0.02 S.0.00 S.0.00 per call; WSK,WSQ S.0.02 S.0.00 S.0.00 S.0.00 per call; WSK,WSQ S.0.02 S.0.00				,							per call
LWC MI DIRECTORY ASSISTANCE Reverse Directory Assistance (ROA) per call WSK,WSQ S.2.00 S.0.00 per call LWC MI DIRECTORY ASSISTANCE Directory Assistance Parading- Order - Initial/Subsequent Load per Call WSK,WSQ S.0.00 S.0.00 per call LWC MI DIRECTORY ASSISTANCE Directory Assistance Branding- per call WSK,WSQ S.0.00 S.0.00 S.0.00 per load WSK,WSQ S.0.00 S.0.00 S.0.00 per load WSK,WSQ S.0.00 S.0.00 S.0.00 per load WSK,WSQ S.0.00 S.0.00 S.0.00 S.0.00 per load WSK,WSQ S.0.00	LWC	MI	DIRECTORY ASSISTANCE		WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
MVC											
LIVC MI DIRECTORY ASSISTANCE Oswitch South South 1,800.00 1,8					WSK,WSQ					\$0.00	
LWC MI DIRECTORY ASSISTANCE OS SWItch SOUR SOUR 1,800.00 1,800.00 per switch	LWC	MI	DIRECTORY ASSISTANCE	, , , ,				\$2.00)		per call
LIVC MI DIRECTORY ASSISTANCE Directory Assistance Firanding per call WSK,WSQ S.0.025 per call LIVC MI DIRECTORY ASSISTANCE Directory Assistance After Reference Subsequent Load S.0.00 S.0.00 S.0.00 per load S.0.00 S.0.00 S.0.00 per load S.0.00 S.0.00 S.0.00 per load S.0.00 S.0.00 S.0.00 per load S.0.00				, , , , , , , , , , , , , , , , , , , ,							
LWC MI DRECTORY ASSISTANCE Directory Assistance—hate Reference Initial Load									,	1,800.00	'
LWC MI OPERATOR SERVICES Operator Services-Puly Automated Call Processing (Per completed WSK,WSQ S 0.05 0.000				,	WSK,WSQ						
LWC MI OPERATOR SERVICES automated call Processing (Per completed WSK,WSQ S 0.15 S 0.00 S 0.00 per call				,						4 400000	
LWC MI OPERATOR SERVICES Automated call Operator Services-Operator Assisted Call Processing (Per work S 0.15 S 0.00 S 0.00 per work second	LWC	IVII	DIRECTORY ASSISTANCE					\$0.00	\$0.00	\$ 1,000.00	per load
LWC MI OPERATOR SERVICES Operator Services-Operator Assisted Call Processing (Per work WSK,WSQ S 0.02 S 0.00 \$0.00 per work second	1146		ODED ATOD CEDVICES	, , , , , , , , , , , , , , , , , , , ,	MCK MCO			ć 0.45	¢0.00	ć0.00	
LWC MI OPERATOR SERVICES Second WSK,WSQ S 0.02 S 0.00 S 0.00 per work second	LWC	IVII	OPERATOR SERVICES		WSK,WSQ			\$ 0.15	\$0.00	\$0.00	per call
LWC MI OPERATOR SERVICES Operator Services-Branding Initial/Subsequent Load per OS Switch So.00 1,800.00 1,800.00 per switch	LVAC	N.41	ODEDATOR SERVICES		MCK MCO			ć 0.03	¢0.00	¢0.00	man want assaud
LWC MI OPERATOR SERVICES Operator Services-Branding Per call WSK,WSQ S0.025 Operator Services Age Reference-Initial Load S0.00 S 2,00.00 Per load S0.00 S 2,00.00 S 2,00.00 Per load S0.00 S 2,00.00 S 2,00.00 Per load S0.00 S 2,00.00 S 2,00.00 S 2,00.00 Per load S0.00 S 2,00.00 S 2,	LVVC	IVII	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	\$0.00	\$0.00	per work second
LWC MI OPERATOR SERVICES Operator Services-Branding Per call WSK,WSQ S0.025 Operator Services Age Reference-Initial Load S0.00 S 2,00.00 Per load S0.00 S 2,00.00 S 2,00.00 Per load S0.00 S 2,00.00 S 2,00.00 Per load S0.00 S 2,00.00 S 2,00.00 S 2,00.00 Per load S0.00 S 2,00.00 S 2,	IMC	MI	ODERATOR SERVICES	Operator Services Pranding Initial/Subsequent Lead per OS Switch				\$0.00	1 800 00	1 900 00	nor switch
LWC MI OPERATOR SERVICES Operator Services-Rate Reference-Initial Load So.00 \$ 2,200.00 per load				1 0 1 1	WSK WSO					1,800.00	
LWC MI				, .	***************************************						
LWC MI LWCAL RATE (Effective 1/1/2018 - 12/31/2018) WSK USRBX S27.00 NA NA Per line				,					, ,	\$ 1,000,00	
LWC MI LWCAL RATE (Effective 1/1/2018 - 12/31/2018) WSK USRBX \$27.00 NA NA per line	Live	14.11	OT ENVIOUSERVICES	· ·				\$0.00	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7 1,000.00	perioda
LWC MI LWCAL RATE (Effective 1/1/2019 - 12/31/2019) WSK USRBX S28.50 NA NA per line	LWC	МІ	LWCAL RATE	,	WSK	USRBX		\$27.00	NA NA	NA	per line
LWC MI LWCAL RATE (Effective 1/1/2019 - 12/31/2019) WSK USRBX S28.50 NA NA per line								7=::::			po:o
Wholesale Complete-measured Line-Port with Loop-Business WSK USRBX \$29.75 NA NA per line	LWC	MI	LWCAL RATE	·	WSK	U5RBX		\$28.50	NA NA	NA	per line
LWC MI								,			
LWC MI LWCAL RATE (Effective 1/1/2018 - 12/31/2018) WSQ USRRX \$27.75 NA NA Per line Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019) WSQ USRRX \$28.75 NA NA Per line Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019) WSQ USRRX \$28.75 NA NA Per line Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020) WSQ USRRX \$29.75 NA NA Per line LWC MI LWCAL RATE (Effective 1/1/2019 - 12/31/2019) WSQ USRRX \$29.75 NA NA Per line LWC MI SERVICE ORDER CHARGES Electronic Service Order WSK,WSQ NRFWB NA \$7.50 \$0.00 per LSR LWC MI SERVICE ORDER CHARGES Manual Service Order charge WSK,WSQ NSRVW \$0.00 \$50.00 \$0.00 per LSR LWC MI LWC USAGE Originating WSK,WSQ ZZUWC \$0.0015 NA NA MOU LWC MI LWC USAGE Terminating WSK,WSQ ZZUWC \$0.0015 NA NA MOU LWC MI OTHER CHARGES Service Order Expedite Request - per incident LWC MI OTHER CHARGES Bill Inquiry/Dispute (Charges sustained) WSK,WSQ BCZIW \$0.00 \$25.00 \$0.00 per incident LWC MI OTHER CHARGES Duplicate CABS Bill charge WSK,WSQ NSRVW \$0.00 \$25.00 \$0.00 per incident LWC MI OTHER CHARGES Duplicate CABS Bill charge WSK,WSQ OBMDW \$0.00 \$25.00 \$0.00 per incident	LWC	MI	LWCAL RATE	·	WSK	U5RBX		\$29.75	NA NA	NA	per line
Wholesale Complete-measured Line-Port with Loop-Residence LWC MI LWCAL RATE (Effective 1/1/2019 - 12/31/2019) WSQ USRRX \$28.75 NA NA Per line Wholesale Complete-measured Line-Port with Loop-Residence WSQ USRRX \$29.75 NA NA Per line LWC MI SERVICE ORDER CHARGES Electronic Service Order WSK,WSQ NRFWB NA \$7.50 \$0.00 Per LSR WSK,WSQ ZZUWC \$0.0015 NA NA MA MOU LWC MI LWC USAGE Terminating WSK,WSQ ZZUWC \$0.0015 NA NA MA MOU LWC MI OTHER CHARGES Service Order Expedite Request - per incident LWC MI OTHER CHARGES Bill Inquiry/Dispute (Charges sustained) WSK,WSQ BC21W \$0.00 \$25.00 \$0.00 Per incident LWC MI OTHER CHARGES Non-EFT payment or credit WSK,WSQ N3RVV \$0.00 \$25.00 \$0.00 Per incident LWC MI OTHER CHARGES Duplicate CABS Bill charge WSK,WSQ OBMDW \$0.00 \$25.00 \$0.00 Per incident				Wholesale Complete-measured Line-Port with Loop-Residence							·
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LWC MI LWCAL RATE (Effective 1/1/2020 - 12/31/2020) WSQ USRRX \$29.75 NA NA Per line LWC MI SERVICE ORDER CHARGES Electronic Service Order WSK,WSQ NRFWB NA \$7.50 \$0.00 per LSR LWC MI SERVICE ORDER CHARGES Manual Service Order charge WSK,WSQ NRFWB NA \$7.50 \$0.00 per LSR LWC MI LWC USAGE Originating WSK,WSQ ZZUWC \$0.001 NA NA MOU LWC MI LWC USAGE Terminating WSK,WSQ ZZUWC \$0.001 NA NA MOU LWC MI OTHER CHARGES Service Order Expedite Request - per incident LWC MI OTHER CHARGES Bill Inquiry/Dispute (Charges sustained) WSK,WSQ BC21W \$0.00 \$25.00 \$0.00 per incident LWC MI OTHER CHARGES Non-EFT payment or credit WSK,WSQ N3RVV \$0.00 \$25.00 \$0.00 per incident LWC MI OTHER CHARGES Duplicate CABS Bill charge WSK,WSQ N3RVV \$0.00 \$25.00 \$0.00 per incident LWC MI OTHER CHARGES Duplicate CABS Bill charge				Wholesale Complete-measured Line-Port with Loop-Residence							·
LWCMILWCAL RATE(Effective 1/1/2020 - 12/31/2020)WSQU5RRX\$29.75NANAper lineLWCMISERVICE ORDER CHARGESElectronic Service OrderWSK,WSQNRFWBNA\$7.50\$0.00per LSRLWCMISERVICE ORDER CHARGESManual Service Order chargeWSK,WSQN3RVW\$0.00\$50.00\$0.00per LSRLWCMILWC USAGEOriginatingWSK,WSQZZUWC\$0.0015NANAMAMOULWCMILWC USAGETerminatingWSK,WSQZZUWC\$0.0015NANAMOULWCMIOTHER CHARGESService Order Expedite Request - per incidentWSK,WSQZZUWC\$0.0015NANAMOULWCMIOTHER CHARGESService Order Expedite Request - per incidentWSK,WSQBCZ1W\$0.00\$0.00per incidentLWCMIOTHER CHARGESBill Inquiry/Dispute (Charges sustained)WSK,WSQN3RVV\$0.00\$25.00\$0.00per incidentLWCMIOTHER CHARGESNon-EFT payment or creditWSK,WSQN3RVV\$0.00\$25.00\$0.00per incidentLWCMIOTHER CHARGESDuplicate CABS Bill chargeWSK,WSQOBMDW\$0.00\$25.00\$0.00	LWC	MI	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$28.75	NA NA	NA	per line
LWC MI SERVICE ORDER CHARGES Electronic Service Order WSK,WSQ NRFWB NA \$7.50 \$0.00 per LSR LWC MI SERVICE ORDER CHARGES Manual Service Order charge WSK,WSQ N3RVW \$0.00 \$50.00 \$0.00 per LSR LWC MI LWC USAGE Originating WSK,WSQ ZZUWC \$0.0015 NA NA MOU LWC MI LWC USAGE Terminating WSK,WSQ ZZUWC \$0.0015 NA NA MOU LWC MI OTHER CHARGES Service Order Expedite Request - per incident LWC MI OTHER CHARGES Bill Inquiry/Dispute (Charges sustained) WSK,WSQ BCZIW \$0.00 \$25.00 \$0.00 per incident LWC MI OTHER CHARGES Non-EFT payment or credit WSK,WSQ N3RVV \$0.00 \$25.00 \$0.00 per incident LWC MI OTHER CHARGES Duplicate CABS Bill charge WSK,WSQ OBMDW \$0.00 \$25.00 \$0.00 per incident				Wholesale Complete-measured Line-Port with Loop-Residence							
LWC MI SERVICE ORDER CHARGES Manual Service Order charge WSK,WSQ N3RVW \$0.00 \$50.00 \$0.00 per LSR LWC MI LWC USAGE Originating WSK,WSQ ZZUWC \$0.0015 NA NA MOU LWC MI LWC USAGE Terminating WSK,WSQ ZZUWC \$0.0015 NA NA MOU LWC MI OTHER CHARGES Service Order Expedite Request - per incident WSK,WSQ BC21W \$0.00 \$0.00 per incident LWC MI OTHER CHARGES Bill Inquiry/Dispute (Charges sustained) WSK,WSQ BC21W \$0.00 \$25.00 \$0.00 per incident LWC MI OTHER CHARGES Non-EFT payment or credit WSK,WSQ N3RVV \$0.00 \$25.00 \$0.00 per incident LWC MI OTHER CHARGES Duplicate CABS Bill charge WSK,WSQ OBMDW \$0.00 \$25.00 \$0.00	LWC	MI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$29.75	NA NA	NA	per line
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LWC MI OPTIONAL SERVICES Privacy Manager WSK,WSQ WHO \$3.50 NA NA per line					·						
	LWC	MI	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50	NA NA	NA	per line

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450,000 -	499.9	99 L	$M \subset L$	line.	v oiume	Pricing	Hier

Attachment State Product Rate Element Description COS (Class of Service) USOC Zone Office (Cospe) (MICE) Cospe (MICE) Cosp				, , , , , , , , , , , , , , , , , , ,						
UNC MO	Attachment	State	Product	'	USOC	Zone	Recurring	Charge (NRC)	Charge (NRC)	Per Unit
WYORLAND WASABATE Wholesed Complete measured line Port with Loop Residence USRBX \$28.50 \$0.00 \$0.00 per line Wholesed Complete measured line Port with Loop Residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete measured line Port with Loop Residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete measured line Port with Loop Residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete measured line Port with Loop Residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete residence USRBX \$27.75 \$0.00 \$0.00 per line Wholesed Complete				· · · · · · · · · · · · · · · · · · ·						
LWC MO	LWC	MO	LWCALRATE		U5RBX		\$27.00	\$0.00	\$0.00	per line
Windows Complete measured lune-port with Loop Desidence USBRX \$20.75 \$0.00 \$0.00 per line USBRX \$20.75 \$0.00 \$0.00 per line USBRX \$20.75 \$0.00 \$0.00 per line USBRX \$27.75 \$0.00 \$0.00 per line USBRX \$28.75 \$0.00 \$0.00 per line USBRX \$0.00 per line				· · · · · · · · · · · · · · · · · · ·						
LWC MO LWCALDATE Effective 1/1/2000 1/21/2000 USBAX 59.7% 50.00 50.00 per line 1/21/2001 USBAX 59.7% 50.00 per line 1/21/2001 USBAX 59.7% 50.00 50.00 per line 1/21/2001 USBAX 59.7% S0.00 USBAX S0.00 S0.00 per line 1/21/2001 USBAX S0.00 USBAX S0.00 USBAX S0.00 USBAX S0.00 USBAX S0.00 USBAX S	LWC	MO	LWCALRATE		U5RBX		\$28.50	\$0.00	\$0.00	per line
WORLANT Windows Complete measured line-Port with Loop-Residence USHIX S77.75 S0.00 S0.00 per line IMC MO WICALRATE Windows Complete measured line-Port with Loop-Residence USHIX S28.75 S0.00 S0.00 per line Windows Complete measured line-Port with Loop-Residence USHIX S28.75 S0.00 S0.00 per line Windows Complete measured line-Port with Loop-Residence USHIX S28.75 S0.00 S0.00 per line Windows Complete measured line-Port with Loop-Residence USHIX S2.875 S0.00 S0.00 per line Windows Complete										
LWC MO LWCALBATE Effective 1/1/2018 - 12/1/2018] USBRX 52.77\$ 50.00 per line	LWC	MO	LWCALRATE		U5RBX		\$29.75	\$0.00	\$0.00	per line
Web Work W				· · · · · · · · · · · · · · · · · · ·						
INC	LWC	MO	LWCALRATE		U5RRX		\$27.75	\$0.00	\$0.00	per line
WC MO WCALRATE Willer				· · · · · · · · · · · · · · · · · · ·						
LWC MO OPTIONAL SERVICES Princey Manager per Port Seulines UKERX \$3.50 Per Inc.	LWC	MO	LWCALRATE		U5RRX		\$28.75	\$0.00	\$0.00	per line
LWC MO				· · · · · · · · · · · · · · · · · · ·						
LWC MO LWC USASE Originating ZZUWC S0.001500 MOU									\$0.00	
LWC MO										
LWC MO SERVICE DIDBRE CHARGES Electronic Service Order NITYMB NA \$7.5.0 \$5.00 per LSR				, , ,						
LWC MO SERVICE ORDER CHARGES Electronic Service Order Service Order Charge NA \$57.50 \$0.00 per LSR										
WVC MO OTHER CHARGES Manual Service Order Charge NA \$50.00 \$0.00 per LSR				·						
LWC MO OTHER CHARGES Service Order Expedite Request - per Incident No S20,000 Per Incident LWC MO OTHER CHARGES Bill Inquiry/Dispute (Inquiry) (Expedit (Inquiry) (Inquir					NRFWB				,	
INV. MO OTHER CHARGES Bill Inquiry/Dispute (charges sustained) NA \$25.00 \$0.00 per incident							NA			
MVC MO OTHER CHARGES Non-EFT payment or credit NA \$25.00 \$0.00 per incident									,	
LWC MO OTHER CHARGES Duplicate Bill NA \$22,00 \$0.00 per incident NA \$75,00 \$0.00 per incident NA NA Per call NA Per call NA Per call NA NA Per call										
LWC MO OTHER CHARGES Flat Rate False Dispatch Charge NA \$75.00 \$0.00 per incident										
LIVC MO OTHER CHARGES False Technician Dispatch Rough ST, 50,0 SD,00 per incident				Duplicate Bill						per incident
LWC MO ALTERNATELY BILLED TRAFFIC Accounts Receivable Discount Off Retail Trafff 280 30.00% NA NA LWC MO ALTERNATELY BILLED TRAFFIC ARD Billing and Collection, per message fee 280 50.00 Der message LWC MO DIRECTORY ASSISTANCE Directory Assistance (DA) blended Rate for 1 22U03 \$0.37 NA NA per call LWC MO DIRECTORY ASSISTANCE Directory Assistance (DA) blended Rate for 1 22U07 \$0.15 NA NA per call LWC MO DIRECTORY ASSISTANCE National DA (No.D) per call 22U05 \$0.37 NA NA per call LWC MO DIRECTORY ASSISTANCE Business Search Category (BCS) per call 22U08 \$0.37 NA NA per call LWC MO DIRECTORY ASSISTANCE Business Search Category (BCS) per call 22U08 \$0.37 NA NA per call LWC MO DIRECTORY ASSISTANCE Directory Assistance Park (BCA) 22U08 \$0.03 NA NA <td></td> <td>MO</td> <td></td> <td>Flat Rate False Dispatch Charge</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>per incident</td>		MO		Flat Rate False Dispatch Charge						per incident
LIVIC MO ALTERNATELY BILLED TRAFFIC ABT Billing and Collection, per message fee LIVIC MO DIRECTORY ASSISTANCE Directory Assistance (DA) blended Rate for 1 LIVIC MO DIRECTORY ASSISTANCE Directory Assistance (Call Completed in (DACC) per call LIVIC MO DIRECTORY ASSISTANCE National DA (NOA) per call LIVIC MO DIRECTORY ASSISTANCE National DA (NOA) per call LIVIC MO DIRECTORY ASSISTANCE National DA (NOA) per call LIVIC MO DIRECTORY ASSISTANCE National DA (NOA) per call LIVIC MO DIRECTORY ASSISTANCE Reverse Directory Assistance (RDA) LIVIC MO DIRECTORY ASSISTANCE Reverse Directory ASSISTANCE Per call LIVIC MO DIRECTORY ASSISTANCE DIrectory ASSISTANCE DIrectory ASSISTANCE National DA (NOA) per call LIVIC MO BRANDING - DIRECTORY ASSISTANCE NETWORK DIRECTORY ASSISTANCE DIrectory ASSISTANCE DIrectory ASSISTANCE NETWORK DIRECTORY A	LWC	MO		False Technician Dispatch					\$0.00	per incident
LWC MO DIRECTORY ASSISTANCE Directory Assistance (DA) blended Rate for 1 LWC MO DIRECTORY ASSISTANCE Directory Assistance CBI Completeon (DACC) per call LWC MO DIRECTORY ASSISTANCE National DA (NDA) per call LWC MO DIRECTORY ASSISTANCE National DA (NDA) per call LWC MO DIRECTORY ASSISTANCE National DA (NDA) per call LWC MO DIRECTORY ASSISTANCE National DA (NDA) per call LWC MO DIRECTORY ASSISTANCE National DA (NDA) per call LWC MO DIRECTORY ASSISTANCE National DA (NDA) per call LWC MO DIRECTORY ASSISTANCE National DA (NDA) per call LWC MO DIRECTORY ASSISTANCE National DA (NDA) per call LWC MO DIRECTORY ASSISTANCE National DA (NDA) per call LWC MO DIRECTORY ASSISTANCE National National DA (NDA) per call LWC MO BRANDING - DIRECTORY ASSISTANCE Directory Assistance Non-Pub Emergency Service National Nation	LWC	MO	ALTERNATELY BILLED TRAFFIC	Accounts Receivable Discount Off Retail Tariff	280		30.00%	NA	NA	
LWC MO DIRECTORY ASSISTANCE Directory Assistance Call Completeion (DACC) per call ZZUO7 Sp. 15 NA NA per call LWC MO DIRECTORY ASSISTANCE National DA (NDA) per call ZZUOS Sp. 37 NA NA Per call LWC MO DIRECTORY ASSISTANCE Business Search Category (BCS) per call ZZUOB Sp. 37 NA NA NA per call LWC MO DIRECTORY ASSISTANCE Reverse Directory Assistance (RDA) ZZUOB Sp. 37 NA NA NA per call LWC MO DIRECTORY ASSISTANCE Reverse Directory Assistance (RDA) ZZUOB Sp. 37 NA NA NA per call LWC MO DIRECTORY ASSISTANCE Reverse Directory Assistance (RDA) ZZUOB Sp. 37 NA NA NA per call LWC MO DIRECTORY ASSISTANCE Directory Assistance Parading intell/Subsequent Load NRBDG NA Sp. 800.00 Sp. 800.00 NA NA NA per call LWC MO BRANDING - DIRECTORY ASSISTANCE Directory Assistance - Rate Reference initial Load per AT&T state/in-NRBDL NA Sp. 800.00 NA NA NA Per load Directory Assistance - Rate Reference Subsequent Load per AT&T state/in-NRBDL NA NA NA Per load Directory Assistance - Rate Reference Subsequent Load per AT&T state/in-NRBDL NA NA NA NA Per load NA	LWC	MO		ABT Billing and Collection, per message fee						per message
LWC MO DIRECTORY ASSISTANCE National DA (NDA) per call UWC MO DIRECTORY ASSISTANCE Business Search Category (BCS) per call ZZUO8 S.0.37 NA NA Per call LWC MO DIRECTORY ASSISTANCE Reverse Directory Assistance (RDA) ZZUO8 S.0.37 NA NA NA per call LWC MO DIRECTORY ASSISTANCE Reverse Directory Assistance (RDA) ZZUO8 S.0.37 NA NA NA per call LWC MO DIRECTORY ASSISTANCE Directory Assistance Non-Pub Emergency Service S.2.00 NA NA PA PER call LWC MO BRANDING - DIRECTORY ASSISTANCE Directory Assistance Parading Initial/Subsequent Load NRBDG NA \$1,800.00 \$1,80	LWC	MO		Directory Assistance (DA) blended Rate for 1			\$0.37			per call
LWC MO DIRECTORY ASSISTANCE Business Search Category (BCS) per call LWC MO DIRECTORY ASSISTANCE Reverse Directory Assistance (RDA) LWC MO DIRECTORY ASSISTANCE Directory Assistance (RDA) LWC MO DIRECTORY ASSISTANCE Directory Assistance (RDA) LWC MO BRANDING - DIRECTORY ASSISTANCE DIrectory Assistance Branding Initial/Subsequent Load LWC MO BRANDING - DIRECTORY ASSISTANCE DIrectory Assistance - Branding per Call LWC MO BRANDING - DIRECTORY ASSISTANCE DIrectory Assistance - Branding per Call LWC MO BRANDING - DIRECTORY ASSISTANCE DIrectory Assistance - Branding per Call DIRECTORY ASSISTANCE DIRECTORY ASSISTANCE DIRECTORY ASSISTANCE Segion - Local and IntraLATA rates NRBDL NA \$2,200.00 NA NA Per load NA \$1,800.00 NA SL,200.00 NA Per load NA \$1,800.00 NA Per load NA \$1,000.00 NA Per load NA \$1,000.00 NA Per load DIRECTORY ASSISTANCE State/In-Region - Local and IntraLATA rates NRBDM NA NA \$1,000.00 NA NA Per completed call DIRECTORY LISTINGS Special listing type Directory Assistance - Branding Per Call DIRECTORY LISTINGS Operator Services-Operator Assisted Call Processing (Per work Special listing type Directory Assistance - Branding Initial/Subsequent Load NRBDG NA \$1,800.00 NA NA Per completed call NRBDG NA \$1,800.00 NA NA Per completed call NRBDG NA \$1,800.00 NA NA Per work second NRBDG NA \$1,800.00 NA NA Per call NRBDG NA \$1,800.00 NA NA	LWC	MO	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call						per call
LWC MO DIRECTORY ASSISTANCE Reverse Directory Assistance (RDA) LWC MO DIRECTORY ASSISTANCE Directory Assistance (RDA) LWC MO DIRECTORY ASSISTANCE Directory Assistance Non-Pub Emergency Service LWC MO BRANDING- DIRECTORY ASSISTANCE Directory Assistance - Branding Initial/Subsequent Load LWC MO BRANDING- DIRECTORY ASSISTANCE Directory Assistance - Branding per Call NA NA NA NA NA NA NA Per Call NA \$2,200.00 NA NA Per Call NA S2,200.00 NA NA Per Call NA S2,200.00 NA NA Per Call Directory Assistance - Branding per Call NA NA NA S1,000.00 Per Load NA NA S2,000.00 NA NA Per Completed Call NA NA NA S1,000.00 Per Completed Call Directory Assistance - Branding Per Call Directory Assistanc	LWC	MO	DIRECTORY ASSISTANCE	National DA (NDA) per call	ZZUO5		\$0.37		NA	per call
LWC MO DIRECTORY ASSISTANCE Directory Assistance Non-Pub Emergency Service	LWC	MO	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call	ZZUOB		\$0.37	NA	NA	per call
LWC MO BRANDING - DIRECTORY ASSISTANCE Directory Assistance - Branding Initial/Subsequent Load LWC MO BRANDING - DIRECTORY ASSISTANCE Directory Assistance - Branding per Call Directory Assistance - Rate Reference Initial Load per AT&T state/in- Region - Local and IntraLATA rates Directory Assistance - Rate Reference Subsequent Load per AT&T NRBDL NA \$2,200.00 NA per load NA \$1,000.00 per load NA \$1,000.00 per load NA \$1,000.00 per load NRBDM NA NA Per completed call NRBDM NA NA NA Per completed call	LWC	MO	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)	ZZUO8		\$0.37	NA	NA	per call
LWC MO BRANDING - DIRECTORY ASSISTANCE Directory Assistance - Branding per Call Directory Assistance - Rate Reference Initial Load per AT&T state/In- Region - Local and IntraLATA rates LWC MO BRANDING - DIRECTORY ASSISTANCE Region - Local and IntraLATA rates LWC MO BRANDING - DIRECTORY ASSISTANCE State/In-Region - Local and IntraLATA rates LWC MO DIRECTORY ASSISTANCE State/In-Region - Local and IntraLATA rates NRBDM NA NA \$1,000.00 per load NRBDM NA NA Per completed call ZZUO1 \$0.15 NA NA per completed call NRBDM NA NA Per completed call NRBDM NA NA Per completed call ZZUO2 \$0.020000 NA NA Per load NRBDM NA \$1,800.00 \$1,800.00 per load NRBDM NA S1,800.00 \$1,800.00 per load NRBDM NA S1,800.00 NA NA Per call NRBDM NA NA Per call NRBDM NA NA \$2,200.00 NA NA Per load NRBDM NA S2,200.00 NA NA Per load NRBDM NA S2,200.00 NA Per load NRBDM NA S2,200.00 NA Per load NRBDM NA S2,200.00 NA Per load	LWC	MO	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service			\$2.00	NA	NA	per call
LWC MO BRANDING - DIRECTORY ASSISTANCE Region - Local and IntraLATA rates LWC MO BRANDING - DIRECTORY ASSISTANCE Region - Local and IntraLATA rates LWC MO BRANDING - DIRECTORY ASSISTANCE State/In-Region - Local and IntraLATA rates NON-LIST, No-Pub, Foreign, enhanced, additional, alternate or other special listing type Operated Services-Fully Automated Call Processing (Per Completed automated Call Processing (Per work second) LWC MO OPERATOR CALL PROCESSING automated call Processing (per work second) LWC MO OPERATOR SERVICES Operator Services - Facilities Based Branding Initial/Subsequent Load LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates Operator Services - Rate Reference - Initial Load per AT&T state/In- Departor Services - Rate Reference - Subsequent Load Per AT&T NRBDL NA \$2,200.00 NA per load NRBDL NA \$2,200.00 NA per load	LWC	MO	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding Initial/Subsequent Load	NRBDG		NA	\$1,800.00	\$1,800.00	per load
LWC MO BRANDING - DIRECTORY ASSISTANCE Region - Local and IntraLATA rates NRBDL NA \$2,200.00 NA per load Directory Assistance - Rate Reference Subsequent Load per AT&T State/In-Region - Local and IntraLATA rates NRBDM NA NA \$1,000.00 per load Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type Operator Services-Fully Automated Call Processing (Per Completed automated Call Processing (Per Completed automated Call Processing (Per work LWC MO OPERATOR CALL PROCESSING automated Call Processing (per work LWC MO OPERATOR CALL PROCESSING second) LWC MO OPERATOR SERVICES Operator Services - Facilities Based Branding Initial/Subsequent Load NRBDG NA \$1,800.00 \$1,800.00 per load LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Branding Per call Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates NRBDL NA \$2,200.00 NA Per load Operator Services - Rate Reference - Subsequent Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates NRBDL NA \$2,200.00 NA Per load Operator Services - Rate Reference - Subsequent Load per AT&T state/In- Departor Services - Rate Reference - Subsequent Load per AT&T NRBDL NA \$2,200.00 NA Per load	LWC	МО	BRANDING - DIRECTORY ASSISTANCE		ZZUCB		\$0.025000	NA	NA	per call
LWC MO BRANDING - DIRECTORY ASSISTANCE state/In-Region - Local and IntraLATA rates Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type LWC MO DIRECTORY LISTINGS Special listing type Operated Services-Fully Automated Call Processing (Per Completed automated call) LWC MO OPERATOR CALL PROCESSING automated call) Processing (per work LWC MO OPERATOR CALL PROCESSING second) LWC MO OPERATOR SERVICES Operator Assisted Call Processing (per work LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Facilities Based Branding Initial/Subsequent Load LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates Operator Services - Facilities Based Branding Per call Operator Services - Branding Per call Operator Services - Rate Reference - Subsequent Load per AT&T NRBDM NA NA NA NA NA NA NA Per completed call ZZU01 \$0.15 NA NA NA Per completed call ZZU02 \$0.020000 NA NA NA Per load NRBDG NA \$1,800.00 \$1,800.00 Per load NRBDG NA \$1,800.00 \$1,800.00 Per load NRBDG NA NA NA Per call NRBDL NA \$2,200.00 NA Per load Operator Services - Rate Reference - Subsequent Load per AT&T				Directory Assistance - Rate Reference Initial Load per AT&T state/In-		1				
LWC MO DIRECTORY ASSISTANCE state/In-Region - Local and IntraLATA rates NRBDM NA NA \$1,000.00 per load NON-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type UWC MO DIRECTORY LISTINGS special listing type Operated Services-Fully Automated Call Processing (Per Completed automated call) LWC MO OPERATOR CALL PROCESSING automated call) Operator Services-Operator Assisted Call Processing (per work second) LWC MO OPERATOR CALL PROCESSING second) NA NA per completed call LWC MO OPERATOR SERVICES Operator Services - Facilities Based Branding Initial/Subsequent Load NRBDG NA \$1,800.00 \$1,800.00 per load LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates NRBDL NA \$2,200.00 NA per load Operator Services - Rate Reference - Subsequent Load per AT&T	LWC	MO	BRANDING - DIRECTORY ASSISTANCE		NRBDL		NA	\$2,200.00	NA	per load
Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type Operated Services-Fully Automated Call Processing (Per Completed automated call) LWC MO OPERATOR CALL PROCESSING automated call) Operator Services-Operator Assisted Call Processing (per work LWC MO OPERATOR CALL PROCESSING second) LWC MO OPERATOR SERVICES Operator Services - Facilities Based Branding Initial/Subsequent Load LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates Operator Services - Rate Reference - Subsequent Load per AT&T NRBDL NA \$2,200.00 NA per load Operator Services - Rate Reference - Subsequent Load per AT&T				Directory Assistance - Rate Reference Subsequent Load per AT&T						
LWC MO DIRECTORY LISTINGS special listing type UWC MO OPERATOR CALL PROCESSING automated Call Processing (Per Completed automated Call Processing (per work second) LWC MO OPERATOR CALL PROCESSING second) LWC MO OPERATOR SERVICES Operator Services - Facilities Based Branding Initial/Subsequent Load LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates Operator Services - Rate Reference - Subsequent Load per AT&T NRBDL NA \$2,200.00 NA per load Operator Services - Rate Reference - Subsequent Load per AT&T	LWC	MO	BRANDING - DIRECTORY ASSISTANCE	state/In-Region - Local and IntraLATA rates	NRBDM		NA	NA	\$1,000.00	per load
UWC MO OPERATOR CALL PROCESSING automated call) Operator Services-Operator Assisted Call Processing (per work LWC MO OPERATOR CALL PROCESSING second) LWC MO OPERATOR SERVICES Operator Services - Facilities Based Branding Initial/Subsequent Load LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates Operator Services - Rate Reference - Subsequent Load per AT&T Operator Services - Rate Reference - Subsequent Load per AT&T NRBDL NRBDL NA \$2,200.00 NA NA per completed call ZZUCB \$0.025000 NA NA per call NRBDL NA \$2,200.00 NA Per load Operator Services - Rate Reference - Subsequent Load per AT&T Operator Services - Rate Reference - Subsequent Load per AT&T				Non-List, No-Pub, Foreign, enhanced, additional, alternate or other		1				
LWC MO OPERATOR CALL PROCESSING automated call) Operator Services-Operator Assisted Call Processing (per work LWC MO OPERATOR CALL PROCESSING second) LWC MO OPERATOR SERVICES Operator Services - Facilities Based Branding Initial/Subsequent Load NRBDG NA \$1,800.00 \$1,800.00 per load NRBDG NA \$1,800.00 \$1,800.00 per load LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates Operator Services - Rate Reference - Subsequent Load per AT&T Operator Services - Rate Reference - Subsequent Load per AT&T Operator Services - Rate Reference - Subsequent Load per AT&T	LWC	MO	DIRECTORY LISTINGS							
LWC MO OPERATOR CALL PROCESSING Services - Operator Assisted Call Processing (per work second) LWC MO OPERATOR SERVICES Operator Services - Facilities Based Branding Initial/Subsequent Load NRBDG NA \$1,800.00 \$1,800.00 per load LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates NRBDL NA \$2,200.00 NA per load Operator Services - Rate Reference - Subsequent Load per AT&T				Operated Services-Fully Automated Call Processing (Per Completed		1				\neg
LWC MO OPERATOR CALL PROCESSING second) LWC MO OPERATOR SERVICES Operator Services - Facilities Based Branding Initial/Subsequent Load NRBDG NA \$1,800.00 \$1,800.00 per load LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Branding Per call ZZUCB \$0.025000 NA NA Per call LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates NRBDL NA \$2,200.00 NA per load Operator Services - Rate Reference - Subsequent Load per AT&T NRBDL NA \$2,200.00 NA per load	LWC	MO	OPERATOR CALL PROCESSING	,	ZZUO1	<u> </u>	\$0.15	NA	NA	per completed call
LWC MO OPERATOR SERVICES Operator Services - Facilities Based Branding Initial/Subsequent Load NRBDG NA \$1,800.00 \$1,800.00 per load LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per AT&T state/In- Region - Local and IntraLATA rates NRBDL NA \$2,200.00 NA per load Operator Services - Rate Reference - Subsequent Load per AT&T				Operator Services-Operator Assisted Call Processing (per work		1				
LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates Operator Services - Rate Reference - Subsequent Load per AT&T Operator Services - Rate Reference - Subsequent Load per AT&T Operator Services - Rate Reference - Subsequent Load per AT&T	LWC	MO	OPERATOR CALL PROCESSING	second)	ZZUO2		\$0.020000	NA	NA	per work second
LWC MO BRANDING - OPERATOR CALL PROCESSING Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates Operator Services - Rate Reference - Subsequent Load per AT&T Operator Services - Rate Reference - Subsequent Load per AT&T Operator Services - Rate Reference - Subsequent Load per AT&T						1				\neg
Operator Services - Rate Reference - Initial Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates NRBDL NA \$2,200.00 NA per load Operator Services - Rate Reference - Subsequent Load per AT&T	LWC	MO	OPERATOR SERVICES	Operator Services - Facilities Based Branding Initial/Subsequent Load	NRBDG		NA	\$1,800.00	\$1,800.00	per load
Operator Services - Rate Reference - Initial Load per AT&T state/In- LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates NRBDL NA \$2,200.00 NA per load Operator Services - Rate Reference - Subsequent Load per AT&T						1				
LWC MO BRANDING - OPERATOR CALL PROCESSING Region - Local and IntraLATA rates NRBDL NA \$2,200.00 NA per load Operator Services - Rate Reference - Subsequent Load per AT&T 0 0 0 0 0	LWC	МО	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call	ZZUCB		\$0.025000	NA	NA	per call
Operator Services - Rate Reference - Subsequent Load per AT&T				Operator Services - Rate Reference - Initial Load per AT&T state/In-		1				
	LWC	МО	BRANDING - OPERATOR CALL PROCESSING		NRBDL		NA	\$2,200.00	NA	per load
				Operator Services - Rate Reference - Subsequent Load per AT&T		1				
	LWC	MO	BRANDING - OPERATOR CALL PROCESSING		NRBDM		NA	\$1,000.00	NA	per load

450,000 - 499,999 LWC Line Volume Pricing Tier

Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone	Monthly Recurring Charge (MRC)		Non-Recurring Charge (NRC) Additional	Per Unit
LWC	NV	LWCALRate	Residential (Effective 1/1/2018 - 12/31/2018)				27.75			
LWC	NV	LWCALRate	Residential (Effective 1/1/2019 - 12/31/2019)				28.75			
LWC	NV	LWCALRate	Residential (Effective 1/1/2020 - 12/31/2020)				29.75			
LWC	NV	LWCALRate	Business (Effective 1/1/2018 - 12/31/2018)				27.00			
LWC	NV	LWCALRate	Business (Effective 1/1/2019 - 12/31/2019)				28.50			
LWC	NV	LWCALRate	Business (Effective 1/1/2020 - 12/31/2020)				29.75			
LWC	NV	LWC USAGE	Residential				0.0015			per LWCAL, calculated per end office per billing period per LWCAL, calculated per end
										office per billing
LWC	NV	LWC USAGE	Business				0.0015			period
LWC	NV	OPTIONAL SERVICES	Privacy Manager® - Residential				3.50			Line
LWC	NV	OPTIONAL SERVICES	Privacy Manager® - Business				3.50			Line
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance per call - Residential				0.37	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance per call - Business				0.37	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call - Residential National DA (NDA) per call; Business Search Category				0.37	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	(BCS) per call; Reverse Directory Assistance (RDA) per call - Business Directory Assistance Call Completion (DACC) - per call -				0.37	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Residential Directory Assistance Call Completion (DACC) - per call - Residential				0.15	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Business Directory Assistance Can Completion (DACC) - per can- Business Directory Assistance Non-Pub Emergency Service – per				0.15	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	call - Residential Directory Assistance Non-Pub Emergency Service – per				2.00	NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	call - Business				2.00	NA	NA	Call
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Residential Directory Assistance - Branding - Initial/Subsequent				NA	1800.00	1800.00	OS Switch
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Load per OS switch - Business				NA	1800.00	1800.00	OS Switch
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Residential				0.025	NA	NA	Call
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Business Directory Assistance - Rate Reference Initial Load per state/In-Region – Local and IntraLATA rates -				0.025	NA	NA	Call
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Residential Directory Assistance - Rate Reference Initial Load per				NA	2200.00	NA	State/In-Region
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	state/In-Region – Local and IntraLATA rates - Business Directory Assistance - Rate Reference Subsequent Load				NA	2200.00	NA	State/In-Region
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	per state/In-Region – Local and IntraLATA rates - Residential				NA	NA	1000.00	State/In-Region

PRICING SHEETS EXHIBIT A 450,000 - 499,999 LWC Line Volume Pricing Tier

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone	Monthly Recurring Charge (MRC)	Charge (NRC)	Non-Recurring Charge (NRC) Additional	Per Unit
			Directory Assistance - Rate Reference Subsequent Load per state/In-Region – Local and IntraLATA rates -							
LWC	NV		Business				NA	NA	1000.00	State/In-Region
LVVC	INV	BRANDING - DIRECTORT ASSISTANCE	Dusiness				INA	INA	1000.00	State/III-Negion
			Non-List, Non-Pub, Foreign, enhanced, additional,							
LWC	NV	DIRECTORY ASSISTANCE	alternate or other special listing types - Residential							
			8 7/							
LWC	NV	DIRECTORY ASSISTANCE	Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other special listing types - Business							
			. 57							
			Operated Services - Fully Automated Call Processing							Completed
LWC	NV	OPERATOR CALL PROCESSING	(Per completed automated call) - Residential				0.15	NA	NA	automated call
			Operated Services - Fully Automated Call Processing							Completed
LWC	NV	OPERATOR CALL PROCESSING	(Per completed automated call) - Business				0.15	NA	NA	automated call
			Operator Services - Operator Assisted Call Processing							
LWC	NV	OPERATOR CALL PROCESSING	(Per work second) - Residential				0.02	NA	NA	Work second
			Operator Services - Operator Assisted Call Processing							
LWC	NV	OPERATOR CALL PROCESSING	(Per work second) - Business				0.02	NA	NA	Work second
1146	N IV (DRANDING OREDATOR CALL PROCESSING	Operator Services - Branding Initial/Subsequent Load					4000.00	1000.00	OC Controls
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Initial/Subsequent Load				NA	1800.00	1800.00	OS Switch
LWC	NV	BRANDING - OPERATOR CALL PROCESSING					NA	1800.00	1800.00	OS Switch
LVVC	INV	BRAINDING - OPERATOR CALL PROCESSING	per O3 Switch - Business				INA	1800.00	1800.00	O3 SWILCII
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Residential				0.025	NA	NA	Call
20		STREET, TO	operator services standing reveal residential				0.023			ou
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Business				0.025	NA	NA	Call
			Operator Services - Rate Reference - Initial Load per							
			state/In-Region – Local and IntraLATA rates -							
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Residential				NA	2200.00	NA	State/In-Region
			Operator Services - Rate Reference - Initial Load per							
LWC	NV		state/In-Region – Local and IntraLATA rates - Business				NA	2200.00	NA	State/In-Region
			Operator Services - Rate Reference - Subsequent Load							
			per state/In-Region – Local and IntraLATA rates -							
LWC	NV	BRANDING - OPERATOR CALL PROCESSING					NA	NA	1000.00	State/In-Region
			Operator Services - Rate Reference - Subsequent Load							
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	per state/In-Region – Local and IntraLATA rates -				NA	NA	1000.00	State/In-Region
LWC	NV		Electronic Service Order				INA	7.50		LSR
LWC	NV		Manual Service Order			1		50.00		LSR
LWC	NV		Service Order Expedite Request - per incident			1		200.00		Incident
LWC	NV		Bill Inquiry/Dispute (Charges sustained)						25.00	Incident
LWC	NV		Duplicate Bill						25.00	Incident
LWC	NV		False Technician Dispatch (CLEC Fault)						75.00	Incident
LWC	NV	OTHER CHARGES	Non-EFT payment or credit						25.00	Incident
			ABT Billing and Collection, per message fee -					-		-
LWC	NV	ALTERNATELY BILLED TRAFFIC	Residential				0.05			Message
LWC	NV	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee - Business			<u> </u>	0.05			Message

 $450,\!000$ - $499,\!999$ LWC Line Volume Pricing Tier

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	_	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	ОН	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 5.60	\$ 709.49		per record
LWC	ОН	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.05			per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							
LWC	ОН	DIRECTORY LISTINGS	special listing types							
LWC	ОН	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	NA	NA NA	per call
LWC	ОН	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	NA	. NA	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;							
LWC	ОН	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37	NA		per call
LWC	ОН	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00	NA	. NA	per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							
LWC	OH	DIRECTORY ASSISTANCE	OS switch				NA	,		per switch
LWC	ОН	DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call	WSK,WSQ			\$0.025	NA	. NA	per call
			Directory Assistance - Rate Reference Initial Load per AT&T state/In-							
LWC	OH	DIRECTORY ASSISTANCE	Region - Local and IntraLATA rates				NA	\$ 2,200.00	NA	per load
			Directory Assistance - Rate Reference Subsequent Load per AT&T							
LWC	OH	DIRECTORY ASSISTANCE	state/In-Region - Local and IntraLATA rates				NA	NA	\$ 1,000.00	per load
			Operated Services - Fully Automated Call Processing (Per completed							
LWC	OH	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.15	NA	NA	per call
			Operator Services - Operator Assisted Call Processing (Per work							
LWC	OH	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	NA	NA	per work second
LWC	OH	OPERATOR SERVICES	Operator Services - Branding Initial/Subsequent Load per OS Switch	14/G// 14/G			NA fo oas	,		per switch
LWC	ОН	OPERATOR SERVICES	Operator Services - Branding Per call	WSK,WSQ			\$0.025	NA	NA	per call
LVAC	011	ODEDATOR CERVICES	Operator Services - Rate Reference - Initial Load per AT&T state/In-				N/A	¢ 2200.00	N/A	non lood
LWC	ОН	OPERATOR SERVICES	Region - Local and IntraLATA rates Operator Services - Rate Reference - Subsequent Load per AT&T				NA	\$ 2,200.00	NA	per load
LWC	011	OPERATOR SERVICES							ć 1000.00	and and
LWC	ОН	OPERATOR SERVICES	state/In-Region - Local and IntraLATA rates Wholesale Complete-measured Line-Port with Loop-Business				NA	NA	\$ 1,000.00	per load
LWC	ОН	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$27.00			per line
LWC	UH	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Business	WSK	USKBX		\$27.00			per line
LWC	ОН	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$28.50			per line
LVVC	ОП	LWCAL KATE	Wholesale Complete-measured Line-Port with Loop-Business	W3K	USKBA		\$20.50			per line
LWC	ОН	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$29.75			per line
LWC	OII	EWCALIATE	Wholesale Complete-measured Line-Port with Loop-Residence	WSK	OSINDA		\$25.75			per inte
LWC	ОН	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	USRRX		\$27.75			per line
LWC	OII	EWCALIATE	Wholesale Complete-measured Line-Port with Loop-Residence	W3Q	OSITION		\$27.73			per inic
LWC	ОН	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$28.75			per line
2,100	511	- CONTRACTOR IN THE	Wholesale Complete-measured Line-Port with Loop-Residence	1134	Janua	1	720.73			per inte
LWC	ОН	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	USRRX		\$29.75			per line
LWC	OH	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		\$25.75	\$7.50		per LSR
LWC	OH	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW			\$50.00		per LSR
LWC	OH	LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015	750.00		MOU
LWC	OH	LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.0015			MOU
LWC	OH	OTHER CHARGES	Service Order Expedite Request - per incident	,			75.3025	200.00		per incident
LWC	OH	OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP			200.00	\$75.00	per incident
LWC	OH	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W				\$25.00	per incident
LWC	ОН	OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV				\$25.00	per incident
LWC	ОН	OTHER CHARGES	Duplicate Bill	WSK,WSQ	OBMDW				\$25.00	
LWC	ОН	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50			per line

 $450,\!000$ - $499,\!999$ LWC Line Volume Pricing Tier

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First		Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business				4	40.00		
LWC	OK	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RBX		\$27.00	\$0.00	\$0.00	per line
LWC	OK	LWCALDATE	Wholesale Complete-measured Line-Port with Loop-Business		U5RBX		¢20 F0	\$0.00	\$0.00	nou line
LVVC	OK	LWCALRATE	(Effective 1/1/2019 - 12/31/2019) Wholesale Complete-measured Line-Port with Loop-Business		USKBX		\$28.50	\$0.00	\$0.00	per line
LWC	ОК	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RBX		\$29.75	\$0.00	\$0.00	per line
LVVC	OK	EWCALKATE	Wholesale Complete-measured Line-Port with Loop-Residence		USINDA		\$25.75	\$0.00	\$0.00	per inte
LWC	ОК	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RRX		\$27.75	\$0.00	\$0.00	per line
LVVC	OK	EWCALIATE	Wholesale Complete-measured Line-Port with Loop-Residence		OSINIX		\$27.73	\$0.00	Ç0.00	per inte
LWC	ОК	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RRX		\$28.75	\$0.00	\$0.00	per line
20		2000 1210 112	Wholesale Complete-measured Line-Port with Loop-Residence		0311111		Ψ20.73	φσ.σσ	φσ.σσ	per inic
LWC	ОК	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RRX		\$29.75	\$0.00	\$0.00	per line
LWC	OK	OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX		\$3.50	\$0.00	\$0.00	per port
LWC	OK	OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX		\$3.50	\$0.00	\$0.00	per port
LWC	ОК	LWC USAGE	Originating		ZZUWC		\$0.001500	NA	NA	MOU
LWC	ОК	LWC USAGE	Terminating		ZZUWC		\$0.001500	NA	NA	MOU
LWC	OK	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB		NA	\$7.50	\$0.00	per LSR
LWC	OK	SERVICE ORDER CHARGES	Manual Service Order Charge				NA	\$50.00	\$0.00	per LSR
LWC	OK	OTHER CHARGES	Line Class Code - One-way Optional Extended Area		OLKOX		\$1.00	\$0.00	\$0.00	
LWC	OK	OTHER CHARGES	Service Order Expedite Request - per incident					200.00	\$0.00	per incident
LWC	OK	OTHER CHARGES	Bill Inquiry (per claim)				NA	\$25.00	\$0.00	per claim
LWC	OK	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)				NA	\$25.00	\$0.00	per incident
LWC	OK	OTHER CHARGES	Duplicate CABS Bill Charge				NA	\$25.00	\$0.00	per incident
LWC	OK	OTHER CHARGES	Flat Rate False Dispatch Charge				NA		\$0.00	per incident
LWC	OK	OTHER CHARGES	False Tech Dispatch				NA	\$75.00	\$0.00	per incident
LWC	OK	ALTERNATELY BILLED TRAFFIC (ABT)	Accounts Receivable Discount Off Retail Tariff		280		30.00%		NA	
LWC	OK	ALTERNATELY BILLED TRAFFIC (ABT)	Billing & Collect Credit per message		280		\$0.00		NA	per message
LWC	OK	DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3		\$0.37		NA	per call
LWC	OK	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7		\$0.15			per call
LWC	OK	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5		\$0.37		NA	per call
LWC	OK	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB		\$0.37		NA	per call
LWC	OK	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		ZZUO8		\$0.37		NA	per call
LWC	OK	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service				\$2.00	NA	NA .	per call
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding Initial/Subsequent Load		NRBDG		NA		. ,	per line
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding per Call		ZZUCB		\$0.002500		NA	per call
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance -Rate Reference-Initial Load		NRBDL		NA	. ,		per LSR
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load		NRBDM		NA	\$1,000.00	NA	per claim
LWC	ОК	DIRECTORY LISTINGS	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type							
-			Operated Services-Fully Automated Call Processing (Per Completed							
LWC	OK	OPERATOR SERVICES	automated call)		ZZUO1		\$0.15	NA	NA	per completed call
LWC	ОК	OPERATOR CALL PROCESSING	Operator Services-Operator Assisted Call Processing (per work second)		ZZUO2		\$0.020000	NA	NA	per incident
2110	O.K	C. E CH GALL I ROCESSING	Scotta		LLUGE		Ç0.02000	IVA	INA	permeacht
LWC	ОК	OPERATOR SERVICES	Operator Services - Facilities Based Branding Initial/Subsequent Load Operator Services - Facilities Based Branding - Per Call (Line # based.		NRBDG		NA	\$1,800.00	\$1,800.00	per load
			,							
LWC	CI'	DRANDING OPERATOR CALL PROCESSOR	When unbundled switching is used or when more than one brand		ZZUCB		¢0.035000	40.00		man in -! -! +
LVVC	OK	BRANDING - OPERATOR CALL PROCESSIN	IG required on same trunk group)		ZZUCB	+	\$0.025000	\$0.00	NA	per incident
LWC	ОК	OPERATOR SERVICES	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL		NA	\$2,200.00	NA	per load
			Operator Services - Facilities Based Rate Reference - Subsequent							
LWC	OK	OPERATOR SERVICES	Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

Contract Id: 8623511

PRICING SHEETS EXHIBIT A

 $450,\!000$ - $499,\!999$ LWC Line Volume Pricing Tier

							Monthly	Non-Recurring	Non-Recurring	
							Recurring	Charge (NRC)	Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC)	First	Additional	Per Unit
			Operator Services - Facilities Based Rate Reference - Subsequent							
LWC	OK	BRANDING - OPERATOR CALL PROCESS	ING Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

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450,000 - 499,999	LWC Line	Volume	Pricing	Tier

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)		Non-Recurring Charge (NRC) Additional	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	TX	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RBX		\$27.00	\$0.00	\$0.00	per line
LVVC	174	EVVC/CIVITE	(Effective 1/1/2010 12/31/2010)		OSILDA		\$27.00	\$0.00	\$0.00	per inic
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	TX	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RBX		\$28.50	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	TX	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RBX		\$29.75	\$0.00	\$0.00	per line
			Whalesale Consulate management the Doub with Loop Desidence							
			Wholesale Complete-measured Line-Port with Loop-Residence				4	4	4	
LWC	TX	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RRX		\$27.75	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	TX	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RRX		\$28.75	\$0.00	\$0.00	per line
LVVC	17	EVICALIATE	(Lifective 1/1/2015 - 12/31/2015)		OSITIA		\$20.73	\$0.00	\$0.00	per inte
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	TX	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RRX		\$29.75	\$0.00	\$0.00	per line
LWC	TX	OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX		\$3.50		\$0.00	per port
LWC	TX	OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX		\$3.50	\$0.00	\$0.00	per port
LWC	TX	LWC USAGE	Originating		ZZUWC		\$0.001500		NA.	MOU
LWC		LWC USAGE	Terminating		ZZUWC		\$0.001500			MOU
LWC	TX	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB		NA	\$7.50	\$0.00	per LSR
LWC	TX	SERVICE ORDER CHARGES	Manual Service Order Charge				NA	\$50.00	\$0.00	per LSR
LWC	TX	OTHER CHARGES	Service Order Expedite Request - per incident				NA	200.00	\$0.00	per incident
LWC	TX	OTHER CHARGES	Bill Inquiry (per claim)				NA	\$25.00	\$0.00	per claim
LWC	TX	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)				NA	\$25.00	\$0.00	per incident
LWC	TX	OTHER CHARGES	Duplicate CABS Bill Charge				NA	\$25.00	\$0.00	per incident
LWC	TX	OTHER CHARGES	Flat Rate False Dispatch Charge				NA	\$75.00	\$0.00	per incident
LWC	TX	OTHER CHARGES	False Tech Dispatch				NA	\$75.00	\$0.00	per incident
LWC	TX	ALTERNATELY BILLED TRAFFIC	Accounts Receivable Discount Off Retail Tariff		280		30.00%	NA	NA	
LWC	TX	ALTERNATELY BILLED TRAFFIC	Billing & Collect Credit per message		280		\$0.00	NA	NA	per message
LWC	TX	DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3		\$0.37	NA	NA	per call
LWC	TX	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7		\$0.15	NA	NA	per port
LWC	TX	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5		\$0.37	NA	NA	per call
LWC	TX	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB		\$0.37	NA	NA	per call
LWC	TX	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		ZZUO8		\$0.37	NA	NA	per call
LWC	TX	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service				\$2.00			per call
LWC		BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding Initial/Subsequent Load		NRBDG		NA			per line
LWC		BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding per Call		ZZUCB		\$0.025000			per call
LWC		BRANDING - DIRECTORY ASSISTANCE	Directory Assistance -Rate Reference-Initial Load		NRBDL		NA	. ,		per LSR
LWC	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load		NRBDM		NA	\$1,000.00	NA	per load
			Non-List, No-Pub, Foreign, enhanced, additional, alternate or other							
LWC	TX	DIRECTORY LISTINGS	special listing type							
			Operated Services-Fully Automated Call Processing (Per Completed							
LWC	TX	OPERATOR SERVICES	automated call)		ZZUO1		\$0.15	NA	NA	per completed call
			Operator Services-Operator Assisted Call Processing (per work							
LWC	TX	OPERATOR CALL PROCESSING	second)		ZZUO2		\$0.020000	NA	NA	per incident
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	G Operator Services - Facilities Based Branding Initial/Subsequent Load		NRBDG		NA	\$1,800.00	\$1,800.00	per load

Contract Id: 8623511

PRICING SHEETS EXHIBIT A

 $450,\!000$ - $499,\!999$ LWC Line Volume Pricing Tier

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Charge (NRC)	Non-Recurring Charge (NRC) Additional	Per Unit
			Operator Services - Facilities Based Branding - Per Call (Line # based.							
			When unbundled switching is used or when more than one brand							
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	required on same trunk group)		ZZUCB		\$0.025000	\$0.00	NA	per call
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL		NA	\$2,200.00	NA	per load
			Operator Services - Facilities Based Rate Reference - Subsequent							
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

 $450,\!000$ - $499,\!999$ LWC Line Volume Pricing Tier

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring I Charge (NRC) First	_	Per Unit
LWC	WI	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 3.89	\$ 642.78		per record
LWC	WI	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.05	5		per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							
LWC	WI	DIRECTORY LISTINGS	special listing types							
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	7 \$0.00	\$0.00	per call
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;							
LWC	WI	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37		\$0.00	per call
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00	D		per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							
LWC	WI	DIRECTORY ASSISTANCE	OS switch				\$0.00	,	1,800.00	per switch
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance-Branding-per call	WSK,WSQ			\$0.025			per call
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Initial Load				\$0.00			per load
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
			Operated Services-Fully Automated Call Processing (Per completed							
LWC	WI	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.15	\$0.00	\$0.00	per call
			Operator Services-Operator Assisted Call Processing (Per work							
LWC	WI	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	\$0.00	\$0.00	per work second
LWC	WI	OPERATOR SERVICES	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.00	,	1,800.00	per switch
LWC	WI	OPERATOR SERVICES	Operator Services-Branding Per call	WSK,WSQ			\$0.025			per call
LWC	WI	OPERATOR SERVICES	Operator Services-Rate Reference-Initial Load				\$0.00			per load
LWC	WI	OPERATOR SERVICES	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	WI	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$27.00) NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	WI	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$28.50) NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	WI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$29.75	5 NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	WI	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$27.75	5 NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	WI	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$28.75	5 NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	WI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$29.75		NA	per line
LWC		SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		N/		\$0.00	
LWC	WI	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		\$0.00		\$0.00	per LSR
LWC	WI	LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015		NA	MOU
LWC	WI	LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.0015		NA	
LWC	WI	OTHER CHARGES	Service Order Expedite Request - per incident	14/01/	,		1	200.00		per incident
LWC	WI	OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP		60.00	\$75.00	60.00	per incident
LWC	WI	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W		\$0.00		\$0.00	
LWC	WI	OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV		\$0.00		\$0.00	per incident
LWC	WI	OTHER CHARGES	Duplicate CABS Bill charge	WSK,WSQ	OBMDW		\$0.00		\$0.00	
LWC	WI	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO	l	\$3.50	NA NA	NA	per line

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A44	Chaha	Dundunt	Data Flamout Description	COS (Class of Service) USOC	Recurring		Charge (NRC)	Day Hait
Attachment	State	Product	Rate Element Description Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 -	Service) USUC	Zone Charge (MRC)	First	Additional	Per Unit
LWC	AR	LWCALRATE	12/31/2018)	U5RBX	\$26.50	\$0.00	\$0.00	per line
LVVC	AIN	EWCALNATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 -	OSNBA	\$20.50	50.00	\$0.00	per iiile
LWC	AR	LWCALRATE	12/31/2019)	U5RBX	\$28.2	\$0.00	\$0.00	per line
LVVC	7.11	EVVC/TEIVTE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 -	CSNEX	Ş20.2.	\$ 0.00	\$0.00	per inic
LWC	AR	LWCALRATE	12/31/2020)	U5RBX	\$29.7	\$0.00	\$0.00	per line
20	7.11		Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 -	CSNEX	\$25.77	φ0.00	ψ0.00	per inic
LWC	AR	LWCALRATE	12/31/2018)	U5RRX	\$27.50	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 -				,	P
LWC	AR	LWCALRATE	12/31/2019)	U5RRX	\$28.50	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 -					
LWC	AR	LWCALRATE	12/31/2020)	U5RRX	\$29.50	\$0.00	\$0.00	per line
LWC	AR	OPTIONAL SERVICES	Privacy Manager per Port-Business	UKLBX	\$3.50	\$0.00	\$0.00	per port
LWC	AR	OPTIONAL SERVICES	Privacy Manager per Port-Residence	UKLRX	\$3.50	\$0.00	\$0.00	per port
LWC	AR	LWC USAGE	Originating	ZZUWC	\$0.00150	O NA	. NA	MOU
LWC	AR	LWC USAGE	Terminating	ZZUWC	\$0.00150	0 NA	. NA	MOU
LWC	AR	OPTIONAL EAS FUNCTIONALITY	Line Class Code - One-way Optional Extended Area	OLKOX	\$3.00	\$0.00	\$0.00	per line
LWC	AR	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order	NRFWB	N/		\$0.00	per order
LWC	AR	SERVICE ORDER CHARGES	Manual Service Order Charge		NA NA		\$0.00	per LSR
LWC	AR	OTHER CHARGES	Service Order Expedite Request - per incident		NA NA		\$0.00	per incident
LWC	AR	OTHER CHARGES	Bill Inquiry (per claim)		NA NA		\$0.00	per claim
LWC	AR	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)		NA NA		\$0.00	per incident
LWC	AR	OTHER CHARGES	Duplicate CABS Bill Charge		N/		\$0.00	per incident
LWC	AR	OTHER CHARGES	Flat Rate False Dispatch Charge		N/		\$0.00	per incident
LWC	AR	OTHER CHARGES	False Tech Dispatch	200	N/		\$0.00	per incident
LWC	AR	ALTERNATELY BILLED TRAFFIC	Accounts Receivable Discount Off Retail Tariff	280	\$0.30		NA NA	
LWC	AR AR	ALTERNATELY BILLED TRAFFIC DIRECTORY ASSISTANCE	Billing & Collect Credit per message Directory Assistance (DA) blended Rate for 1	280 ZZUO3	\$0.00		NA NA	per message
LWC	AR	DIRECTORY ASSISTANCE DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1 Directory Assistance Call Completeion (DACC) per call	ZZU03	\$0.3		NA NA	per call per call
LWC	AR	DIRECTORY ASSISTANCE	National DA (NDA) per call	ZZUO5	\$0.3		. NA	
LWC	AR	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call	ZZUOB	\$0.3		NA NA	per call
LWC	AR	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)	ZZUO8	\$0.3		NA NA	<u> </u>
LWC	AR	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service	22000	\$2.00		. NA	per call
LWC	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding Initial/Subsequent Load	NRBDG	\$2.00 N/		\$1,800.00	per load
LWC	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding per Call	ZZUCB	\$0.0		91,000.00 NA	per call
LWC	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance -Rate Reference-Initial Load	NRBDL	N/	-	NA NA	per load
LWC	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load	NRBDM	NA NA		NA	
-	1		, 4			. ,		
LWC	AR	DIRECTORY LISTINGS	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type					
LWC	AR	OPERATOR CALL PROCESSING	Operated Services-Fully Automated Call Processing (Per Completed automated call)	ZZUO1	\$0.15000		NA	per completed call
LWC	AR	OPERATOR CALL PROCESSING	Operator Services-Operator Assisted Call Processing (per work second)	ZZUO2	\$0.03	2 NA	NA	per work second
LWC	AR	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Facilities Based Branding Initial/Subsequent Load	NRBDG	N/	\$1,800.00	\$1,800.00	per load
			Operator Services - Facilities Based Branding - Per Call (Line # based. When					
			unbundled switching is used or when more than one brand required on same trunk					
LWC	AR	BRANDING - OPERATOR CALL PROCESSING	group)	ZZUCB	\$0.03	\$0.00	NA	per call
LWC	AR	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Facilities Based Rate Reference -Initial Load	NRBDL	NA NA	\$2,200.00	NA	per load
1			Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or					
LWC	AR	BRANDING - OPERATOR CALL PROCESSING	Reference Load	NRBDM	NA NA	1000	NA	per load

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PRICING SHEETS EXHIBIT A

r-										
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	_	Per Unit
LWC	CA	LWCALRate	Residential (Effective 1/1/2018 - 12/31/2018)				\$ 27.50			
LWC	CA	LWCALRate	Residential (Effective 1/1/2019 - 12/31/2019)				\$ 28.50			
LWC	CA	LWCALRate	Residential (Effective 1/1/2020 - 12/31/2020)				\$ 29.50			
LWC	CA	LWCALRate	Business (Effective 1/1/2018 - 12/31/2018)				\$ 26.50			
LWC	CA	LWCALRate	Business (Effective 1/1/2019 - 12/31/2019)				\$ 28.25			
LWC	CA	LWCALRate	Business (Effective 1/1/2020 - 12/31/2020)				\$ 29.75			
LWC	CA	LWC USAGE	Residential				0.0015			per LWCAL, calculated per end office per billing period per LWCAL, calculated per end
										office per billing
LWC	CA	LWC USAGE	Business				0.0015			period
LWC	CA	OPTIONAL SERVICES	Privacy Manager® - Residential				3.50			Line
LWC	CA	OPTIONAL SERVICES	Privacy Manager® - Business				3.50			Line
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance per call - Residential				0.37			
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance per call - Business				0.37	NA NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call - Residential National DA (NDA) per call; Business Search Category				0.37	NA NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	(BCS) per call; Reverse Directory Assistance (RDA) per call - Business				0.37	, NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call - Residential				0.15	NA NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call - Business				0.15	NA NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Residential				2.00	NA NA	NA	Call
LWC	CA	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Business				2.00	NA NA	NA	Call
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Residential Directory Assistance - Branding - Initial/Subsequent				NA	1800.00	1800.00	OS Switch
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Load per OS switch - Business				NA	1800.00	1800.00	OS Switch
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Residential				0.025			
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Business				0.025	NA NA	NA	Call
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state/In-Region – Local and IntraLATA rates - Residential				NA	2200.00	NA	State/In-Region
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state/In-Region – Local and IntraLATA rates - Business Directory Assistance - Rate Reference Subsequent Load				NA	2200.00	NA	State/In-Region
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	per state/In-Region – Local and IntraLATA rates - Residential				NA	. NA	1000.00	State/In-Region

500,000 LWC Lines and Above - LWC Line Volume Pricing Tier

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Charge (NRC)	Non-Recurring Charge (NRC) Additional	Per Unit
			Directory Assistance - Rate Reference Subsequent Load							
			per state/In-Region – Local and IntraLATA rates -							
LWC	CA	BRANDING - DIRECTORY ASSISTANCE	Business				NA	NA NA	1000.00	State/In-Region
			Non-List Non-Dub Foreign enhanced additional							
LWC	CA	DIRECTORY LISITINGS	Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other special listing types - Residential							
LVVC	CA	DIRECTORY LISTTINGS	alternate of other special listing types - Residential							
LWC	CA	DIRECTORY LISITINGS	Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other special listing types - Business							
			Operated Services - Fully Automated Call Processing							Completed
LWC	CA	OPERATOR CALL PROCESSING	(Per completed automated call) - Residential				0.15	NA NA	NA	automated call
			Operated Services - Fully Automated Call Processing							Completed
LWC	CA	OPERATOR CALL PROCESSING	(Per completed automated call) - Business				0.15	NA NA	NA	•
LVVC	CA	OF ENATOR CALL PROCESSING	Operator Services - Operator Assisted Call Processing				0.13	INA.	INA	automateu can
LWC	CA	OPERATOR CALL PROCESSING	(Per work second) - Residential				0.02	. NA	NA	Work second
			Operator Services - Operator Assisted Call Processing							
LWC	CA	OPERATOR CALL PROCESSING	(Per work second) - Business				0.02	. NA	NA	Work second
			Operator Services - Branding Initial/Subsequent Load							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING					NA	1800.00	1800.00	OS Switch
			Operator Services - Branding Initial/Subsequent Load							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	per OS Switch - Business				NA	1800.00	1800.00	OS Switch
11116	64	DRANDING ODERATOR CALL PROCESSING	On another Compiler - Day of the				0.035			C-11
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Residential				0.025	NA NA	NA	Call
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Business				0.025	NA NA	NA	Call
LVVC	CA	BRANDING - OF ERATOR CALL FROCESSING	Operator Services - Branding Fer cair - Business Operator Services - Rate Reference - Initial Load per				0.023	INA	IVA	Call
			state/In-Region – Local and IntraLATA rates -							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	. •				NA	2200.00	NA	State/In-Region
			Operator Services - Rate Reference - Initial Load per							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING	state/In-Region – Local and IntraLATA rates - Business				NA	2200.00	NA	State/In-Region
			Operator Services - Rate Reference - Subsequent Load							
114/6	64	DRANDING ODERATOR CALL PROCESSING	per state/In-Region – Local and IntraLATA rates -						1000.00	Chata /In Danier
LWC	CA	BRANDING - OPERATOR CALL PROCESSING					NA	NA NA	1000.00	State/In-Region
			Operator Services - Rate Reference - Subsequent Load per state/In-Region – Local and IntraLATA rates -							
LWC	CA	BRANDING - OPERATOR CALL PROCESSING					NA	NA NA	1000.00	State/In-Region
LWC	CA	SERVICE ORDER CHARGES	Electronic Service Order		1		10.	7.50		LSR
LWC	CA	SERVICE ORDER CHARGES	Manual Service Order					50.00		LSR
LWC	CA	OTHER CHARGES	Service Order Expedite Request - per incident					200.00		Incident
LWC	CA	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)						25.00	Incident
LWC	CA	OTHER CHARGES	Duplicate Bill						25.00	Incident
LWC	CA	OTHER CHARGES	False Technician Dispatch (CLEC Fault)		1				75.00	Incident
LWC	CA	OTHER CHARGES	Non-EFT payment or credit		+			-	25.00	Incident
11440	C 4	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee -				0.05			Mossaga
LWC	CA	ALTERNATELY BILLED TRAFFIC	Residential				0.05	1		Message
LWC	CA	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee - Business				0.05			Message
			.g zzzz, per message ree basiness				5.05			

500,000 LWC Lines and Above - LWC Line Volume Pricing Tier

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	IL	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$3.65	\$ 713.33		per record
LWC	IL	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$0.05			per message
			Non-List, Non-Pub, Foreign, enhanced, additional,							, ,
LWC	IL	DIRECTORY LISTINGS	alternate or other special listing types							
LWC	IL	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
			, , , , , , , , , , , , , , , , , , , ,							•
LWC	IL	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call National DA (NDA) per call; Business Search Category	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
			(BCS) per call; Reverse Directory Assistance (RDA) per							
LWC	IL	DIRECTORY ASSISTANCE	call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
114.0	ļ ,,	DIDECTORY ACCISTANCE	Directory Assistance Non-Pub Emergency Service - per				42.55			"
LWC	IL	DIRECTORY ASSISTANCE	Call Directory Assistance Branding Other				\$2.00	1		per call
LWC	IL	DIRECTORY ASSISTANCE	Directory Assistance-Branding - Other -				\$0.00	1 900 00	1.800.00	n au avvitale
LWC	IL	BRANDING - DIRECTORY ASSISTANCE	Initial/Subsequent Load per OS switch Directory Assistance-Branding-per call	WSK,WSQ			\$0.00	,	1,800.00	per switch
LWC	IL	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding-per can Directory Assistance-Rate Reference Initial Load	wsk,wsq			\$0.025			per call per load
LVVC	IL	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Illitial Load				\$0.00	\$2,200.00		perioau
LWC	IL	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	\$0.00	\$1,000.00	per load
			Operated Services-Fully Automated Call Processing (Per				70.00	73.33	7 = /000100	p =
LWC	IL	OPERATOR SERVICES	completed automated call)	WSK,WSQ			\$0.15	\$0.00	\$0.00	per call
			Operator Services-Operator Assisted Call Processing	, , , , ,				,	,	per work
LWC	IL	OPERATOR SERVICES	(Per work second)	WSK,WSQ			\$0.02	\$0.00	\$0.00	second
			Operator Services-Branding Initial/Subsequent Load per					,	,	
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	OS Switch				\$0.00	\$1,800.00	\$1,800.00	per switch
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Branding Per call	WSK,WSQ			\$0.025			per call
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Rate Reference-Initial Load				\$0.00	\$2,200.00		per load
LWC	IL	BRANDING - OPERATOR CALL PROCESSING	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00	\$1,000.00	per load
LWC	IL	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop- Business (Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$26.50	NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-							
LWC	IL	LWCAL RATE	Business (Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$28.25	NA NA	NA	per line
LWC		LIMICAL DATE	Wholesale Complete-measured Line-Port with Loop-	WSK	LIEDDY		620.75	NA NA	NA	nor line
LWC	IL	LWCAL RATE	Business (Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$29.75	NA NA	NA	per line
LWC	IL	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop- Residence (Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$27.50	NA	NA	per line
LVVC	IL	EWCALKATE	Wholesale Complete-measured Line-Port with Loop-	W3Q	OJNIKA		\$27.50	INA	IVA	per inte
LWC	IL	LWCAL RATE	Residence (Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$28.50	NA NA	NA	per line
2000		2110/12/01/12	Wholesale Complete-measured Line-Port with Loop-	1130	031117		720.30	IVA	INA	per inte
LWC	IL	LWCAL RATE	Residence (Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$29.50	NA	NA	per line
LWC	IL	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		NA NA			per LSR
LWC	IL	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		\$0.00	\$50.00	\$0.00	per LSR
LWC	IL	LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015	NA NA	NA	MOU
LWC	IL	LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.0015	NA	NA	MOU
LWC	IL	OTHER CHARGES	Service Order Expedite Request - per incident					200.00	\$0.00	per incident
LWC	IL	OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP			\$75.00	\$0.00	per incident
LWC	IL	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W		\$0.00	\$25.00	\$0.00	per incident
LWC	IL	OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV		\$0.00	-	\$0.00	per incident
LWC	IL	OTHER CHARGES	Duplicate CABS Bill charge	WSK,WSQ	OBMDW		\$0.00		\$0.00	
LWC	IL	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50	NA NA	NA	per line

500,000 LWC Lines and Above - LWC Line Volume Pricing Tier

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	IN	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 3.55			per record
			• • • • • • • • • • • • • • • • • • • •							per
LWC	IN	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.05			message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							
LWC	IN	DIRECTORY LISTINGS	special listing types							
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	\$0.00	\$0.00	
			National DA (NDA) per call; Business Search Category (BCS) per call;	,			73.20	70.00	70.00	per sem
LWC	IN	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call	WSK,WSQ			\$2.00	\$0.00	φο.σο	per call
20		Diffeet Giff 7,65,577,476E	Directory Assistance-Branding - Other - Initial/Subsequent Load per OS				\$2.00			per can
LWC	IN	DIRECTORY ASSISTANCE	switch				\$0.00	1,800.00	1 800 00	per switch
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance-Branding-per call	WSK,WSQ			\$0.025	,	1,000.00	per call
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance-Branding-per can Directory Assistance-Rate Reference Initial Load	VV3K,VV3Q			\$0.023			per load
LWC	IN	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	\$ 2,200.00	\$ 1,000.00	•
LVVC	IIV	DIRECTORT ASSISTANCE	Operated Services-Fully Automated Call Processing (Per completed				\$0.00	\$0.00	3 1,000.00	perioau
LWC	IN	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.15	\$0.00	\$0.00	per call
LVVC	IIN	OPERATOR SERVICES	automateu canj	WSK,WSQ			\$ 0.15	\$0.00	\$0.00	
		00504700 6504656		11/6// 11/60				† 0.00	40.00	per work
LWC	IN	OPERATOR SERVICES	Operator Services-Operator Assisted Call Processing (Per work second)	WSK,WSQ			\$ 0.02	\$0.00	\$0.00	second
		00504700 6504656					40.00	4 000 00	4 000 00	
LWC	IN	OPERATOR SERVICES	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.00	1,800.00	1,800.00	per switch
LWC	IN	OPERATOR SERVICES	Operator Services-Branding Per call	WSK,WSQ			\$0.025			per call
LWC	IN	OPERATOR SERVICES	Operator Services-Rate Reference-Initial Load				\$0.00	, , , , , , , ,		per load
LWC	IN	OPERATOR SERVICES	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
			Wholesale Complete-measured Line-Port with Loop-Business (Effective							
LWC	IN	LWCAL RATE	1/1/2018 - 12/31/2018)	WSK	U5RBX		\$ 26.50	NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business (Effective							
LWC	IN	LWCAL RATE	1/1/2019 - 12/31/2019)	WSK	U5RBX		\$ 28.25	NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business (Effective							
LWC	IN	LWCAL RATE	1/1/2020 - 12/31/2020)	WSK	U5RBX		\$ 29.75	NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	IN	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$ 27.50	NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	IN	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$ 28.50	NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	IN	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$ 29.50	NA	NA	per line
LWC	IN	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		NA	\$7.50	\$0.00	
LWC	IN	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		\$0.00		\$0.00	
LWC	IN	LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015		NA	
LWC	IN	LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.0015	NA NA	NA NA	
				,			75,0013			
LWC	IN	OTHER CHARGES	Service Order Expedite Request - per incident					200.00	\$0.00	per incident
0		2	2322 2.23. Expedite request per modern					200.00	Ç0.00	p.s. moracine
LWC	IN	OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP			\$75.00	\$0.00	per incident
LVVC	114	OTTER CHARGES	Taise Tean Dispatch (CEEC Tault)	vv3N, vv3Q	VIVI			7/3.00	Ç0.00	per meident
LWC	IN	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W		\$0.00	\$25.00	\$0.00	per incident
LVVC	IIN	OTTIEN CHANGES	Din inquity/ Dispute (Charges sustailled)	VV3N,VV3Q	DCZIVV	1	ŞU.UU	\$25.00	ŞU.UU	per incluent
LWC	IN	OTHER CHARGES	Non EET nayment or credit	WSK,WSQ	N3RVV		\$0.00	\$25.00	¢0.00	nor incident
	IN	OTHER CHARGES OTHER CHARGES	Non-EFT payment or credit		OBMDW				\$0.00	per incident
LWC	IN IN	OPTIONAL SERVICES	Duplicate CABS Bill charge	WSK,WSQ	MHO	-	\$0.00 \$3.50	\$25.00 NA	•	
LWC	IIN	OF HUNAL SERVICES	Privacy Manager	WSK,WSQ	WHU	1	\$3.50	NA	NA	per line

500,000 LWC Lines and Above - LWC Line Volume Pricing Tier

						Marable			
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Zone Charge (MRC)	_	Non-Recurring Charge (NRC) Additional	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 -						
LWC	KS	LWCALRATE	12/31/2018)		U5RBX	\$26.50	\$0.00	\$0.00	per line
1146	1/6	LANCALDATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 -		LIEDDY	¢20.25	¢0.00	ć0.00	
LWC	KS	LWCALRATE	12/31/2019) Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 -		U5RBX	\$28.25	\$0.00	\$0.00	per line
LWC	VC.	LWCALRATE	12/31/2020)		U5RBX	\$29.75	\$0.00	\$0.00	man lina
LWC	KS	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 -		USKBX	\$29.75	\$0.00	\$0.00	per line
LWC	KS	LWCALRATE	12/31/2018)		U5RRX	\$27.50	\$0.00	\$0.00	per line
LVVC	N.J	EWCALIATE	Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 -		OJNIX	\$27.50	\$0.00	\$0.00	per iiile
LWC	KS	LWCALRATE	12/31/2019)		U5RRX	\$28.50	\$0.00	\$0.00	per line
2000	N3	EWOKERVIE	Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 -		OSITION	Ψ20.50	\$0.00	\$0.00	per inic
LWC	KS	LWCALRATE	12/31/2020)		U5RRX	\$29.50	\$0.00	\$0.00	per line
LWC	KS	OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX	\$3.50	\$0.00	·	per port
LWC	KS	OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX	\$3.50	\$0.00	· ·	per port
LWC	KS	LWC USAGE	Originating		ZZUWC	\$0.001500			MOU
LWC	KS	LWC USAGE	Terminating		ZZUWC	\$0.001500	NA	NA	MOU
LWC	KS	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB	. NA	\$7.50	\$0.00	
LWC	KS	SERVICE ORDER CHARGES	Manual Service Order Charge			NA	\$50.00	\$0.00	per LSR
LWC	KS	OTHER CHARGES	Service Order Expedite Request - per incident				200.00	\$0.00	per claim
LWC	KS	OTHER CHARGES	Bill Inquiry (per claim)			NA	\$25.00	\$0.00	per claim
LWC	KS	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)			NA	\$25.00	\$0.00	per incident
LWC	KS	OTHER CHARGES	Duplicate CABS Bill Charge			NA	\$25.00	\$0.00	per incident
LWC	KS	OTHER CHARGES	Flat Rate False Dispatch Charge			NA	\$75.00	\$0.00	per incident
LWC	KS	OTHER CHARGES	False Tech Dispatch			NA	\$75.00	\$0.00	per incident
LWC	KS	ALTERNATELY BILLED TRAFFIC (ABT)	Accounts Receivable Discount Off Retail Tariff		280	30.00%	NA	NA	
LWC	KS	ALTERNATELY BILLED TRAFFIC (ABT)	Billing & Collect Credit per message		280	\$0.00	NA	NA	per message
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3	\$0.37	NA		per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7	\$0.15	NA		per call
LWC	KS	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5	\$0.37	NA		per call
LWC	KS	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB	\$0.37	NA		per call
LWC	KS	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		ZZUO8	\$0.37	NA		per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service			\$2.00	NA		per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance-Branding Initial/Subsequent Load		NRBDG	NA	\$1,800.00		per load
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance-Branding per Call		ZZUCB	\$0.025000	NA		per call
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance -Rate Reference-Initial Load		NRBDL	NA	\$2,200.00		per load
LWC	KS	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load		NRBDM	NA	\$1,000.00	NA	per load
LWC	KS	DIRECTORY LISTINGS	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type						
LWC	KS	OPERATOR SERVICES	Operated Services-Fully Automated Call Processing (Per Completed automated call)		ZZUO1	\$0.15	NA	NA	per completed call
LWC	KS	OPERATOR SERVICES	Operator Services-Operator Assisted Call Processing (per work second)		ZZUO2	\$0.020000	NA		per work second
LWC	KS	OPERATOR SERVICES	Operator Services - Facilities Based Branding Initial/Subsequent Load		NRBDG	NA	\$1,800.00		per load
		-	Operator Services - Facilities Based Branding - Per Call (Line # based. When				. ,	. ,	
			unbundled switching is used or when more than one brand required on same trunk						
LWC	KS	OPERATOR SERVICES	group)		ZZUCB	\$0.025000	\$0.00	NA	per call
LWC	KS	OPERATOR SERVICES	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL	NA NA	\$2,200.00		per load
			Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or						
LWC	KS	OPERATOR SERVICES	Reference Load		NRBDM	NA	\$1,000.00	NA	per load

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring N Charge (NRC)	-	Per Unit
LWC	MI	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9\$89X	Lone	\$ 3.93		Additional	per record
LWC	MI	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee	OLSAX	3303X		\$ 0.05			per message
LWC	1411	ACTEMINATED BILLED TRAITIC	Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other				y 0.03			permessage
LWC	MI	DIRECTORY LISTINGS	special listing types							
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance, per call Directory Assistance Call Completion (DACC) - per call	WSK,WSQ WSK,WSQ			\$0.15		\$0.00	per call
LWC	1411	DIRECTORT ASSISTANCE	National DA (NDA) per call; Business Search Category (BCS) per call;	vv3K, vv3Q			Ş0.13	70.00	Ş0.00	per can
LWC	МІ	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call	vv3i,,vv3Q			\$2.00		\$0.00	per call
20		DINECTON FISSISTANCE	Directory Assistance-Branding - Other - Initial/Subsequent Load per				\$2.00			per can
LWC	MI	DIRECTORY ASSISTANCE	OS switch				\$0.00	1,800.00	1,800.00	per switch
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance-Branding-per call	WSK.WSQ			\$0.025	,	1,000.00	per call
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Initial Load				\$0.00			per load
LWC	MI	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	, ,	\$ 1,000.00	per load
			Operated Services-Fully Automated Call Processing (Per completed				70.00	70.00	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	p 0. 1000
LWC	MI	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.15	\$0.00	\$0.00	per call
20		OT ETHICAT DETECTIONS	Operator Services-Operator Assisted Call Processing (Per work				Ų 0.123	φσ.σσ	φο.σσ	per can
LWC	MI	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	\$0.00	\$0.00	per work second
				,			7 0.0.	70.00	70.00	por morniosocius
LWC	MI	OPERATOR SERVICES	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.00	1,800.00	1,800.00	per switch
LWC		OPERATOR SERVICES	Operator Services-Branding Per call	WSK,WSQ			\$0.025		,	per call
LWC	MI	OPERATOR SERVICES	Operator Services-Rate Reference-Initial Load	•			\$0.00	\$ 2,200.00		per load
LWC	MI	OPERATOR SERVICES	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	MI	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$26.50	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business							·
LWC	MI	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$28.25	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business							·
LWC	MI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$29.75	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	MI	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$27.50	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	MI	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$28.50	NA NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	MI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	U5RRX		\$29.50	NA NA	NA	per line
LWC		SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		N/		\$0.00	per LSR
LWC		SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		\$0.00	\$50.00	\$0.00	per LSR
LWC	MI	LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015		NA	MOU
LWC		LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.0015		NA	MOU
LWC	MI	OTHER CHARGES	Service Order Expedite Request - per incident					200.00	\$0.00	per incident
LWC	MI	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W		\$0.00		\$0.00	per incident
LWC		OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV		\$0.00		\$0.00	per incident
LWC		OTHER CHARGES	Duplicate CABS Bill charge	WSK,WSQ	OBMDW		\$0.00		\$0.00	
LWC	MI	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50	NA NA	NA	per line

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						Monthly	Non-Recurring	U	
						Recurring			
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC 2	one Charge (MR	C) First	Additional	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business		LIEDOV	426	- 0 00	40.00	1.
LWC	MO	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RBX	\$26.	50 \$0.00	\$0.00	per line
LWC	мо	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)		U5RBX	\$28.	25 \$0.00	\$0.00	per line
LVVC	IVIO	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Business		USKBA	\$20.	25 \$0.00	\$0.00	per iiile
LWC	мо	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RBX	\$29.	75 \$0.00	\$0.00	per line
LVVC	IVIO	EWCALIATE	Wholesale Complete-measured Line-Port with Loop-Residence		OSKBA	\$25.	75 90.00	90.00	per inte
LWC	МО	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RRX	\$27.	50 \$0.00	\$0.00	per line
20		270.12.0.1.2	Wholesale Complete-measured Line-Port with Loop-Residence		OST. III.	\$27	φυ.συ	φο.σσ	per inic
LWC	мо	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		USRRX	\$28.	50 \$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence			7.20	77.00	74.00	p = 1 =
LWC	мо	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RRX	\$29.	50 \$0.00	\$0.00	per line
LWC	MO	OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX	\$3.		70.00	per port
LWC	MO	OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX	\$3.			per port
LWC	MO	LWC USAGE	Originating		ZZUWC	\$0.0015			MOU
LWC	MO	LWC USAGE	Terminating		ZZUWC	\$0.0015			MOU
LWC	MO	SERVICE ORDER CHARGES	Electronic Service Order		NRFWB		IA \$7.50	\$0.00	per LSR
LWC	MO	SERVICE ORDER CHARGES	Manual Service Order Charge				IA \$50.00	\$0.00	per LSR
LWC	MO	OTHER CHARGES	Service Order Expedite Request - per incident				200.00	\$0.00	per incident
LWC	MO	OTHER CHARGES	Bill Inquiry/Dispute (charges sustanined)				IA \$25.00	\$0.00	per incident
LWC	MO	OTHER CHARGES	Non-EFT payment or credit				IA \$25.00	\$0.00	per incident
LWC	МО	OTHER CHARGES	Duplicate Bill				IA \$25.00	\$0.00	per incident
LWC	МО	OTHER CHARGES	Flat Rate False Dispatch Charge				IA \$75.00	\$0.00	per incident
LWC	МО	OTHER CHARGES	False Technician Dispatch				IA \$75.00	\$0.00	per incident
LWC	МО	ALTERNATELY BILLED TRAFFIC	Accounts Receivable Discount Off Retail Tariff		280	30.00		NA	
LWC	МО	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee		280	\$0.	00		per message
LWC	МО	DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3	\$0.	37 NA	NA	
LWC	МО	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7	\$0.		NA	per call
LWC	MO	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5	\$0.	37 NA	NA	per call
LWC	MO	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB	\$0.		NA	per call
LWC	MO	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		ZZUO8	\$0.	37 NA	NA	per call
LWC	МО	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service			\$2.	00 NA	NA	per call
LWC	MO	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding Initial/Subsequent Load		NRBDG		IA \$1,800.00	\$1,800.00	per load
LWC	MO	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding per Call		ZZUCB	\$0.0250	00 NA	NA	per call
			Directory Assistance - Rate Reference Initial Load per AT&T state/In-						
LWC	MO	BRANDING - DIRECTORY ASSISTANCE	Region - Local and IntraLATA rates		NRBDL	1	IA \$2,200.00	NA	per load
			Directory Assistance - Rate Reference Subsequent Load per AT&T						
LWC	MO	BRANDING - DIRECTORY ASSISTANCE	state/In-Region - Local and IntraLATA rates		NRBDM	1	IA NA	\$1,000.00	per load
			Non-List, No-Pub, Foreign, enhanced, additional, alternate or other						
LWC	MO	DIRECTORY LISTINGS	special listing type						
			Operated Services-Fully Automated Call Processing (Per Completed						
LWC	MO	OPERATOR CALL PROCESSING	automated call)		ZZUO1	\$0.	15 NA	NA_	per completed call
			Operator Services-Operator Assisted Call Processing (per work						
LWC	MO	OPERATOR CALL PROCESSING	second)		ZZUO2	\$0.0200	00 NA	NA	per work second
LWC	MO	OPERATOR SERVICES	Operator Services - Facilities Based Branding Initial/Subsequent Load		NRBDG	- 1	IA \$1,800.00	\$1,800.00	per load
LWC	MO	BRANDING - OPERATOR CALL PROCESSING			ZZUCB	\$0.0250	00 NA	NA	per call
			Operator Services - Rate Reference - Initial Load per AT&T state/In-						
LWC	MO	BRANDING - OPERATOR CALL PROCESSING			NRBDL	- 1	IA \$2,200.00	NA	per load
			Operator Services - Rate Reference - Subsequent Load per AT&T						
LWC	MO	BRANDING - OPERATOR CALL PROCESSING	state/In-Region - Local and IntraLATA rates		NRBDM		IA \$1,000.00	NA	per load

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	_	Per Unit
LWC	NV	LWCALRate	Residential (Effective 1/1/2018 - 12/31/2018)				\$ 27.50			
LWC	NV	LWCALRate	Residential (Effective 1/1/2019 - 12/31/2019)				\$ 28.50			
LWC	NV	LWCALRate	Residential (Effective 1/1/2020 - 12/31/2020)				\$ 29.50			
LWC	NV	LWCALRate	Business (Effective 1/1/2018 - 12/31/2018)				\$ 26.50			
LWC	NV	LWCALRate	Business (Effective 1/1/2019 - 12/31/2019)				\$ 28.25			
LWC	NV	LWCALRate	Business (Effective 1/1/2020 - 12/31/2020)				\$ 29.75			
LWC	NV	LWC USAGE	Residential				0.0015			per LWCAL, calculated per end office per billing period per LWCAL, calculated per end
										office per billing
LWC	NV	LWC USAGE	Business				0.0015			period
LWC	NV	OPTIONAL SERVICES	Privacy Manager® - Residential				3.50			Line
LWC	NV	OPTIONAL SERVICES	Privacy Manager® - Business				3.50			Line
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance per call - Residential				0.37			
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance per call - Business				0.37	NA NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call - Residential National DA (NDA) per call; Business Search Category (BCS) per call; Business Directory Assistance (RDA) per				0.37	, NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	(BCS) per call; Reverse Directory Assistance (RDA) per call - Business				0.37	, NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call - Residential				0.15	NA NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call - Business				0.15	NA NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Residential				2.00	NA NA	NA	Call
LWC	NV	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service – per call - Business				2.00	NA NA	NA	Call
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per OS switch - Residential Directory Assistance - Branding - Initial/Subsequent				NA	1800.00	1800.00	OS Switch
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Load per OS switch - Business				NA	1800.00	1800.00	OS Switch
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Residential				0.025			
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call - Business				0.025	. NA	NA	Call
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state/In-Region – Local and IntraLATA rates - Residential				NA			
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state/In-Region – Local and IntraLATA rates - Business Directory Assistance - Rate Reference Subsequent Load				NA	. 2200.00	NA	State/In-Region
LWC	NV	BRANDING - DIRECTORY ASSISTANCE	per state/In-Region – Local and IntraLATA rates - Residential				NA	. NA	1000.00	State/In-Region

500,000 LWC Lines and Above - LWC Line Volume Pricing Tier

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	_	Per Unit
			Directory Assistance - Rate Reference Subsequent Load							
LWC	NIV/	DRANDING DIRECTORY ASSISTANCE	per state/In-Region – Local and IntraLATA rates -				N/A	NA	1000.00	Ctata/In Dagian
LVVC	NV	BRANDING - DIRECTORY ASSISTANCE	Business				NA	INA	1000.00	State/In-Region
			Non-List, Non-Pub, Foreign, enhanced, additional,							
LWC	NV	DIRECTORY ASSISTANCE	alternate or other special listing types - Residential							
LVVC	INV	DIRECTORT ASSISTANCE	alternate of other special listing types - Residential							
			Non-List, Non-Pub, Foreign, enhanced, additional,							
LWC	NV	DIRECTORY ASSISTANCE	alternate or other special listing types - Business							
			6 7,5							
			Operated Services - Fully Automated Call Processing							Completed
LWC	NV	OPERATOR CALL PROCESSING	(Per completed automated call) - Residential				0.15	NA	NA	automated call
			Operated Services - Fully Automated Call Processing							Completed
LWC	NV	OPERATOR CALL PROCESSING	(Per completed automated call) - Business				0.15	NA	NA	automated call
			Operator Services - Operator Assisted Call Processing							
LWC	NV	OPERATOR CALL PROCESSING	(Per work second) - Residential				0.02	NA	NA	Work second
			Operator Services - Operator Assisted Call Processing							
LWC	NV	OPERATOR CALL PROCESSING	(Per work second) - Business				0.02	NA	NA	Work second
			Operator Services - Branding Initial/Subsequent Load							
LWC	NV	BRANDING - OPERATOR CALL PROCESSING					NA	1800.00	1800.00	OS Switch
		2244244	Operator Services - Branding Initial/Subsequent Load					4000.00	4000.00	000 11 1
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	per OS Switch - Business				NA	1800.00	1800.00	OS Switch
LWC	NV	BRANDING OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Residential				0.025	NA	NA	Call
LVVC	INV	BRANDING - OF ERATOR CALL PROCESSING	Operator Services - Branding Fer Call - Residential				0.023	INA	IVA	Call
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call - Business				0.025	NA	NA	Call
2000	144	DIVITOR CALL TROCESSING	Operator Services - Rate Reference - Initial Load per				0.023	10.0	10.0	Cuii
			state/In-Region – Local and IntraLATA rates -							
LWC	NV	BRANDING - OPERATOR CALL PROCESSING					NA	2200.00	NA	State/In-Region
			Operator Services - Rate Reference - Initial Load per							
LWC	NV	BRANDING - OPERATOR CALL PROCESSING	state/In-Region – Local and IntraLATA rates - Business				NA	2200.00	NA	State/In-Region
.			Operator Services - Rate Reference - Subsequent Load							
			per state/In-Region – Local and IntraLATA rates -							
LWC	NV	BRANDING - OPERATOR CALL PROCESSING					NA	NA	1000.00	State/In-Region
			Operator Services - Rate Reference - Subsequent Load							
			per state/In-Region – Local and IntraLATA rates -							
LWC	NV	BRANDING - OPERATOR CALL PROCESSING					NA			
LWC	NV	SERVICE ORDER CHARGES	Electronic Service Order			1		7.50		LSR
LWC	NV NV	SERVICE ORDER CHARGES OTHER CHARGES	Manual Service Order Service Order Expedite Request per incident					50.00 200.00		LSR Incident
LWC	NV	OTHER CHARGES OTHER CHARGES	Service Order Expedite Request - per incident Bill Inquiry/Dispute (Charges sustained)					200.00	25.00	Incident
LWC	NV	OTHER CHARGES OTHER CHARGES	Duplicate Bill						25.00	Incident
LWC	NV	OTHER CHARGES OTHER CHARGES	False Technician Dispatch (CLEC Fault)						75.00	Incident
LWC	NV	OTHER CHARGES OTHER CHARGES	Non-EFT payment or credit			1			25.00	Incident
20			ABT Billing and Collection, per message fee -						25.00	moraciic
LWC	NV	ALTERNATELY BILLED TRAFFIC	Residential				0.05			Message
LWC	NV	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee - Business				0.05			Message

500,000 LWC Lines and Above - LWC Line Volume Pricing Tier

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Charge (NRC)	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	ОН	E911	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 5.60			per record
LWC	ОН	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee				\$ 0.05			per message
			Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other							· · ·
LWC	ОН	DIRECTORY LISTINGS	special listing types							
LWC	OH	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	' NA	. NA	per call
LWC	OH	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ			\$0.15	NA NA	. NA	per call
			National DA (NDA) per call; Business Search Category (BCS) per call;							
LWC	ОН	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37			per call
LWC	OH	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00	NA NA	. NA	per call
			Directory Assistance-Branding - Other - Initial/Subsequent Load per							
LWC	OH	DIRECTORY ASSISTANCE	OS switch				N/		,	per switch
LWC	OH	DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call	WSK,WSQ			\$0.025	NA NA	. NA	per call
			Directory Assistance - Rate Reference Initial Load per AT&T state/In-							
LWC	OH	DIRECTORY ASSISTANCE	Region - Local and IntraLATA rates				N/	\$ 2,200.00	NA	per load
			Directory Assistance - Rate Reference Subsequent Load per AT&T							
LWC	OH	DIRECTORY ASSISTANCE	state/In-Region - Local and IntraLATA rates				N/	NA NA	\$ 1,000.00	per load
			Operated Services - Fully Automated Call Processing (Per completed							
LWC	OH	OPERATOR SERVICES	automated call)	WSK,WSQ			\$ 0.15	NA	. NA	per call
			Operator Services - Operator Assisted Call Processing (Per work							
LWC	OH	OPERATOR SERVICES	second)	WSK,WSQ			\$ 0.02	NA NA	. NA	per work second
LWC	OH	OPERATOR SERVICES	Operator Services - Branding Initial/Subsequent Load per OS Switch				N/	,	1,800.00	per switch
LWC	OH	OPERATOR SERVICES	Operator Services - Branding Per call	WSK,WSQ			\$0.025	NA NA	NA	per call
			Operator Services - Rate Reference - Initial Load per AT&T state/In-							
LWC	ОН	OPERATOR SERVICES	Region - Local and IntraLATA rates				N/	\$ 2,200.00	NA	per load
			Operator Services - Rate Reference - Subsequent Load per AT&T							
LWC	OH	OPERATOR SERVICES	state/In-Region - Local and IntraLATA rates				N/	NA NA	\$ 1,000.00	per load
			Wholesale Complete-measured Line-Port with Loop-Business				4			
LWC	OH	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$26.50)		per line
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	OH	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$28.25	5		per line
			Wholesale Complete-measured Line-Port with Loop-Business				4			
LWC	OH	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX		\$29.75	0		per line
			Wholesale Complete-measured Line-Port with Loop-Residence	VI/CO			407.5			
LWC	OH	LWCAL RATE	(Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$27.50)		per line
			Wholesale Complete-measured Line-Port with Loop-Residence				420.54			
LWC	OH	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$28.50)		per line
			Wholesale Complete-measured Line-Port with Loop-Residence	VI/CO			420.54			
LWC	OH	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	USRRX		\$29.50			per line
LWC	OH	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB			\$7.50		per LSR
LWC	OH	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		ć0.0041	\$50.00		per LSR
LWC	OH	LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015			MOU MOU
LWC			Terminating	WSK,WSQ	ZZUWC		\$0.0015			
LWC	OH	OTHER CHARGES	Service Order Expedite Request - per incident	MCK MCO	1/00			200.00		per incident
LWC	OH	OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP				\$75.00	per incident
LWC	OH	OTHER CHARGES OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained) Non-EFT payment or credit	WSK,WSQ	BCZ1W N3RVV				\$25.00 \$25.00	per incident
LWC				WSK,WSQ	OBMDW				\$25.00 \$25.00	per incident
	OH	OTHER CHARGES	Duplicate Bill	WSK,WSQ	_		63.54		\$25.00	nou line
LWC	OH	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50	y .	1	per line

		T				1	T		1	1
							Monthly	Non-Recurring	Non-Recurring	
							Recurring	Charge (NRC)	Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Zone	Charge (MRC)	First	Additional	Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	ОК	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RBX		\$26.50	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business							,
LWC	ОК	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RBX		\$28.25	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Business							,
LWC	ОК	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RBX		\$29.75	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							,
LWC	ОК	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RRX		\$27.50	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence					,	,	r
LWC	ОК	LWCALRATE	(Effective 1/1/2019 - 12/31/2019)		U5RRX		\$28.50	\$0.00	\$0.00	per line
		-	Wholesale Complete-measured Line-Port with Loop-Residence				,	,	,	r
LWC	ОК	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RRX		\$29.50	\$0.00	\$0.00	per line
LWC		OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX		\$3.50		\$0.00	per port
LWC		OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX		\$3.50			per port
LWC	_	LWC USAGE	Originating		ZZUWC		\$0.001500			MOU
LWC	_	LWC USAGE	Terminating		ZZUWC		\$0.001500			MOU
LWC		SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB		NA NA			per LSR
LWC	_	SERVICE ORDER CHARGES	Manual Service Order Charge				NA NA		•	per LSR
LWC	_	OTHER CHARGES	Line Class Code - One-way Optional Extended Area		OLKOX		\$1.00		\$0.00	per zon
LWC	_	OTHER CHARGES	Service Order Expedite Request - per incident		O L NO X		Ψ1.00	200.00		per incident
LWC		OTHER CHARGES	Bill Inquiry (per claim)				NA.			per claim
LWC	_	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)				NA NA			per incident
LWC	_	OTHER CHARGES	Duplicate CABS Bill Charge				NA NA			per incident
LWC	_	OTHER CHARGES	Flat Rate False Dispatch Charge				NA NA			per incident
LWC		OTHER CHARGES	False Tech Dispatch				NA NA			per incident
LWC	_	ALTERNATELY BILLED TRAFFIC (ABT)	Accounts Receivable Discount Off Retail Tariff		280		30.00%			permedent
LWC	_	ALTERNATELY BILLED TRAFFIC (ABT)	Billing & Collect Credit per message		280		\$0.00			per message
LWC	_	DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3		\$0.37			per call
LWC		DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7		\$0.15			per call
LWC	_	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5		\$0.37			per call
LWC	OK	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB		\$0.37			per call
LWC	_	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA)		ZZUO8		\$0.37			per call
LWC		DIRECTORY ASSISTANCE	Directory Assistance (NDA)		22000		\$2.00			per call
LWC	_	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding Initial/Subsequent Load		NRBDG		NA NA			per line
LWC		BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding mittaly Subsequent Load Directory Assistance-Branding per Call		ZZUCB		\$0.002500			per call
LWC	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance Brahamig per can Directory Assistance -Rate Reference-Initial Load		NRBDL		\$0.002300 NA			per LSR
LWC		BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load		NRBDM		NA NA			per claim
LWC	OK	BRANDING - BIRCETORT ASSISTANCE	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other		INICODIVI		147	71,000.00	INA	per ciaiiii
LWC	ОК	DIRECTORY LISTINGS	special listing type							
LVVC	OK	DIRECTORT LISTINGS	Operated Services-Fully Automated Call Processing (Per Completed							
LWC	ОК	OPERATOR SERVICES	automated call)		ZZUO1		\$0.15	NA NA	NA	per completed call
LVVC	UK	OF LINATOR SERVICES	Operator Services-Operator Assisted Call Processing (per work		22001		30.15	INA	INA	per completed tall
LWC	ОК	OPERATOR CALL PROCESSING	second)		ZZUO2		\$0.020000) NA	NA	nor incident
LVVC	UK	OF LINATUR CALL PROCESSING	second		22002	1	ŞU.U2UUUL	, NA	INA	per incident
1146	01/	ODEDATOR CERVICES	On and the Complete Facilities December 4 Properties Lichted 1/C the annual Land		NIDDOC			ć4 000 00	64 000 00	and and
LWC	OK	OPERATOR SERVICES	Operator Services - Facilities Based Branding Initial/Subsequent Load Operator Services - Facilities Based Branding - Per Call (Line # based.		NRBDG	1	NA	\$1,800.00	\$1,800.00	per load
11/10	C''	DRANDING ODERATOR CALL DOCUMENT	When unbundled switching is used or when more than one brand		77::00		60.00555			
LWC	OK	BRANDING - OPERATOR CALL PROCESSIN	IG required on same trunk group)		ZZUCB		\$0.025000	\$0.00	NA	per incident
1146	6.4	ODED ATOD CEDVICES	Outside Continue Facilities Para 12 to 2 for 1997 to 1		NIDDD			62 200		
LWC	OK	OPERATOR SERVICES	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL		NA.	\$2,200.00	NA	per load
			Operator Services - Facilities Based Rate Reference - Subsequent					4		
LWC	OK	OPERATOR SERVICES	Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

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							Recurring	Charge (NRC)	Non-Recurring Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC)	First	Additional	Per Unit
			Operator Services - Facilities Based Rate Reference - Subsequent							
LWC	OK	BRANDING - OPERATOR CALL PROCESS	Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring N Charge (NRC) (First		Per Unit
			Wholesale Complete-measured Line-Port with Loop-Business							
LWC	TX	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RBX		\$26.50	\$0.00	\$0.00	per line
LVVC	17	EWOKERKIE	(21100017 17 2010 12/31/2010)		OSINDA		\$20.50	\$0.00	φ0.00	per inic
LWC	TX	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)		U5RBX		\$28.25	\$0.00	\$0.00	per line
								·		
LWC	TX	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)		U5RBX		\$29.75	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	TX	LWCALRATE	(Effective 1/1/2018 - 12/31/2018)		U5RRX		\$27.50	\$0.00	\$0.00	per line
LWC	TX	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)		U5RRX		\$28.50	\$0.00	\$0.00	per line
			Wholesale Complete-measured Line-Port with Loop-Residence							
LWC	TX	LWCALRATE	(Effective 1/1/2020 - 12/31/2020)		U5RRX		\$29.50	\$0.00	\$0.00	per line
LWC	TX	OPTIONAL SERVICES	Privacy Manager per Port-Business		UKLBX		\$3.50		\$0.00	per port
LWC	TX	OPTIONAL SERVICES	Privacy Manager per Port-Residence		UKLRX		\$3.50		\$0.00	per port
LWC	TX	LWC USAGE	Originating		ZZUWC		\$0.001500	NA NA	NA	MOU
LWC	TX	LWC USAGE	Terminating		ZZUWC		\$0.001500	NA	NA	MOU
LWC	TX	SERVICE ORDER CHARGES	Record Order for Wholesale Complete per Order		NRFWB		NA		\$0.00	per LSR
LWC	TX	SERVICE ORDER CHARGES	Manual Service Order Charge				NA		\$0.00	per LSR
LWC	TX	OTHER CHARGES	Service Order Expedite Request - per incident				NA		\$0.00	per incident
LWC	TX	OTHER CHARGES	Bill Inquiry (per claim)				NA		\$0.00	per claim
LWC	TX	OTHER CHARGES	Non-EFI (electronic funds interface/transfer)				NA		\$0.00	per incident
LWC	TX	OTHER CHARGES	Duplicate CABS Bill Charge				NA		\$0.00	per incident
LWC	TX	OTHER CHARGES	Flat Rate False Dispatch Charge				NA		\$0.00	per incident
LWC	TX	OTHER CHARGES	False Tech Dispatch				NA		\$0.00	per incident
LWC	TX	ALTERNATELY BILLED TRAFFIC	Accounts Receivable Discount Off Retail Tariff		280		30.00%		NA	
LWC	TX	ALTERNATELY BILLED TRAFFIC	Billing & Collect Credit per message		280		\$0.00		NA	per message
LWC	TX	DIRECTORY ASSISTANCE	Directory Assistance (DA) blended Rate for 1		ZZUO3		\$0.37		NA	per call
LWC	TX	DIRECTORY ASSISTANCE	Directory Assistance Call Completeion (DACC) per call		ZZUO7		\$0.15		NA	per port
LWC	TX	DIRECTORY ASSISTANCE	National DA (NDA) per call		ZZUO5		\$0.37		NA	per call
LWC	TX	DIRECTORY ASSISTANCE	Business Search Category (BCS) per call		ZZUOB		\$0.37		NA NA	per call
LWC	TX TX	DIRECTORY ASSISTANCE DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) Directory Assistance Non-Pub Emergency Service		ZZUO8	1	\$0.37 \$2.00		NA NA	per call
LWC	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service Directory Assistance-Branding Initial/Subsequent Load		NRBDG	1	\$2.00 NA		\$1,800.00	per call per line
LWC	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Branding initial/Subsequent Load Directory Assistance-Branding per Call		ZZUCB	-	\$0.025000		\$1,800.00 NA	per line per call
LWC	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance -Brahung per Can Directory Assistance -Rate Reference-Initial Load		NRBDL	+	\$0.025000 NA		NA NA	per LSR
LWC	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference-Subsequent Load		NRBDM	+	NA NA	. ,	NA NA	per load
LWC	TX	DIRECTORY LISTINGS	Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type		MADIN		10	\$1,000.00	10.4	perioda
LWC	TX	OPERATOR SERVICES	Operated Services-Fully Automated Call Processing (Per Completed automated call)		ZZUO1		\$0.15	NA	NA	per completed call
LWC	TX	OPERATOR CALL PROCESSING	Operator Services-Operator Assisted Call Processing (per work second)		ZZUO2		\$0.020000	NA	NA	per incident
LWC	TX	BRANDING - OPERATOR CALL PROCESSIN	Operator Services - Facilities Based Branding Initial/Subsequent Load		NRBDG		NA	\$1,800.00	\$1,800.00	per load

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	U	Per Unit
			Operator Services - Facilities Based Branding - Per Call (Line # based.							
			When unbundled switching is used or when more than one brand							
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	5		ZZUCB		\$0.025000	\$0.00	NA	per call
										,
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Facilities Based Rate Reference -Initial Load		NRBDL		NA	\$2,200.00	NA	per load
			Operator Services - Facilities Based Rate Reference - Subsequent							
LWC	TX	BRANDING - OPERATOR CALL PROCESSING	Rater Load or Reference Load		NRBDM		NA	\$1,000.00	NA	per load

Attachment	State		Rate Element Description	COS (Class of Service)	USOC	Zone C	Monthly Recurring harge (MRC)	Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
LWC	WI	E911 ALTERNATELY BILLED TRAFFIC	911 Database Management ANI/ALI/SR Per 100 Records	OE9XX	9S89X		\$ 3.89 \$ 0.05			per record
LWC	VVI	ALTERNATELY BILLED TRAFFIC	ABT Billing and Collection, per message fee Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other			- 3	\$ 0.05			per message
LWC	WI	DIRECTORY LISTINGS	special listing types							
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance, per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance Call Completion (DACC) - per call	WSK,WSQ WSK.WSQ			\$0.37		\$0.00	per call
LVVC	***	DIRECTORY ASSISTANCE	National DA (NDA) per call; Business Search Category (BCS) per call;	**************************************			Ş0.13	\$0.00	Ç0.00	per can
LWC	WI	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA) per call	WSK,WSQ			\$0.37	\$0.00	\$0.00	per call
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance Non-Pub Emergency Service - per call				\$2.00		,	per call
-			Directory Assistance-Branding - Other - Initial/Subsequent Load per				,			P
LWC	WI	DIRECTORY ASSISTANCE	OS switch				\$0.00	1,800.00	1,800.00	per switch
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance-Branding-per call	WSK,WSQ			\$0.025			per call
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Initial Load				\$0.00	\$ 2,200.00		per load
LWC	WI	DIRECTORY ASSISTANCE	Directory Assistance-Rate Reference Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
			Operated Services-Fully Automated Call Processing (Per completed							
LWC	WI	OPERATOR SERVICES	automated call)	WSK,WSQ		9	\$ 0.15	\$0.00	\$0.00	per call
			Operator Services-Operator Assisted Call Processing (Per work							
LWC	WI	OPERATOR SERVICES	second)	WSK,WSQ		,	\$ 0.02	\$0.00	\$0.00	per work second
LWC	WI	OPERATOR SERVICES	Operator Services-Branding Initial/Subsequent Load per OS Switch				\$0.00	,	1,800.00	per switch
LWC	WI	OPERATOR SERVICES	Operator Services-Branding Per call	WSK,WSQ			\$0.025			per call
LWC	WI	OPERATOR SERVICES	Operator Services-Rate Reference-Initial Load				\$0.00			per load
LWC	WI	OPERATOR SERVICES	Operator Services-Rate Reference-Subsequent Load				\$0.00	\$0.00	\$ 1,000.00	per load
LWC	WI	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)	WSK	U5RBX		\$26.50	NA	NA	per line
LWC	WI	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)	WSK	U5RBX		\$28.25	NA	NA	per line
			Wholesale Complete-measured Line-Port with Loop-Business	111611	115001		420.75			
LWC	WI	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSK	U5RBX	+	\$29.75	NA	NA	per line
LWC	WI	LWCAL RATE	Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)	WSQ	U5RRX		\$27.50	NA	NA	per line
LVVC	VVI	LWCALRATE	Wholesale Complete-measured Line-Port with Loop-Residence	wsu	UJNNA	+ +	347.5U	INA	INA	per inte
LWC	WI	LWCAL RATE	(Effective 1/1/2019 - 12/31/2019)	WSQ	U5RRX		\$28.50	NA	NA	per line
LVVC	771	EWCALIATE	Wholesale Complete-measured Line-Port with Loop-Residence	W3Q	OSINIX		720.50	IVA	IVA	per inic
LWC	wı	LWCAL RATE	(Effective 1/1/2020 - 12/31/2020)	WSQ	USRRX		\$29.50	NA	NA	per line
LWC	WI	SERVICE ORDER CHARGES	Electronic Service Order	WSK,WSQ	NRFWB		725.50 NA			per LSR
LWC	WI	SERVICE ORDER CHARGES	Manual Service Order charge	WSK,WSQ	N3RVW		\$0.00			per LSR
LWC	WI	LWC USAGE	Originating	WSK,WSQ	ZZUWC		\$0.0015			MOU
LWC	WI	LWC USAGE	Terminating	WSK,WSQ	ZZUWC		\$0.0015			MOU
LWC	WI	OTHER CHARGES	Service Order Expedite Request - per incident	,				200.00		per incident
LWC	WI	OTHER CHARGES	False Tech Dispatch (CLEC Fault)	WSK,WSQ	VRP			\$75.00		per incident
LWC	WI	OTHER CHARGES	Bill Inquiry/Dispute (Charges sustained)	WSK,WSQ	BCZ1W		\$0.00		\$0.00	per incident
LWC	WI	OTHER CHARGES	Non-EFT payment or credit	WSK,WSQ	N3RVV		\$0.00	\$25.00	\$0.00	per incident
LWC	WI	OTHER CHARGES	Duplicate CABS Bill charge	WSK,WSQ	OBMDW		\$0.00	\$25.00	\$0.00	•
LWC	WI	OPTIONAL SERVICES	Privacy Manager	WSK,WSQ	WHO		\$3.50	NA	NA	per line

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

3/30/2018 2:14:59 PM

in

Case No(s). 18-0556-TP-NAG

Summary: Contracts Granite Telecommunications, LLC's Application for the Approval of a reasonable arrangement pursuant to Ohio Revised Code Section 4905.31. electronically filed by Mr. Justin M Dortch on behalf of Granite Telecommunications, LLC