

# KRAVITZ, BROWN & DORTCH, LLC

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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](mailto: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.

In the Matter of the Application of Granite Telecommunications, LLC for review ) TRF Docket No. 90 -  
 and approval of an Amended Agreement ) Case No. - - **TP - NAG**  
 to )  
 ) **NOTE: Unless you have reserved a Case #, leave the**  
 ) **"Case No" fields BLANK.**

Name of Registrant(s) Granite Telecommunications, LLC  
 DBA(s) of Registrant(s) \_\_\_\_\_  
 Address of Registrant(s) 100 Newport Avenue Extension, Quincy, MA 02171  
 Company Web Address http://www.granitenet.com/  
 Regulatory Contact Person(s) Paula Foley Phone 617-837-4604 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 included with filing?  Yes  No  
 Motion for waiver(s) filed affecting this case?  Yes  No [Note: Waivers may toll any automatic timeframe.]

**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 4901:1-7, and Wireless is Pursuant to Ohio Adm.Code 4901:1-6-24.  
 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](http://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).  |
| B       | The tariff pages subject to the proposed change(s), reflecting the change, with the change(s) marked in the right margin.             |
| C       | 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**

| <b>Carrier Type</b><br><input type="checkbox"/> <b>Other</b> (explain below) | <b>For Profit ILEC</b>  | <b>Not For Profit ILEC</b>   | <b>CLEC</b>   |
|--|---|--|---|
| Change terms & conditions of existing BLES                                   | <input type="checkbox"/> ATA <u>1-6-14(H)</u><br>(Auto 30 days)       | <input type="checkbox"/> ATA <u>1-6-14(H)</u><br>(Auto 30 days)    | <input type="checkbox"/> ATA <u>1-6-14(H)</u><br>(Auto 30 days) |
| Introduce non-recurring charge, surcharge, or fee to BLES                    |   |  | <input type="checkbox"/> ATA <u>1-6-14(H)</u><br>(Auto 30 days) |
| Introduce or Increase Late Payment   | <input type="checkbox"/> ATA <u>1-6-14(I)</u><br>(Auto 30 days)       | <input type="checkbox"/> ATA <u>1-6-14(I)</u><br>(Auto 30 days)    | <input type="checkbox"/> ATA <u>1-6-14(I)</u><br>(Auto 30 days) |
| Revisions to BLES Cap  | <input type="checkbox"/> ZTA <u>1-6-14(F)</u><br>(0 day Notice)       |  |   |
| Introduce BLES or expand local service area (calling area)                   | <input type="checkbox"/> ZTA <u>1-6-14(H)</u><br>(0 day Notice)       | <input type="checkbox"/> ZTA <u>1-6-14(H)</u><br>(0 day Notice)    | <input type="checkbox"/> ZTA <u>1-6-14(H)</u><br>(0 day Notice) |
| Notice of no obligation to construct facilities and provide BLES             | <input type="checkbox"/> ZTA <u>1-6-27(C)</u><br>(0 day Notice)       | <input type="checkbox"/> ZTA <u>1-6-27(C)</u><br>(0 day Notice)    |   |
| Change BLES Rates  | <input type="checkbox"/> TRF <u>1-6-14(F)</u><br>(0 day Notice)       | <input type="checkbox"/> TRF <u>1-6-14(F)(4)</u><br>(0 day Notice) | <input type="checkbox"/> TRF <u>1-6-14(G)</u><br>(0 day Notice) |
| To obtain BLES pricing flexibility   | <input type="checkbox"/> BLS <u>1-6-14(C)(1)(c)</u><br>(Auto 30 days) |  |   |
| Change in boundary   | <input type="checkbox"/> ACB <u>1-6-32</u><br>(Auto 14 days)          | <input type="checkbox"/> ACB <u>1-6-32</u><br>(Auto 14 days)       |   |
| Expand service operation area  |   |  | <input type="checkbox"/> TRF <u>1-6-08(G)</u> (0 day)           |
| BLES withdrawal  |   |  | <input type="checkbox"/> ZTA <u>1-6-25(B)</u><br>(0 day Notice) |
| <b>Other*</b> (explain)  |   |  |   |

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

| <b>Type of Notice</b>                  | <b>Direct Mail</b>       | <b>Bill Insert</b>       | <b>Bill Notation</b>     | <b>Electronic Mail</b>   |
|--|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> 15-day Notice | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> 30-day Notice | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>Date Notice Sent:</b>               |                          |                          |                          |                          |

**Section I – Part III –IOS Offerings Pursuant to Chapter 4901:1-6-22 OAC**

| <b>IOS</b>                   | <b>Introduce New</b>     | <b>Tariff Change</b>     | <b>Price Change</b>      | <b>Withdraw</b>          |
|------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> IOS | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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

| Certification           | ILEC<br>(Out of territory)                                     | CLEC   | Telecommunications<br>Service Provider<br>Not Offering Local | CESTC   | CETC  |
|-------------------------|--|--|--|---|---|
| * See Supplemental form | <input type="checkbox"/> ACE <i>1-6-08</i><br>* (Auto 30- day) | <input type="checkbox"/> ACE <i>1-6-08</i><br>*(Auto 30 day) | <input type="checkbox"/> ACE <i>1-6-08</i><br>*(Auto 30 day) | <input type="checkbox"/> ACE <i>1-6-10</i><br>(Auto 30 day) | <input type="checkbox"/> UNC <i>1-6-09</i><br>*(Non-Auto) |

\*Supplemental Certification forms can be found on the PUCO webpage.

**Section II – Part II – Certificate Status & Procedural**

| Certificate Status   | ILEC  | CLEC  | Telecommunications<br>Service Provider Not<br>Offering Local    |
|--|---|---|---|
| Abandon all Services   |   | <input type="checkbox"/> ABN <i>1-6-26</i><br>(Auto 30 days)    | <input type="checkbox"/> ABN <i>1-6-26</i><br>(Auto 30 days)    |
| Change of Official Name *  | <input type="checkbox"/> ACN <i>1-6-29(B)</i><br>(Auto 30 days) | <input type="checkbox"/> ACN <i>1-6-29(B)</i><br>(Auto 30 days) | <input type="checkbox"/> CIO <i>1-6-29(C)</i><br>(0 day Notice) |
| Change in Ownership *  | <input type="checkbox"/> ACO <i>1-6-29(E)</i><br>(Auto 30 days) | <input type="checkbox"/> ACO <i>1-6-29(E)</i><br>(Auto 30 days) | <input type="checkbox"/> CIO <i>1-6-29(C)</i><br>(0 day Notice) |
| Merger *   | <input type="checkbox"/> AMT <i>1-6-29(E)</i><br>(Auto 30 days) | <input type="checkbox"/> AMT <i>1-6-29(E)</i><br>(Auto 30 days) | <input type="checkbox"/> CIO <i>1-6-29(C)</i><br>(0 day Notice) |
| Transfer a Certificate *   | <input type="checkbox"/> ATC <i>1-6-29(B)</i><br>(Auto 30 days) | <input type="checkbox"/> ATC <i>1-6-29(B)</i><br>(Auto 30 days) | <input type="checkbox"/> CIO <i>1-6-29(C)</i><br>(0 day Notice) |
| Transaction for transfer or lease of property, plant or business * | <input type="checkbox"/> ATR <i>1-6-29(B)</i><br>(Auto 30 days) | <input type="checkbox"/> ATR <i>1-6-29(B)</i><br>(Auto 30 days) | <input type="checkbox"/> CIO <i>1-6-29(C)</i><br>(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   | <input type="checkbox"/> NAG <i>1-7-07</i><br>(Auto 90 day)                         | <input type="checkbox"/> NAG <i>1-7-07</i><br>(Auto 90 day)                                      |
| Request for Arbitration  | <input type="checkbox"/> ARB <i>1-7-09</i><br>(Non-Auto)                            | <input type="checkbox"/> ARB <i>1-7-09</i><br>(Non-Auto)   |
| Introduce or change c-t-c service tariffs  | <input type="checkbox"/> ATA <i>1-7-14</i><br>(Auto 30 days)                        | <input type="checkbox"/> ATA <i>1-7-14</i><br>(Auto 30 days)                                     |
| Request rural carrier exemption, rural carrier suspension or modification  | <input type="checkbox"/> UNC <i>1-7-04 or 05</i><br>(Non-Auto)                      |  |
| Changes in rates, terms & conditions to Pole Attachment, Conduit Occupancy and Rights-of-Way. (13-579-AU-ORD 11/30/16 Entry) | <input type="checkbox"/> ATA <i>1-3-04</i><br>(Auto 60 days)                        |  |
| <b>Wireless Providers</b> See 4901:1-6-24  | <input type="checkbox"/> RCC<br>[Registration &<br>Change in Operations]<br>(0 day) | <input type="checkbox"/> NAG<br>[Interconnection<br>Agreement or<br>Amendment] (Auto 90<br>days) |

**Section IV. – Attestation**

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

**AFFIDAVIT**  
***Compliance with Commission Rules***

I am an officer/agent of the applicant corporation, Granite \_\_\_\_\_, and am authorized to make this statement on its behalf.  
Paula Foley \_\_\_\_\_  
(Name)

Please check ALL that apply:

I attest that these tariffs comply with all applicable rules for the State of Ohio. I understand that tariff notification filings do not imply Commission approval and that the Commission’s rules, as modified and clarified from time to time, supersede any contradictory provisions in our tariff. We will fully comply with the rules of the State of Ohio and understand that noncompliance can result in various penalties, including the suspension of our certificate to operate within the State of Ohio.

I attest that customer notices accompanying this filing form were sent to affected customers, as specified in Section II, in accordance with Ohio Adm.Code 4901:1-6-7.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on \_\_\_\_\_  
(Date) 3/30/18 at (Location) 100 Newport Avenue Extension, Quincy, MA 02171

\*Signature and Title Paula Foley Digitally signed by Paula Foley  
DN: cn = Paula Foley, o = Granite  
Telecommunications, LLC, ou = Legal &  
Regulatory Counsel,  
email = paula.foley@granite.net.com, c = US  
Date: 2018.03.30 11:03:55 -0400 Date 3/30/18

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

**VERIFICATION**

I, \_\_\_\_\_, verify that I have utilized the Telecommunications Filing Form for most proceedings provided by the Commission and that all of the information submitted here, and all additional information submitted in connection with this case, is true and correct to the best of my knowledge.

\*Signature and Title Paula Foley Digitally signed by Paula Foley  
DN: cn = Paula Foley, o = Granite  
Telecommunications, LLC, ou = Legal &  
Regulatory Counsel,  
email = paula.foley@granite.net.com, c = US  
Date: 2018.03.30 11:03:55 -0400 Date 3/30/18

*\*Verification is required for every filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the applicant.*

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

***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**

**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 WHOLESAL, 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: eSigned - Rand Currier

Signature: eSigned - William Bockelman

Name: eSigned - Rand Currier  
(Print or Type)

Name: eSigned - William Bockelman  
(Print or Type)

Title: COO  
(Print or Type)

Title: DIR-INTERCONNECTION AGREEMENTS  
(Print or Type)

Date: 15 Dec 2017

Date: 15 Dec 2017

**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 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:

1. 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 at <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



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<br>Pricing Tiers | 12-State Monthly Rates |                 |                 | Discounts |          |          |
|----------------------------------|------------------------|-----------------|-----------------|-----------|----------|----------|
|                                  | 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  |
| <b>12-State Base Rate</b>        | <b>\$ 38.00</b>        | <b>\$ 39.00</b> | <b>\$ 40.00</b> |           |          |          |

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<br>Pricing Tier | 12-State Monthly Rates |                 |                 | Discounts |         |         |
|---------------------------------|------------------------|-----------------|-----------------|-----------|---------|---------|
|                                 | 2018                   | 2019            | 2020            | 2018      | 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 |
| <b>12-State Base Rate</b>       | <b>\$ 32.00</b>        | <b>\$ 33.00</b> | <b>\$ 34.00</b> |           |         |         |

- 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 Volumes if the following conditions are met.

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

- 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:

- 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.
18. 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

| 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        | AR    | 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           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)   |                        | U5RBX |      | \$39.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)   |                        | U5RBX |      | \$40.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)  |                        | U5RRX |      | \$32.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)  |                        | U5RRX |      | \$33.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | 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        | AR    | OPTIONAL SERVICES                   | Privacy Manager per Port-Business  |                        | UKLXB |      | \$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 |      | \$0.001500                     | NA                               | NA                                    | MOU                |
| LWC        | AR    | LWC USAGE                           | Terminating  |                        | ZZUWC |      | \$0.001500                     | NA                               | NA                                    | MOU                |
| LWC        | AR    | OPTIONAL EAS FUNCTIONALITY          | Line Class Code - One-way Optional Extended Area   |                        | OLK0X |      | \$3.00                         | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | SERVICE ORDER CHARGES               | Record Order for Wholesale Complete per Order  |                        | NRFWB |      | NA                             | \$7.50                           | \$0.00                                | per order          |
| LWC        | AR    | SERVICE ORDER CHARGES               | Manual Service Order Charge  |                        |       |      | NA                             | \$50.00                          | \$0.00                                | per LSR            |
| LWC        | AR    | OTHER CHARGES                       | Service Order Expedite Request - per incident  |                        |       |      | NA                             | 200.00                           | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | Bill Inquiry (per claim)   |                        |       |      | NA                             | \$25.00                          | \$0.00                                | per claim          |
| LWC        | AR    | OTHER CHARGES                       | Non-EFI (electronic funds interface/transfer)  |                        |       |      | NA                             | \$25.00                          | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | Duplicate CABS Bill Charge   |                        |       |      | NA                             | \$25.00                          | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | Flat Rate False Dispatch Charge  |                        |       |      | NA                             | \$75.00                          | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | False Tech 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                                    | per message        |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Directory Assistance (DA) blended Rate for 1   |                        | ZZU03 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completion (DACC) per call   |                        | ZZU07 |      | \$0.15                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | National DA (NDA) per call   |                        | ZZU05 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Business Search Category (BCS) per call  |                        | ZZU0B |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)   |                        | ZZU08 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Directory Assistance Non-Pub Emergency Service   |                        |       |      | \$2.00                         | NA                               | 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                               | NA                                    | per call           |
| LWC        | AR    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance -Rate Reference-Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | AR    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference-Subsequent Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |
| 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)   |                        | ZZU01 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | AR    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)  |                        | ZZU02 |      | \$0.020000                     | NA                               | NA                                    | per work second    |
| LWC        | AR    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Branding Initial/Subsequent Load  |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | AR    | BRANDING - OPERATOR CALL PROCESSING | 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           |
| 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  
 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 | Non-Recurring Charge (NRC) Additional | Per Unit |
|------------|-------|-------------------------------------|---|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|----------|
| LWC        | AR    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load |

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 | 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 1/1/2020 - 12/31/2020)   |                        |      |      | 40.00                          |                                  |                                       |   |
| LWC        | CA    | LWC USAGE                       | Residential  |                        |      |      | 0.0015                         |                                  |                                       | per LWCAL, calculated per end office per billing period |
| LWC        | CA    | LWC USAGE                       | Business   |                        |      |      | 0.0015                         |                                  |                                       | per LWCAL, calculated per end office per billing 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                           | NA                               | NA                                    | Call  |
| 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 |                        |      |      | 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 - 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  |                        |      |      | 0.025                          | 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                  |                        |      |      | NA                             | 2200.00                          | NA                                    | State/In-Region   |
| LWC        | CA    | BRANDING - DIRECTORY ASSISTANCE | Directory Assistance - Rate Reference Subsequent Load per state/In-Region – Local and IntraLATA rates - Residential            |                        |      |      | NA                             | NA                               | 1000.00                               | State/In-Region   |

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 | Non-Recurring Charge (NRC) Additional | Per Unit                 |
|------------|-------|-------------------------------------|--|------------------------|------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------------|
| LWC        | CA    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Subsequent Load per state/In-Region – Local and IntraLATA rates - Business   |                        |      |      | NA                             | NA                               | 1000.00                               | State/In-Region          |
| LWC        | CA    | DIRECTORY LISITINGS                 | Non-List, Non-Pub, Foreign, enhanced, additional, 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              |                        |      |      |                                |                                  |                                       |                          |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operated Services - Fully Automated Call Processing (Per completed automated call) - Residential                   |                        |      |      | 0.15                           | NA                               | NA                                    | Completed automated call |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operated Services - Fully Automated Call Processing (Per completed automated call) - Business                      |                        |      |      | 0.15                           | NA                               | NA                                    | Completed automated call |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operator Services - Operator Assisted Call Processing (Per work second) - Residential                              |                        |      |      | 0.02                           | NA                               | NA                                    | Work second              |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operator Services - Operator Assisted Call Processing (Per work second) - Business                                 |                        |      |      | 0.02                           | NA                               | NA                                    | Work second              |
| LWC        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load per OS Switch - Residential                                   |                        |      |      | NA                             | 1800.00                          | 1800.00                               | OS Switch                |
| LWC        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load 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    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Per call - Business   |                        |      |      | 0.025                          | NA                               | NA                                    | Call                     |
| LWC        | CA    | 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          |
| LWC        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Initial Load per state/In-Region – Local and IntraLATA rates - Business       |                        |      |      | NA                             | 2200.00                          | NA                                    | State/In-Region          |
| LWC        | CA    | 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        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Subsequent Load per state/In-Region – Local and IntraLATA rates - Business    |                        |      |      | 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                           |                                  |                                       | Message                  |
| LWC        | CA    | ALTERNATELY BILLED TRAFFIC          | ABT Billing and Collection, per message fee - Business   |                        |      |      | 0.05                           |                                  |                                       | Message                  |



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|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|-----------------|
| 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     |
| LWC        | IL    | DIRECTORY LISTINGS                  | Non-List, Non-Pub, Foreign, enhanced, additional, 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   | WSK,WSQ                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | IL    | DIRECTORY ASSISTANCE                | National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call | WSK,WSQ                |       |      | \$0.37                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | IL    | DIRECTORY ASSISTANCE                | Directory Assistance Non-Pub Emergency Service - per call  |                        |       |      | \$2.00                         |                                  |                                       | per call        |
| LWC        | IL    | DIRECTORY ASSISTANCE                | Directory Assistance-Branding - Other - Initial/Subsequent Load per OS switch                                    |                        |       |      | \$0.00                         | 1,800.00                         | 1,800.00                              | per switch      |
| LWC        | IL    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding-per call   | WSK,WSQ                |       |      | \$0.025                        |                                  |                                       | per call        |
| LWC        | IL    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference Initial Load   |                        |       |      | \$0.00                         | \$2,200.00                       |                                       | per load        |
| LWC        | IL    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference Subsequent Load  |                        |       |      | \$0.00                         | \$0.00                           | \$1,000.00                            | per load        |
| LWC        | IL    | OPERATOR SERVICES                   | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | IL    | OPERATOR SERVICES                   | Operator Services-Operator Assisted Call Processing (Per work second)  | WSK,WSQ                |       |      | \$0.02                         | \$0.00                           | \$0.00                                | per work second |
| 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 |      | \$38.00                        | NA                               | NA                                    | per line        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                       | WSK                    | U5RBX |      | \$39.00                        | NA                               | NA                                    | per line        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$40.00                        | 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 |      | \$32.00                        | NA                               | NA                                    | per line        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$33.00                        | NA                               | NA                                    | per line        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$34.00                        | 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    | LWC USAGE                           | Originating  | WSK,WSQ                | ZZUWC |      | \$0.0015                       | 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                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IL    | OTHER CHARGES                       | Duplicate CABS Bill charge   | WSK,WSQ                | OBMDW |      | \$0.00                         | \$25.00                          | \$0.00                                |                 |
| LWC        | IL    | 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  | 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      |
| LWC        | IN    | ALTERNATELY BILLED TRAFFIC | ABT Billing and Collection, per message fee  |                        |       |      | \$ 0.05                        |                                  |                                       | per message     |
| LWC        | IN    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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        |
| LWC        | IN    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; 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        |
| LWC        | IN    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per 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        |
| LWC        | IN    | OPERATOR SERVICES          | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$ 0.15                        | \$0.00                           | \$0.00                                | per call        |
| LWC        | IN    | OPERATOR SERVICES          | Operator Services-Operator Assisted Call Processing (Per work 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                         | 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                         | \$ 2,200.00                      |                                       | per load        |
| LWC        | IN    | OPERATOR SERVICES          | Operator Services-Rate Reference-Subsequent Load   |                        |       |      | \$0.00                         | \$0.00                           | \$ 1,000.00                           | per load        |
| LWC        | IN    | 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        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                       | WSK                    | U5RBX |      | \$39.00                        | NA                               | NA                                    | per line        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$40.00                        | NA                               | NA                                    | per line        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                      | WSQ                    | U5RRX |      | \$32.00                        | NA                               | NA                                    | per line        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$33.00                        | NA                               | NA                                    | per line        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (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        | IN    | LWC USAGE                  | Originating  | WSK,WSQ                | ZZUWC |      | \$0.0015                       | NA                               | NA                                    | MOU             |
| LWC        | IN    | LWC USAGE                  | Terminating  | WSK,WSQ                | ZZUWC |      | \$0.0015                       | NA                               | NA                                    | MOU             |
| LWC        | IN    | OTHER CHARGES              | Service Order Expedite Request - per incident  |                        |       |      |                                | 200.00                           | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | False Tech Dispatch (CLEC Fault)   | WSK,WSQ                | VRP   |      |                                | \$75.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | Bill Inquiry/Dispute (Charges sustained)   | WSK,WSQ                | BCZ1W |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | Non-EFT payment or credit  | WSK,WSQ                | N3RVV |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | Duplicate CABS Bill charge   | WSK,WSQ                | OBMDW |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| 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  | Zone | Monthly Recurring 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           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)   |                        | U5RBX |      | \$39.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)   |                        | U5RBX |      | \$40.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)  |                        | U5RRX |      | \$32.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)  |                        | U5RRX |      | \$33.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | 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        | 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        | 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                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance Call Completion (DACC) per call   |                        | ZZUO7 |      | \$0.15                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | National DA (NDA) per call   |                        | ZZUO5 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Business Search Category (BCS) per call  |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Reverse Directory Assistance (RDA)   |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance Non-Pub Emergency Service   |                        |       |      | \$2.00                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance-Branding Initial/Subsequent Load  |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance-Branding per Call   |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance -Rate Reference-Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | 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           |
| LWC        | KS    | OPERATOR SERVICES                | 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           |
| LWC        | KS    | OPERATOR SERVICES                | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | KS    | OPERATOR SERVICES                | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |

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 | Non-Recurring Charge (NRC) Additional | Per Unit        |
|------------|-------|----------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|-----------------|
| LWC        | MI    | E911                       | 911 Database Management ANI/ALI/SR Per 100 Records   | OE9XX                  | 9S89X |      | \$ 3.93                        |                                  |                                       | per record      |
| LWC        | MI    | ALTERNATELY BILLED TRAFFIC | ABT Billing and Collection, per message fee  |                        |       |      | \$ 0.05                        |                                  |                                       | per message     |
| LWC        | MI    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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 Call Completion (DACC) - per call   | WSK,WSQ                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | MI    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; 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        |
| LWC        | MI    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per 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        |
| LWC        | MI    | OPERATOR SERVICES          | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$ 0.15                        | \$0.00                           | \$0.00                                | per call        |
| LWC        | MI    | OPERATOR SERVICES          | Operator Services-Operator Assisted Call Processing (Per work second)  | WSK,WSQ                |       |      | \$ 0.02                        | \$0.00                           | \$0.00                                | per work second |
| LWC        | MI    | OPERATOR SERVICES          | Operator Services-Branding Initial/Subsequent Load per OS Switch   |                        |       |      | \$0.00                         | 1,800.00                         | 1,800.00                              | per switch      |
| LWC        | MI    | 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        |
| LWC        | MI    | 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        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                       | WSK                    | U5RBX |      | \$39.00                        | NA                               | NA                                    | per line        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$40.00                        | NA                               | NA                                    | per line        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                      | WSQ                    | U5RRX |      | \$32.00                        | NA                               | NA                                    | per line        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$33.00                        | NA                               | NA                                    | per line        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$34.00                        | 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  |                        |       |      |                                | 200.00                           | \$0.00                                | per incident    |
| LWC        | MI    | OTHER CHARGES              | Bill Inquiry/Dispute (Charges sustained)   | WSK,WSQ                | BCZ1W |      | \$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    |
| LWC        | MI    | 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  | Zone | Monthly Recurring Charge (MRC) | Non-Recurring Charge (NRC) First | Non-Recurring Charge (NRC) Additional | Per Unit           |
|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------|
| LWC        | MO    | 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           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                 |                        | U5RBX |      | \$39.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                 |                        | U5RBX |      | \$40.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                |                        | U5RRX |      | \$32.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                |                        | U5RRX |      | \$33.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | 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                         |                                  |                                       | per port           |
| LWC        | MO    | OPTIONAL SERVICES                   | Privacy Manager per Port-Residence   |                        | UKLRX |      | \$3.50                         |                                  |                                       | per port           |
| LWC        | MO    | LWC USAGE                           | Originating  |                        | ZZUWC |      | \$0.001500                     |                                  |                                       | MOU                |
| LWC        | MO    | 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 sustained)   |                        |       |      | 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        | MO    | OTHER CHARGES                       | False Technician Dispatch  |                        |       |      | NA                             | \$75.00                          | \$0.00                                | per incident       |
| LWC        | MO    | ALTERNATELY BILLED TRAFFIC          | Accounts Receivable Discount Off Retail Tariff   |                        | 280   |      | 30.00%                         | NA                               | NA                                    |                    |
| LWC        | MO    | 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                               | NA                                    | per call           |
| LWC        | MO    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completeion (DACC) per call  |                        | ZZUO7 |      | \$0.15                         | NA                               | 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  |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | MO    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)   |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | MO    | 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 |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | MO    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Branding per Call   |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | MO    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Initial Load per AT&T state/In-Region - Local and IntraLATA rates    |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | MO    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates |                        | NRBDM |      | NA                             | NA                               | \$1,000.00                            | per load           |
| LWC        | MO    | DIRECTORY LISTINGS                  | Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type                   |                        |       |      |                                |                                  |                                       |                    |
| LWC        | MO    | OPERATOR CALL PROCESSING            | Operated Services-Fully Automated Call Processing (Per Completed automated call)                           |                        | ZZUO1 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | MO    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)                                      |                        | ZZUO2 |      | \$0.020000                     | NA                               | NA                                    | 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  |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | MO    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Initial Load per AT&T state/In-Region - Local and IntraLATA rates     |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | MO    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |

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 | 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 |
| 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                           | 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 |                        |      |      | 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 - Business    |                        |      |      | 0.37                           | NA                               | NA                                    | Call  |
| LWC        | NV    | DIRECTORY ASSISTANCE            | Directory Assistance Call Completion (DACC) - per call - 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  |                        |      |      | 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                             | 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                  |                        |      |      | 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                               | 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               |                        |      |      | 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                       |                        |      |      |                                |                                  |                                       |   |

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 | Non-Recurring Charge (NRC) Additional | Per Unit                 |
|------------|-------|-------------------------------------|--|------------------------|------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------------|
| LWC        | NV    | DIRECTORY ASSISTANCE                | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or 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 |
| LWC        | NV    | OPERATOR CALL PROCESSING            | Operated Services - Fully Automated Call Processing (Per completed automated call) - Business                      |                        |      |      | 0.15                           | NA                               | NA                                    | Completed 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                                 |                        |      |      | 0.02                           | NA                               | NA                                    | Work second              |
| LWC        | NV    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load per OS Switch - Residential                                   |                        |      |      | NA                             | 1800.00                          | 1800.00                               | OS Switch                |
| LWC        | NV    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load 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                     |
| 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          |
| LWC        | NV    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Initial Load per state/In-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    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Subsequent Load per state/In-Region – Local and IntraLATA rates - Business    |                        |      |      | NA                             | 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                  |

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 | 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     |
| LWC        | OH    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call | WSK,WSQ                |       |      | \$0.37                         | NA                               | NA                                    | per call        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance Non-Pub Emergency Service - per call  |                        |       |      | \$2.00                         | NA                               | NA                                    | per call        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per OS switch                                    |                        |       |      | NA                             | 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        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance - Rate Reference Initial Load per AT&T state/In-Region - Local and IntraLATA rates          |                        |       |      | NA                             | \$ 2,200.00                      | NA                                    | per load        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance - Rate Reference Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates       |                        |       |      | NA                             | NA                               | \$ 1,000.00                           | per load        |
| LWC        | OH    | OPERATOR SERVICES          | Operated Services - Fully Automated Call Processing (Per completed automated call)                               | WSK,WSQ                |       |      | \$ 0.15                        | NA                               | NA                                    | per call        |
| LWC        | OH    | OPERATOR SERVICES          | Operator Services - Operator Assisted Call Processing (Per work second)  | WSK,WSQ                |       |      | \$ 0.02                        | NA                               | NA                                    | per work second |
| LWC        | OH    | 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 Per call  | WSK,WSQ                |       |      | \$0.025                        | NA                               | NA                                    | per call        |
| LWC        | OH    | OPERATOR SERVICES          | Operator Services - Rate Reference - Initial Load per AT&T state/In-Region - Local and IntraLATA rates           |                        |       |      | NA                             | \$ 2,200.00                      | NA                                    | per load        |
| LWC        | OH    | OPERATOR SERVICES          | Operator Services - Rate Reference - Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates        |                        |       |      | NA                             | NA                               | \$ 1,000.00                           | per load        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)                       | WSK                    | U5RBX |      | \$38.00                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                       | WSK                    | U5RBX |      | \$39.00                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$40.00                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                      | WSQ                    | U5RRX |      | \$32.00                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$33.00                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (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        | 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                       |                                  |                                       | 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                               | per incident    |
| LWC        | OH    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         |                                  |                                       | per line        |



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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        | OK    | 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           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)   |                        | U5RBX |      | \$39.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)   |                        | U5RBX |      | \$40.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)  |                        | U5RRX |      | \$32.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)  |                        | U5RRX |      | \$33.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | 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        | 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        | 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                             | \$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   |                        | ZZU03 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completion (DACC) per call   |                        | ZZU07 |      | \$0.15                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | National DA (NDA) per call   |                        | ZZU05 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | Business Search Category (BCS) per call  |                        | ZZU0B |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)   |                        | ZZU08 |      | \$0.37                         | NA                               | 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                             | \$1,800.00                       | \$1,800.00                            | per line           |
| LWC        | OK    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding per Call   |                        | ZZUCB |      | \$0.002500                     | NA                               | NA                                    | per call           |
| LWC        | OK    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance -Rate Reference-Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per LSR            |
| LWC        | OK    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference-Subsequent Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per claim          |
| LWC        | OK    | DIRECTORY LISTINGS                  | Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type   |                        |       |      |                                |                                  |                                       |                    |
| LWC        | OK    | OPERATOR SERVICES                   | Operated Services-Fully Automated Call Processing (Per Completed automated call)   |                        | ZZU01 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | OK    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)  |                        | ZZU02 |      | \$0.020000                     | NA                               | NA                                    | per incident       |
| LWC        | OK    | OPERATOR SERVICES                   | Operator Services - Facilities Based Branding Initial/Subsequent Load  |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | OK    | BRANDING - OPERATOR CALL PROCESSING | 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 incident       |
| LWC        | OK    | OPERATOR SERVICES                   | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | OK    | OPERATOR SERVICES                   | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |

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 | Non-Recurring Charge (NRC) Additional | Per Unit |
|------------|-------|-------------------------------------|---|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|----------|
| LWC        | OK    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load |

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 | Non-Recurring Charge (NRC) Additional | Per Unit           |
|------------|-------|-------------------------------------|---|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------|
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)  |                        | USRBX |      | \$38.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)  |                        | USRBX |      | \$39.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)  |                        | USRBX |      | \$40.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018) |                        | USRXX |      | \$32.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019) |                        | USRXX |      | \$33.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020) |                        | USRXX |      | \$34.00                        | \$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                                    | 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                             | \$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  |                        | ZZU03 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completion (DACC) per call  |                        | ZZU07 |      | \$0.15                         | NA                               | NA                                    | per port           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | National DA (NDA) per call  |                        | ZZU05 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Business Search Category (BCS) per call   |                        | ZZU0B |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)  |                        | ZZU08 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Directory Assistance Non-Pub Emergency Service  |                        |       |      | \$2.00                         | NA                               | NA                                    | per call           |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding Initial/Subsequent Load                                       |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per line           |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding per Call  |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance -Rate Reference-Initial Load   |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per LSR            |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | 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    | OPERATOR SERVICES                   | Operated Services-Fully Automated Call Processing (Per Completed automated call)            |                        | ZZU01 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | TX    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)                       |                        | ZZU02 |      | \$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           |

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 | Non-Recurring Charge (NRC) Additional | Per Unit |
|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|----------|
| LWC        | TX    | BRANDING - OPERATOR CALL PROCESSING | 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 |
| LWC        | TX    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load |
| LWC        | TX    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load |

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 | 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     |
| LWC        | WI    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | WI    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; 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        |
| LWC        | WI    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per 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        |
| LWC        | WI    | OPERATOR SERVICES          | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$ 0.15                        | \$0.00                           | \$0.00                                | per call        |
| LWC        | WI    | OPERATOR SERVICES          | Operator Services-Operator Assisted Call Processing (Per work 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                         | 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                         | \$ 2,200.00                      |                                       | 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                    | U5RBX |      | \$39.00                        | 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 |      | \$40.00                        | 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 |      | \$32.00                        | NA                               | NA                                    | per line        |
| LWC        | WI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$33.00                        | NA                               | NA                                    | per line        |
| LWC        | WI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$34.00                        | 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                         | \$50.00                          | \$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                                    | 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                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | WI    | OTHER CHARGES              | Duplicate CABS Bill charge   | WSK,WSQ                | OBMDW |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | WI    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         | NA                               | NA                                    | per line        |

PRICING SHEETS  
EXHIBIT A  
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) First | Non-Recurring Charge (NRC) Additional | Per Unit           |
|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------|
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)   |                        | U5RBX |      | \$27.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)   |                        | U5RBX |      | \$29.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | 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           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)  |                        | U5RRX |      | \$28.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)  |                        | U5RRX |      | \$29.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)  |                        | U5RRX |      | \$30.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | OPTIONAL SERVICES                   | Privacy Manager per Port-Business  |                        | UKLXB |      | \$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 |      | \$0.001500                     | NA                               | NA                                    | MOU                |
| LWC        | AR    | LWC USAGE                           | Terminating  |                        | ZZUWC |      | \$0.001500                     | NA                               | NA                                    | MOU                |
| LWC        | AR    | OPTIONAL EAS FUNCTIONALITY          | Line Class Code - One-way Optional Extended Area   |                        | OLK0X |      | \$3.00                         | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | SERVICE ORDER CHARGES               | Record Order for Wholesale Complete per Order  |                        | NRFWB |      | NA                             | \$7.50                           | \$0.00                                | per order          |
| LWC        | AR    | SERVICE ORDER CHARGES               | Manual Service Order Charge  |                        |       |      | NA                             | \$50.00                          | \$0.00                                | per LSR            |
| LWC        | AR    | OTHER CHARGES                       | Service Order Expedite Request - per incident  |                        |       |      | NA                             | 200.00                           | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | Bill Inquiry (per claim)   |                        |       |      | NA                             | \$25.00                          | \$0.00                                | per claim          |
| LWC        | AR    | OTHER CHARGES                       | Non-EFI (electronic funds interface/transfer)  |                        |       |      | NA                             | \$25.00                          | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | Duplicate CABS Bill Charge   |                        |       |      | NA                             | \$25.00                          | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | Flat Rate False Dispatch Charge  |                        |       |      | NA                             | \$75.00                          | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | False Tech 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                                    | per message        |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Directory Assistance (DA) blended Rate for 1   |                        | ZZU03 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completion (DACC) per call   |                        | ZZU07 |      | \$0.15                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | National DA (NDA) per call   |                        | ZZU05 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Business Search Category (BCS) per call  |                        | ZZU0B |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)   |                        | ZZU08 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Directory Assistance Non-Pub Emergency Service   |                        |       |      | \$2.00                         | NA                               | 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                               | NA                                    | per call           |
| LWC        | AR    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance -Rate Reference-Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | AR    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference-Subsequent Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |
| 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)   |                        | ZZU01 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | AR    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)  |                        | ZZU02 |      | \$0.020000                     | NA                               | NA                                    | per work second    |
| LWC        | AR    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Branding Initial/Subsequent Load  |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | AR    | BRANDING - OPERATOR CALL PROCESSING | 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           |
| LWC        | AR    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | 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 | Non-Recurring Charge (NRC) Additional | Per Unit |
|------------|-------|-------------------------------------|---|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|----------|
| LWC        | AR    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference - Subsequent 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) | Non-Recurring Charge (NRC) First | 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                       | Business   |                        |      |      | 0.0015                         |                                  |                                       | per LWCAL, calculated per end office per billing 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                           | NA                               | NA                                    | Call  |
| 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 |                        |      |      | 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 - 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  |                        |      |      | 0.025                          | 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                  |                        |      |      | NA                             | 2200.00                          | NA                                    | State/In-Region   |
| LWC        | CA    | BRANDING - DIRECTORY ASSISTANCE | Directory Assistance - Rate Reference Subsequent Load 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 | Non-Recurring Charge (NRC) Additional | Per Unit                 |
|------------|-------|-------------------------------------|--|------------------------|------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------------|
| LWC        | CA    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Subsequent Load per state/In-Region – Local and IntraLATA rates - Business   |                        |      |      | NA                             | NA                               | 1000.00                               | State/In-Region          |
| LWC        | CA    | DIRECTORY LISITINGS                 | Non-List, Non-Pub, Foreign, enhanced, additional, 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              |                        |      |      |                                |                                  |                                       |                          |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operated Services - Fully Automated Call Processing (Per completed automated call) - Residential                   |                        |      |      | 0.15                           | NA                               | NA                                    | Completed automated call |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operated Services - Fully Automated Call Processing (Per completed automated call) - Business                      |                        |      |      | 0.15                           | NA                               | NA                                    | Completed automated call |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operator Services - Operator Assisted Call Processing (Per work second) - Residential                              |                        |      |      | 0.02                           | NA                               | NA                                    | Work second              |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operator Services - Operator Assisted Call Processing (Per work second) - Business                                 |                        |      |      | 0.02                           | NA                               | NA                                    | Work second              |
| LWC        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load per OS Switch - Residential                                   |                        |      |      | NA                             | 1800.00                          | 1800.00                               | OS Switch                |
| LWC        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load 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    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Per call - Business   |                        |      |      | 0.025                          | NA                               | NA                                    | Call                     |
| LWC        | CA    | 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          |
| LWC        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Initial Load per state/In-Region – Local and IntraLATA rates - Business       |                        |      |      | NA                             | 2200.00                          | NA                                    | State/In-Region          |
| LWC        | CA    | 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        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Subsequent Load per state/In-Region – Local and IntraLATA rates - Business    |                        |      |      | 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                           |                                  |                                       | Message                  |
| 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 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     |
| LWC        | IL    | DIRECTORY LISTINGS                  | Non-List, Non-Pub, Foreign, enhanced, additional, 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   | WSK,WSQ                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | IL    | DIRECTORY ASSISTANCE                | National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call | WSK,WSQ                |       |      | \$0.37                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | IL    | DIRECTORY ASSISTANCE                | Directory Assistance Non-Pub Emergency Service - per call  |                        |       |      | \$2.00                         |                                  |                                       | per call        |
| LWC        | IL    | DIRECTORY ASSISTANCE                | Directory Assistance-Branding - Other - Initial/Subsequent Load per OS switch                                    |                        |       |      | \$0.00                         | 1,800.00                         | 1,800.00                              | per switch      |
| LWC        | IL    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding-per call   | WSK,WSQ                |       |      | \$0.025                        |                                  |                                       | per call        |
| LWC        | IL    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference Initial Load   |                        |       |      | \$0.00                         | \$2,200.00                       |                                       | per load        |
| LWC        | IL    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference Subsequent Load  |                        |       |      | \$0.00                         | \$0.00                           | \$1,000.00                            | per load        |
| LWC        | IL    | OPERATOR SERVICES                   | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | IL    | OPERATOR SERVICES                   | Operator Services-Operator Assisted Call Processing (Per work second)  | WSK,WSQ                |       |      | \$0.02                         | \$0.00                           | \$0.00                                | per work second |
| 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 |      | \$27.50                        | NA                               | NA                                    | per line        |
| LWC        | IL    | 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        | IL    | 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        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                      | WSQ                    | U5RRX |      | \$28.00                        | NA                               | NA                                    | per line        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$29.00                        | NA                               | NA                                    | per line        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$30.00                        | 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    | LWC USAGE                           | Originating  | WSK,WSQ                | ZZUWC |      | \$0.0015                       | 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                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IL    | OTHER CHARGES                       | Duplicate CABS Bill charge   | WSK,WSQ                | OBMDW |      | \$0.00                         | \$25.00                          | \$0.00                                |                 |
| LWC        | IL    | OPTIONAL SERVICES                   | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         | NA                               | NA                                    | per line        |

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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      |
| LWC        | IN    | ALTERNATELY BILLED TRAFFIC | ABT Billing and Collection, per message fee  |                        |       |      | \$ 0.05                        |                                  |                                       | per message     |
| LWC        | IN    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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        |
| LWC        | IN    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; 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        |
| LWC        | IN    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per 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        |
| LWC        | IN    | OPERATOR SERVICES          | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$ 0.15                        | \$0.00                           | \$0.00                                | per call        |
| LWC        | IN    | OPERATOR SERVICES          | Operator Services-Operator Assisted Call Processing (Per work 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                         | 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                         | \$ 2,200.00                      |                                       | per load        |
| LWC        | IN    | OPERATOR SERVICES          | Operator Services-Rate Reference-Subsequent Load   |                        |       |      | \$0.00                         | \$0.00                           | \$ 1,000.00                           | per load        |
| LWC        | IN    | 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        | IN    | 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        | IN    | 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        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                      | WSQ                    | U5RRX |      | \$28.00                        | NA                               | NA                                    | per line        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$29.00                        | NA                               | NA                                    | per line        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$30.00                        | 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        | IN    | LWC USAGE                  | Originating  | WSK,WSQ                | ZZUWC |      | \$0.0015                       | NA                               | NA                                    | MOU             |
| LWC        | IN    | LWC USAGE                  | Terminating  | WSK,WSQ                | ZZUWC |      | \$0.0015                       | NA                               | NA                                    | MOU             |
| LWC        | IN    | OTHER CHARGES              | Service Order Expedite Request - per incident  |                        |       |      |                                | 200.00                           | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | False Tech Dispatch (CLEC Fault)   | WSK,WSQ                | VRP   |      |                                | \$75.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | Bill Inquiry/Dispute (Charges sustained)   | WSK,WSQ                | BCZ1W |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | Non-EFT payment or credit  | WSK,WSQ                | N3RVV |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | Duplicate CABS Bill charge   | WSK,WSQ                | OBMDW |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         | NA                               | NA                                    | per line        |

PRICING SHEETS  
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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) 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 |      | \$27.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)   |                        | U5RBX |      | \$29.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | 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           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)  |                        | U5RRX |      | \$28.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)  |                        | U5RRX |      | \$29.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)  |                        | U5RRX |      | \$30.00                        | \$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        | 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                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance Call Completion (DACC) per call   |                        | ZZUO7 |      | \$0.15                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | National DA (NDA) per call   |                        | ZZUO5 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Business Search Category (BCS) per call  |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Reverse Directory Assistance (RDA)   |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance Non-Pub Emergency Service   |                        |       |      | \$2.00                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance-Branding Initial/Subsequent Load  |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance-Branding per Call   |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance -Rate Reference-Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | 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           |
| LWC        | KS    | OPERATOR SERVICES                | 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           |
| LWC        | KS    | OPERATOR SERVICES                | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | KS    | OPERATOR SERVICES                | Operator Services - Facilities Based Rate Reference - Subsequent 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) | Non-Recurring Charge (NRC) First | Non-Recurring Charge (NRC) Additional | Per Unit        |
|------------|-------|----------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|-----------------|
| LWC        | MI    | E911                       | 911 Database Management ANI/ALI/SR Per 100 Records   | OE9XX                  | 9S89X |      | \$ 3.93                        |                                  |                                       | per record      |
| LWC        | MI    | ALTERNATELY BILLED TRAFFIC | ABT Billing and Collection, per message fee  |                        |       |      | \$ 0.05                        |                                  |                                       | per message     |
| LWC        | MI    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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 Call Completion (DACC) - per call   | WSK,WSQ                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | MI    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; 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        |
| LWC        | MI    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per 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        |
| LWC        | MI    | OPERATOR SERVICES          | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$ 0.15                        | \$0.00                           | \$0.00                                | per call        |
| LWC        | MI    | OPERATOR SERVICES          | Operator Services-Operator Assisted Call Processing (Per work second)  | WSK,WSQ                |       |      | \$ 0.02                        | \$0.00                           | \$0.00                                | per work second |
| LWC        | MI    | OPERATOR SERVICES          | Operator Services-Branding Initial/Subsequent Load per OS Switch   |                        |       |      | \$0.00                         | 1,800.00                         | 1,800.00                              | per switch      |
| LWC        | MI    | 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        |
| LWC        | MI    | 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        | MI    | 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        | MI    | 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        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                      | WSQ                    | U5RRX |      | \$28.00                        | NA                               | NA                                    | per line        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$29.00                        | NA                               | NA                                    | per line        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$30.00                        | 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  |                        |       |      |                                | 200.00                           | \$0.00                                | per incident    |
| LWC        | MI    | OTHER CHARGES              | Bill Inquiry/Dispute (Charges sustained)   | WSK,WSQ                | BCZ1W |      | \$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    |
| LWC        | MI    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         | NA                               | NA                                    | per line        |

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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        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)                 |                        | U5RBX |      | \$27.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                 |                        | U5RBX |      | \$29.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | 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           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                |                        | U5RRX |      | \$28.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                |                        | U5RRX |      | \$29.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                |                        | U5RRX |      | \$30.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | OPTIONAL SERVICES                   | Privacy Manager per Port-Business  |                        | UKLBX |      | \$3.50                         |                                  |                                       | per port           |
| LWC        | MO    | OPTIONAL SERVICES                   | Privacy Manager per Port-Residence   |                        | UKLRX |      | \$3.50                         |                                  |                                       | per port           |
| LWC        | MO    | LWC USAGE                           | Originating  |                        | ZZUWC |      | \$0.001500                     |                                  |                                       | MOU                |
| LWC        | MO    | 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 sustained)   |                        |       |      | 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        | MO    | OTHER CHARGES                       | False Technician Dispatch  |                        |       |      | NA                             | \$75.00                          | \$0.00                                | per incident       |
| LWC        | MO    | ALTERNATELY BILLED TRAFFIC          | Accounts Receivable Discount Off Retail Tariff   |                        | 280   |      | 30.00%                         | NA                               | NA                                    |                    |
| LWC        | MO    | 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                               | NA                                    | per call           |
| LWC        | MO    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completeion (DACC) per call  |                        | ZZUO7 |      | \$0.15                         | NA                               | 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  |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | MO    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)   |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | MO    | 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 |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | MO    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Branding per Call   |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | MO    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Initial Load per AT&T state/In-Region - Local and IntraLATA rates    |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | MO    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates |                        | NRBDM |      | NA                             | NA                               | \$1,000.00                            | per load           |
| LWC        | MO    | DIRECTORY LISTINGS                  | Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type                   |                        |       |      |                                |                                  |                                       |                    |
| LWC        | MO    | OPERATOR CALL PROCESSING            | Operated Services-Fully Automated Call Processing (Per Completed automated call)                           |                        | ZZUO1 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | MO    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)                                      |                        | ZZUO2 |      | \$0.020000                     | NA                               | NA                                    | 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  |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | MO    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Initial Load per AT&T state/In-Region - Local and IntraLATA rates     |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | MO    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |

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 EXHIBIT A  
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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        | 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                           | 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 |                        |      |      | 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 - Business    |                        |      |      | 0.37                           | NA                               | NA                                    | Call  |
| LWC        | NV    | DIRECTORY ASSISTANCE            | Directory Assistance Call Completion (DACC) - per call - 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  |                        |      |      | 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                             | 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                  |                        |      |      | 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                               | 1000.00                               | State/In-Region   |

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 EXHIBIT A  
 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) First | Non-Recurring Charge (NRC) Additional | Per Unit                 |
|------------|-------|-------------------------------------|--|------------------------|------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------------|
| LWC        | NV    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Subsequent Load per state/In-Region – Local and IntraLATA rates - Business   |                        |      |      | 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           |                        |      |      |                                |                                  |                                       |                          |
| LWC        | NV    | DIRECTORY ASSISTANCE                | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or 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 |
| LWC        | NV    | OPERATOR CALL PROCESSING            | Operated Services - Fully Automated Call Processing (Per completed automated call) - Business                      |                        |      |      | 0.15                           | NA                               | NA                                    | Completed 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                                 |                        |      |      | 0.02                           | NA                               | NA                                    | Work second              |
| LWC        | NV    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load per OS Switch - Residential                                   |                        |      |      | NA                             | 1800.00                          | 1800.00                               | OS Switch                |
| LWC        | NV    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load 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                     |
| 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          |
| LWC        | NV    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Initial Load per state/In-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    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Subsequent Load per state/In-Region – Local and IntraLATA rates - Business    |                        |      |      | NA                             | 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                  |



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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        | 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     |
| LWC        | OH    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call | WSK,WSQ                |       |      | \$0.37                         | NA                               | NA                                    | per call        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance Non-Pub Emergency Service - per call  |                        |       |      | \$2.00                         | NA                               | NA                                    | per call        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per OS switch                                    |                        |       |      | NA                             | 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        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance - Rate Reference Initial Load per AT&T state/In-Region - Local and IntraLATA rates          |                        |       |      | NA                             | \$ 2,200.00                      | NA                                    | per load        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance - Rate Reference Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates       |                        |       |      | NA                             | NA                               | \$ 1,000.00                           | per load        |
| LWC        | OH    | OPERATOR SERVICES          | Operated Services - Fully Automated Call Processing (Per completed automated call)                               | WSK,WSQ                |       |      | \$ 0.15                        | NA                               | NA                                    | per call        |
| LWC        | OH    | OPERATOR SERVICES          | Operator Services - Operator Assisted Call Processing (Per work second)  | WSK,WSQ                |       |      | \$ 0.02                        | NA                               | NA                                    | per work second |
| LWC        | OH    | 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 Per call  | WSK,WSQ                |       |      | \$0.025                        | NA                               | NA                                    | per call        |
| LWC        | OH    | OPERATOR SERVICES          | Operator Services - Rate Reference - Initial Load per AT&T state/In-Region - Local and IntraLATA rates           |                        |       |      | NA                             | \$ 2,200.00                      | NA                                    | per load        |
| LWC        | OH    | OPERATOR SERVICES          | Operator Services - Rate Reference - Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates        |                        |       |      | NA                             | NA                               | \$ 1,000.00                           | per load        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)                       | WSK                    | U5RBX |      | \$27.50                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                       | WSK                    | U5RBX |      | \$29.00                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$30.25                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                      | WSQ                    | U5RRX |      | \$28.00                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$29.00                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$30.00                        |                                  |                                       | 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 |      |                                | \$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                               | per incident    |
| LWC        | OH    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         |                                  |                                       | per line        |

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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        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)   |                        | U5RBX |      | \$27.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)   |                        | U5RBX |      | \$29.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | 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           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)  |                        | U5RRX |      | \$28.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)  |                        | U5RRX |      | \$29.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (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                           | \$0.00                                | per port           |
| LWC        | OK    | 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                             | \$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   |                        | ZZU03 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completion (DACC) per call   |                        | ZZU07 |      | \$0.15                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | National DA (NDA) per call   |                        | ZZU05 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | Business Search Category (BCS) per call  |                        | ZZU0B |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)   |                        | ZZU08 |      | \$0.37                         | NA                               | 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                             | \$1,800.00                       | \$1,800.00                            | per line           |
| LWC        | OK    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding per Call   |                        | ZZUCB |      | \$0.002500                     | NA                               | NA                                    | per call           |
| LWC        | OK    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance -Rate Reference-Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per LSR            |
| LWC        | OK    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference-Subsequent Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per claim          |
| LWC        | OK    | DIRECTORY LISTINGS                  | Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type   |                        |       |      |                                |                                  |                                       |                    |
| LWC        | OK    | OPERATOR SERVICES                   | Operated Services-Fully Automated Call Processing (Per Completed automated call)   |                        | ZZU01 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | OK    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)  |                        | ZZU02 |      | \$0.020000                     | NA                               | NA                                    | per incident       |
| LWC        | OK    | OPERATOR SERVICES                   | Operator Services - Facilities Based Branding Initial/Subsequent Load  |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | OK    | BRANDING - OPERATOR CALL PROCESSING | 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 incident       |
| LWC        | OK    | OPERATOR SERVICES                   | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | OK    | OPERATOR SERVICES                   | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |

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 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) First | Non-Recurring Charge (NRC) Additional | Per Unit |
|------------|-------|-------------------------------------|---|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|----------|
| LWC        | OK    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference - Subsequent 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) | Non-Recurring Charge (NRC) First | Non-Recurring Charge (NRC) Additional | Per Unit           |
|------------|-------|-------------------------------------|---|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------|
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)  |                        | USRBX |      | \$27.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)  |                        | USRBX |      | \$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)  |                        | USRBX |      | \$30.25                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018) |                        | USRRX |      | \$28.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019) |                        | USRRX |      | \$29.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020) |                        | USRRX |      | \$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                                    | 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                             | \$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  |                        | ZZU03 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completion (DACC) per call  |                        | ZZU07 |      | \$0.15                         | NA                               | NA                                    | per port           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | National DA (NDA) per call  |                        | ZZU05 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Business Search Category (BCS) per call   |                        | ZZU0B |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)  |                        | ZZU08 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Directory Assistance Non-Pub Emergency Service  |                        |       |      | \$2.00                         | NA                               | NA                                    | per call           |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding Initial/Subsequent Load                                       |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per line           |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding per Call  |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance -Rate Reference-Initial Load   |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per LSR            |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | 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    | OPERATOR SERVICES                   | Operated Services-Fully Automated Call Processing (Per Completed automated call)            |                        | ZZU01 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | TX    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)                       |                        | ZZU02 |      | \$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           |

PRICING SHEETS  
 EXHIBIT A  
 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) First | Non-Recurring Charge (NRC) Additional | Per Unit |
|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|----------|
| LWC        | TX    | BRANDING - OPERATOR CALL PROCESSING | 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 |
| LWC        | TX    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load |
| LWC        | TX    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load |

PRICING SHEETS  
EXHIBIT A  
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) First | 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     |
| LWC        | WI    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | WI    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; 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        |
| LWC        | WI    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per 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        |
| LWC        | WI    | OPERATOR SERVICES          | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$ 0.15                        | \$0.00                           | \$0.00                                | per call        |
| LWC        | WI    | OPERATOR SERVICES          | Operator Services-Operator Assisted Call Processing (Per work 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                         | 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                         | \$ 2,200.00                      |                                       | 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        |
| LWC        | WI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                      | WSQ                    | U5RRX |      | \$28.00                        | NA                               | NA                                    | per line        |
| LWC        | WI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$29.00                        | NA                               | NA                                    | per line        |
| LWC        | WI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (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 |      | NA                             | \$7.50                           | \$0.00                                | per LSR         |
| LWC        | WI    | SERVICE ORDER CHARGES      | Manual Service Order charge  | WSK,WSQ                | N3RVW |      | \$0.00                         | \$50.00                          | \$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                                    | 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                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | WI    | OTHER CHARGES              | Duplicate CABS Bill charge   | WSK,WSQ                | OBMDW |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | WI    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         | NA                               | NA                                    | per line        |

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 | Non-Recurring Charge (NRC) Additional | Per Unit           |
|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------|
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)   |                        | U5RBX |      | \$27.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)   |                        | U5RBX |      | \$28.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | 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           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)  |                        | U5RRX |      | \$27.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)  |                        | U5RRX |      | \$28.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (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  |                        | UKLXB |      | \$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 |      | \$0.001500                     | NA                               | NA                                    | MOU                |
| LWC        | AR    | LWC USAGE                           | Terminating  |                        | ZZUWC |      | \$0.001500                     | 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 |      | NA                             | \$7.50                           | \$0.00                                | per order          |
| LWC        | AR    | SERVICE ORDER CHARGES               | Manual Service Order Charge  |                        |       |      | NA                             | \$50.00                          | \$0.00                                | per LSR            |
| LWC        | AR    | OTHER CHARGES                       | Service Order Expedite Request - per incident  |                        |       |      | NA                             | 200.00                           | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | Bill Inquiry (per claim)   |                        |       |      | NA                             | \$25.00                          | \$0.00                                | per claim          |
| LWC        | AR    | OTHER CHARGES                       | Non-EFI (electronic funds interface/transfer)  |                        |       |      | NA                             | \$25.00                          | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | Duplicate CABS Bill Charge   |                        |       |      | NA                             | \$25.00                          | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | Flat Rate False Dispatch Charge  |                        |       |      | NA                             | \$75.00                          | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | False Tech 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                                    | per message        |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Directory Assistance (DA) blended Rate for 1   |                        | ZZUO3 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completion (DACC) per call   |                        | ZZUO7 |      | \$0.15                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | National DA (NDA) per call   |                        | ZZUO5 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Business Search Category (BCS) per call  |                        | ZZUOB |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)   |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Directory Assistance Non-Pub Emergency Service   |                        |       |      | \$2.00                         | NA                               | 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                               | NA                                    | per call           |
| LWC        | AR    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance -Rate Reference-Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | AR    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference-Subsequent Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |
| 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 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | AR    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)  |                        | ZZUO2 |      | \$0.020000                     | NA                               | NA                                    | per work second    |
| LWC        | AR    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Branding Initial/Subsequent Load  |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | AR    | BRANDING - OPERATOR CALL PROCESSING | 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           |
| 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 - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |

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 | Non-Recurring Charge (NRC) Additional | 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 1/1/2020 - 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 1/1/2020 - 12/31/2020)   |                        |      |      | 29.75                          |                                  |                                       |   |
| LWC        | CA    | LWC USAGE                       | Residential  |                        |      |      | 0.0015                         |                                  |                                       | per LWCAL, calculated per end office per billing period |
| LWC        | CA    | LWC USAGE                       | Business   |                        |      |      | 0.0015                         |                                  |                                       | per LWCAL, calculated per end office per billing 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                           | NA                               | NA                                    | Call  |
| 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 |                        |      |      | 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 - 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  |                        |      |      | 0.025                          | 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                  |                        |      |      | NA                             | 2200.00                          | NA                                    | State/In-Region   |
| LWC        | CA    | BRANDING - DIRECTORY ASSISTANCE | Directory Assistance - Rate Reference Subsequent Load 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 | Non-Recurring Charge (NRC) Additional | Per Unit                 |
|------------|-------|-------------------------------------|--|------------------------|------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------------|
| LWC        | CA    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Subsequent Load per state/In-Region – Local and IntraLATA rates - Business   |                        |      |      | NA                             | NA                               | 1000.00                               | State/In-Region          |
| LWC        | CA    | DIRECTORY LISITINGS                 | Non-List, Non-Pub, Foreign, enhanced, additional, 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              |                        |      |      |                                |                                  |                                       |                          |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operated Services - Fully Automated Call Processing (Per completed automated call) - Residential                   |                        |      |      | 0.15                           | NA                               | NA                                    | Completed automated call |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operated Services - Fully Automated Call Processing (Per completed automated call) - Business                      |                        |      |      | 0.15                           | NA                               | NA                                    | Completed automated call |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operator Services - Operator Assisted Call Processing (Per work second) - Residential                              |                        |      |      | 0.02                           | NA                               | NA                                    | Work second              |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operator Services - Operator Assisted Call Processing (Per work second) - Business                                 |                        |      |      | 0.02                           | NA                               | NA                                    | Work second              |
| LWC        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load per OS Switch - Residential                                   |                        |      |      | NA                             | 1800.00                          | 1800.00                               | OS Switch                |
| LWC        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load 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    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Per call - Business   |                        |      |      | 0.025                          | NA                               | NA                                    | Call                     |
| LWC        | CA    | 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          |
| LWC        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Initial Load per state/In-Region – Local and IntraLATA rates - Business       |                        |      |      | NA                             | 2200.00                          | NA                                    | State/In-Region          |
| LWC        | CA    | 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        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Subsequent Load per state/In-Region – Local and IntraLATA rates - Business    |                        |      |      | 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                           |                                  |                                       | Message                  |
| LWC        | CA    | ALTERNATELY BILLED TRAFFIC          | ABT Billing and Collection, per message fee - Business   |                        |      |      | 0.05                           |                                  |                                       | Message                  |

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 | 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     |
| LWC        | IL    | DIRECTORY LISTINGS                  | Non-List, Non-Pub, Foreign, enhanced, additional, 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   | WSK,WSQ                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | IL    | DIRECTORY ASSISTANCE                | National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call | WSK,WSQ                |       |      | \$0.37                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | IL    | DIRECTORY ASSISTANCE                | Directory Assistance Non-Pub Emergency Service - per call  |                        |       |      | \$2.00                         |                                  |                                       | per call        |
| LWC        | IL    | DIRECTORY ASSISTANCE                | Directory Assistance-Branding - Other - Initial/Subsequent Load per OS switch                                    |                        |       |      | \$0.00                         | 1,800.00                         | 1,800.00                              | per switch      |
| LWC        | IL    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding-per call   | WSK,WSQ                |       |      | \$0.025                        |                                  |                                       | per call        |
| LWC        | IL    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference Initial Load   |                        |       |      | \$0.00                         | \$2,200.00                       |                                       | per load        |
| LWC        | IL    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference Subsequent Load  |                        |       |      | \$0.00                         | \$0.00                           | \$1,000.00                            | per load        |
| LWC        | IL    | OPERATOR SERVICES                   | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | IL    | OPERATOR SERVICES                   | Operator Services-Operator Assisted Call Processing (Per work second)  | WSK,WSQ                |       |      | \$0.02                         | \$0.00                           | \$0.00                                | per work second |
| 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        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                       | WSK                    | U5RBX |      | \$28.50                        | NA                               | NA                                    | per line        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$29.75                        | 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 |      | \$27.75                        | NA                               | NA                                    | per line        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$28.75                        | NA                               | NA                                    | per line        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$29.75                        | 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    | LWC USAGE                           | Originating  | WSK,WSQ                | ZZUWC |      | \$0.0015                       | 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                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IL    | OTHER CHARGES                       | Duplicate CABS Bill charge   | WSK,WSQ                | OBMDW |      | \$0.00                         | \$25.00                          | \$0.00                                |                 |
| LWC        | IL    | OPTIONAL SERVICES                   | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         | NA                               | NA                                    | per line        |

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 | 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      |
| LWC        | IN    | ALTERNATELY BILLED TRAFFIC | ABT Billing and Collection, per message fee  |                        |       |      | \$ 0.05                        |                                  |                                       | per message     |
| LWC        | IN    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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        |
| LWC        | IN    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; 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        |
| LWC        | IN    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per 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        |
| LWC        | IN    | OPERATOR SERVICES          | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$ 0.15                        | \$0.00                           | \$0.00                                | per call        |
| LWC        | IN    | OPERATOR SERVICES          | Operator Services-Operator Assisted Call Processing (Per work 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                         | 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                         | \$ 2,200.00                      |                                       | per load        |
| LWC        | IN    | OPERATOR SERVICES          | Operator Services-Rate Reference-Subsequent Load   |                        |       |      | \$0.00                         | \$0.00                           | \$ 1,000.00                           | per load        |
| LWC        | IN    | 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        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                       | WSK                    | U5RBX |      | \$28.50                        | NA                               | NA                                    | per line        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$29.75                        | NA                               | NA                                    | per line        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                      | WSQ                    | U5RRX |      | \$27.75                        | NA                               | NA                                    | per line        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$28.75                        | NA                               | NA                                    | per line        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$29.75                        | 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        | IN    | LWC USAGE                  | Originating  | WSK,WSQ                | ZZUWC |      | \$0.0015                       | NA                               | NA                                    | MOU             |
| LWC        | IN    | LWC USAGE                  | Terminating  | WSK,WSQ                | ZZUWC |      | \$0.0015                       | NA                               | NA                                    | MOU             |
| LWC        | IN    | OTHER CHARGES              | Service Order Expedite Request - per incident  |                        |       |      |                                | 200.00                           | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | False Tech Dispatch (CLEC Fault)   | WSK,WSQ                | VRP   |      |                                | \$75.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | Bill Inquiry/Dispute (Charges sustained)   | WSK,WSQ                | BCZ1W |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | Non-EFT payment or credit  | WSK,WSQ                | N3RVV |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | Duplicate CABS Bill charge   | WSK,WSQ                | OBMDW |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         | NA                               | NA                                    | per line        |

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 | 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 |      | \$27.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)   |                        | U5RBX |      | \$28.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | 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           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)  |                        | U5RRX |      | \$27.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)  |                        | U5RRX |      | \$28.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 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        | 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                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance Call Completion (DACC) per call   |                        | ZZUO7 |      | \$0.15                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | National DA (NDA) per call   |                        | ZZUO5 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Business Search Category (BCS) per call  |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Reverse Directory Assistance (RDA)   |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance Non-Pub Emergency Service   |                        |       |      | \$2.00                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance-Branding Initial/Subsequent Load  |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance-Branding per Call   |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance -Rate Reference-Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | 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           |
| LWC        | KS    | OPERATOR SERVICES                | 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           |
| LWC        | KS    | OPERATOR SERVICES                | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | KS    | OPERATOR SERVICES                | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |

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 | Non-Recurring Charge (NRC) Additional | Per Unit        |
|------------|-------|----------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|-----------------|
| LWC        | MI    | E911                       | 911 Database Management ANI/ALI/SR Per 100 Records   | OE9XX                  | 9S89X |      | \$ 3.93                        |                                  |                                       | per record      |
| LWC        | MI    | ALTERNATELY BILLED TRAFFIC | ABT Billing and Collection, per message fee  |                        |       |      | \$ 0.05                        |                                  |                                       | per message     |
| LWC        | MI    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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 Call Completion (DACC) - per call   | WSK,WSQ                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | MI    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; 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        |
| LWC        | MI    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per 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        |
| LWC        | MI    | OPERATOR SERVICES          | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$ 0.15                        | \$0.00                           | \$0.00                                | per call        |
| LWC        | MI    | OPERATOR SERVICES          | Operator Services-Operator Assisted Call Processing (Per work second)  | WSK,WSQ                |       |      | \$ 0.02                        | \$0.00                           | \$0.00                                | per work second |
| LWC        | MI    | OPERATOR SERVICES          | Operator Services-Branding Initial/Subsequent Load per OS Switch   |                        |       |      | \$0.00                         | 1,800.00                         | 1,800.00                              | per switch      |
| LWC        | MI    | 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        |
| LWC        | MI    | 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        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                       | WSK                    | U5RBX |      | \$28.50                        | NA                               | NA                                    | per line        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$29.75                        | NA                               | NA                                    | per line        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                      | WSQ                    | U5RRX |      | \$27.75                        | NA                               | NA                                    | per line        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$28.75                        | NA                               | NA                                    | per line        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$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                | 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  |                        |       |      |                                | 200.00                           | \$0.00                                | per incident    |
| LWC        | MI    | OTHER CHARGES              | Bill Inquiry/Dispute (Charges sustained)   | WSK,WSQ                | BCZ1W |      | \$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    |
| LWC        | MI    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         | NA                               | NA                                    | per line        |

PRICING SHEETS  
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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 | Non-Recurring Charge (NRC) Additional | Per Unit           |
|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------|
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)                 |                        | U5RBX |      | \$27.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                 |                        | U5RBX |      | \$28.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | 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           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                |                        | U5RRX |      | \$27.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                |                        | U5RRX |      | \$28.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                |                        | U5RRX |      | \$29.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | OPTIONAL SERVICES                   | Privacy Manager per Port-Business  |                        | UKLBX |      | \$3.50                         |                                  |                                       | per port           |
| LWC        | MO    | OPTIONAL SERVICES                   | Privacy Manager per Port-Residence   |                        | UKLRX |      | \$3.50                         |                                  |                                       | per port           |
| LWC        | MO    | LWC USAGE                           | Originating  |                        | ZZUWC |      | \$0.001500                     |                                  |                                       | MOU                |
| LWC        | MO    | 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 sustained)   |                        |       |      | 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        | MO    | OTHER CHARGES                       | False Technician Dispatch  |                        |       |      | NA                             | \$75.00                          | \$0.00                                | per incident       |
| LWC        | MO    | ALTERNATELY BILLED TRAFFIC          | Accounts Receivable Discount Off Retail Tariff   |                        | 280   |      | 30.00%                         | NA                               | NA                                    |                    |
| LWC        | MO    | 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                               | NA                                    | per call           |
| LWC        | MO    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completeion (DACC) per call  |                        | ZZUO7 |      | \$0.15                         | NA                               | 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  |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | MO    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)   |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | MO    | 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 |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | MO    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Branding per Call   |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | MO    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Initial Load per AT&T state/In-Region - Local and IntraLATA rates    |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | MO    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates |                        | NRBDM |      | NA                             | NA                               | \$1,000.00                            | per load           |
| LWC        | MO    | DIRECTORY LISTINGS                  | Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type                   |                        |       |      |                                |                                  |                                       |                    |
| LWC        | MO    | OPERATOR CALL PROCESSING            | Operated Services-Fully Automated Call Processing (Per Completed automated call)                           |                        | ZZUO1 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | MO    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)                                      |                        | ZZUO2 |      | \$0.020000                     | NA                               | NA                                    | 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  |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | MO    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Initial Load per AT&T state/In-Region - Local and IntraLATA rates     |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | MO    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |

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 | 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 |
| 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                           | 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 |                        |      |      | 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 - Business    |                        |      |      | 0.37                           | NA                               | NA                                    | Call  |
| LWC        | NV    | DIRECTORY ASSISTANCE            | Directory Assistance Call Completion (DACC) - per call - 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  |                        |      |      | 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                             | 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                  |                        |      |      | 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                               | 1000.00                               | State/In-Region   |

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 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 | Non-Recurring Charge (NRC) Additional | Per Unit                 |
|------------|-------|-------------------------------------|--|------------------------|------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------------|
| LWC        | NV    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Subsequent Load per state/In-Region – Local and IntraLATA rates - Business   |                        |      |      | 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           |                        |      |      |                                |                                  |                                       |                          |
| LWC        | NV    | DIRECTORY ASSISTANCE                | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or 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 |
| LWC        | NV    | OPERATOR CALL PROCESSING            | Operated Services - Fully Automated Call Processing (Per completed automated call) - Business                      |                        |      |      | 0.15                           | NA                               | NA                                    | Completed 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                                 |                        |      |      | 0.02                           | NA                               | NA                                    | Work second              |
| LWC        | NV    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load per OS Switch - Residential                                   |                        |      |      | NA                             | 1800.00                          | 1800.00                               | OS Switch                |
| LWC        | NV    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load 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                     |
| 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          |
| LWC        | NV    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Initial Load per state/In-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    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Subsequent Load per state/In-Region – Local and IntraLATA rates - Business    |                        |      |      | NA                             | 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                  |



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 | 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     |
| LWC        | OH    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call | WSK,WSQ                |       |      | \$0.37                         | NA                               | NA                                    | per call        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance Non-Pub Emergency Service - per call  |                        |       |      | \$2.00                         | NA                               | NA                                    | per call        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per OS switch                                    |                        |       |      | NA                             | 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        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance - Rate Reference Initial Load per AT&T state/In-Region - Local and IntraLATA rates          |                        |       |      | NA                             | \$ 2,200.00                      | NA                                    | per load        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance - Rate Reference Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates       |                        |       |      | NA                             | NA                               | \$ 1,000.00                           | per load        |
| LWC        | OH    | OPERATOR SERVICES          | Operated Services - Fully Automated Call Processing (Per completed automated call)                               | WSK,WSQ                |       |      | \$ 0.15                        | NA                               | NA                                    | per call        |
| LWC        | OH    | OPERATOR SERVICES          | Operator Services - Operator Assisted Call Processing (Per work second)  | WSK,WSQ                |       |      | \$ 0.02                        | NA                               | NA                                    | per work second |
| LWC        | OH    | 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 Per call  | WSK,WSQ                |       |      | \$0.025                        | NA                               | NA                                    | per call        |
| LWC        | OH    | OPERATOR SERVICES          | Operator Services - Rate Reference - Initial Load per AT&T state/In-Region - Local and IntraLATA rates           |                        |       |      | NA                             | \$ 2,200.00                      | NA                                    | per load        |
| LWC        | OH    | OPERATOR SERVICES          | Operator Services - Rate Reference - Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates        |                        |       |      | NA                             | NA                               | \$ 1,000.00                           | per load        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)                       | WSK                    | U5RBX |      | \$27.00                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                       | WSK                    | U5RBX |      | \$28.50                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$29.75                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                      | WSQ                    | U5RRX |      | \$27.75                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$28.75                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$29.75                        |                                  |                                       | 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 |      |                                | \$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                               | per incident    |
| LWC        | OH    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         |                                  |                                       | per line        |

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 | Non-Recurring Charge (NRC) Additional | Per Unit           |
|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------|
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)   |                        | U5RBX |      | \$27.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)   |                        | U5RBX |      | \$28.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | 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           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)  |                        | U5RRX |      | \$27.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)  |                        | U5RRX |      | \$28.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (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        | 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                             | \$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   |                        | ZZU03 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completion (DACC) per call   |                        | ZZU07 |      | \$0.15                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | National DA (NDA) per call   |                        | ZZU05 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | Business Search Category (BCS) per call  |                        | ZZU0B |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)   |                        | ZZU08 |      | \$0.37                         | NA                               | 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                             | \$1,800.00                       | \$1,800.00                            | per line           |
| LWC        | OK    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding per Call   |                        | ZZUCB |      | \$0.002500                     | NA                               | NA                                    | per call           |
| LWC        | OK    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance -Rate Reference-Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per LSR            |
| LWC        | OK    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference-Subsequent Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per claim          |
| LWC        | OK    | DIRECTORY LISTINGS                  | Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type   |                        |       |      |                                |                                  |                                       |                    |
| LWC        | OK    | OPERATOR SERVICES                   | Operated Services-Fully Automated Call Processing (Per Completed automated call)   |                        | ZZU01 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | OK    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)  |                        | ZZU02 |      | \$0.020000                     | NA                               | NA                                    | per incident       |
| LWC        | OK    | OPERATOR SERVICES                   | Operator Services - Facilities Based Branding Initial/Subsequent Load  |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | OK    | BRANDING - OPERATOR CALL PROCESSING | 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 incident       |
| LWC        | OK    | OPERATOR SERVICES                   | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | OK    | OPERATOR SERVICES                   | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |

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 | Non-Recurring Charge (NRC) Additional | Per Unit |
|------------|-------|-------------------------------------|---|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|----------|
| LWC        | OK    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load |

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 | Non-Recurring Charge (NRC) Additional | Per Unit           |
|------------|-------|-------------------------------------|---|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------|
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)  |                        | USRBX |      | \$27.00                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)  |                        | USRBX |      | \$28.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)  |                        | USRBX |      | \$29.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018) |                        | USRRX |      | \$27.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019) |                        | USRRX |      | \$28.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020) |                        | USRRX |      | \$29.75                        | \$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                                    | 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                             | \$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  |                        | ZZU03 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completion (DACC) per call  |                        | ZZU07 |      | \$0.15                         | NA                               | NA                                    | per port           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | National DA (NDA) per call  |                        | ZZU05 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Business Search Category (BCS) per call   |                        | ZZU0B |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)  |                        | ZZU08 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Directory Assistance Non-Pub Emergency Service  |                        |       |      | \$2.00                         | NA                               | NA                                    | per call           |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding Initial/Subsequent Load                                       |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per line           |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding per Call  |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance -Rate Reference-Initial Load   |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per LSR            |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | 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    | OPERATOR SERVICES                   | Operated Services-Fully Automated Call Processing (Per Completed automated call)            |                        | ZZU01 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | TX    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)                       |                        | ZZU02 |      | \$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           |

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 | Non-Recurring Charge (NRC) Additional | Per Unit |
|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|----------|
| LWC        | TX    | BRANDING - OPERATOR CALL PROCESSING | 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 |
| LWC        | TX    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load |
| LWC        | TX    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load |

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 | 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     |
| LWC        | WI    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | WI    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; 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        |
| LWC        | WI    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per 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        |
| LWC        | WI    | OPERATOR SERVICES          | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$ 0.15                        | \$0.00                           | \$0.00                                | per call        |
| LWC        | WI    | OPERATOR SERVICES          | Operator Services-Operator Assisted Call Processing (Per work 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                         | 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                         | \$ 2,200.00                      |                                       | 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 |      | \$27.00                        | NA                               | NA                                    | per line        |
| LWC        | WI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                       | WSK                    | U5RBX |      | \$28.50                        | 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 |      | \$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 |      | \$27.75                        | NA                               | NA                                    | per line        |
| LWC        | WI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$28.75                        | NA                               | NA                                    | per line        |
| LWC        | WI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$29.75                        | 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                         | \$50.00                          | \$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                                    | 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                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | WI    | OTHER CHARGES              | Duplicate CABS Bill charge   | WSK,WSQ                | OBMDW |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | WI    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         | NA                               | NA                                    | per line        |

PRICING SHEETS  
EXHIBIT A  
500,000 LWC Lines and Above - 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 | Non-Recurring Charge (NRC) Additional | Per Unit           |
|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------|
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)   |                        | U5RBX |      | \$26.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | 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        | AR    | 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           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)  |                        | U5RRX |      | \$27.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | AR    | 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           |
| LWC        | AR    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 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 |      | \$0.001500                     | NA                               | NA                                    | MOU                |
| LWC        | AR    | LWC USAGE                           | Terminating  |                        | ZZUWC |      | \$0.001500                     | 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 |      | NA                             | \$7.50                           | \$0.00                                | per order          |
| LWC        | AR    | SERVICE ORDER CHARGES               | Manual Service Order Charge  |                        |       |      | NA                             | 50.00                            | \$0.00                                | per LSR            |
| LWC        | AR    | OTHER CHARGES                       | Service Order Expedite Request - per incident  |                        |       |      | NA                             | \$200.00                         | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | Bill Inquiry (per claim)   |                        |       |      | NA                             | \$25.00                          | \$0.00                                | per claim          |
| LWC        | AR    | OTHER CHARGES                       | Non-EFI (electronic funds interface/transfer)  |                        |       |      | NA                             | \$25.00                          | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | Duplicate CABS Bill Charge   |                        |       |      | NA                             | \$25.00                          | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | Flat Rate False Dispatch Charge  |                        |       |      | NA                             | \$75.00                          | \$0.00                                | per incident       |
| LWC        | AR    | OTHER CHARGES                       | False Tech Dispatch  |                        |       |      | NA                             | \$75.00                          | \$0.00                                | per incident       |
| LWC        | AR    | ALTERNATELY BILLED TRAFFIC          | Accounts Receivable Discount Off Retail Tariff   |                        | 280   |      | \$0.30                         | NA                               | NA                                    |                    |
| LWC        | AR    | ALTERNATELY BILLED TRAFFIC          | Billing & Collect Credit per message   |                        | 280   |      | \$0.00                         | NA                               | NA                                    | per message        |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Directory Assistance (DA) blended Rate for 1   |                        | ZZUO3 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completion (DACC) per call   |                        | ZZUO7 |      | \$0.15                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | National DA (NDA) per call   |                        | ZZUO5 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Business Search Category (BCS) per call  |                        | ZZUOB |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)   |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | AR    | DIRECTORY ASSISTANCE                | Directory Assistance Non-Pub Emergency Service   |                        |       |      | \$2.00                         | NA                               | 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 |      | \$0.03                         | NA                               | NA                                    | per call           |
| LWC        | AR    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance -Rate Reference-Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | AR    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference-Subsequent Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |
| 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 |      | \$0.150000                     | NA                               | NA                                    | per completed call |
| LWC        | AR    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)  |                        | ZZUO2 |      | \$0.02                         | NA                               | NA                                    | per work second    |
| LWC        | AR    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Branding Initial/Subsequent Load  |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | AR    | BRANDING - OPERATOR CALL PROCESSING | 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 |      | \$0.03                         | \$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 - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | 1000                             | NA                                    | per load           |

PRICING SHEETS  
EXHIBIT A  
500,000 LWC Lines and Above - 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 | Non-Recurring Charge (NRC) Additional | 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 |
| LWC        | CA    | LWC USAGE                       | Business   |                        |      |      | 0.0015                         |                                  |                                       | per LWCAL, calculated per end office per billing 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                           | NA                               | NA                                    | Call  |
| 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 |                        |      |      | 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 - 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  |                        |      |      | 0.025                          | 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                  |                        |      |      | NA                             | 2200.00                          | NA                                    | State/In-Region   |
| LWC        | CA    | BRANDING - DIRECTORY ASSISTANCE | Directory Assistance - Rate Reference Subsequent Load per state/In-Region – Local and IntraLATA rates - Residential            |                        |      |      | NA                             | NA                               | 1000.00                               | State/In-Region   |



PRICING SHEETS  
EXHIBIT A  
500,000 LWC Lines and Above - 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 | Non-Recurring Charge (NRC) Additional | Per Unit                 |
|------------|-------|-------------------------------------|--|------------------------|------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------------|
| LWC        | CA    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Subsequent Load per state/In-Region – Local and IntraLATA rates - Business   |                        |      |      | NA                             | NA                               | 1000.00                               | State/In-Region          |
| LWC        | CA    | DIRECTORY LISITINGS                 | Non-List, Non-Pub, Foreign, enhanced, additional, 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              |                        |      |      |                                |                                  |                                       |                          |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operated Services - Fully Automated Call Processing (Per completed automated call) - Residential                   |                        |      |      | 0.15                           | NA                               | NA                                    | Completed automated call |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operated Services - Fully Automated Call Processing (Per completed automated call) - Business                      |                        |      |      | 0.15                           | NA                               | NA                                    | Completed automated call |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operator Services - Operator Assisted Call Processing (Per work second) - Residential                              |                        |      |      | 0.02                           | NA                               | NA                                    | Work second              |
| LWC        | CA    | OPERATOR CALL PROCESSING            | Operator Services - Operator Assisted Call Processing (Per work second) - Business                                 |                        |      |      | 0.02                           | NA                               | NA                                    | Work second              |
| LWC        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load per OS Switch - Residential                                   |                        |      |      | NA                             | 1800.00                          | 1800.00                               | OS Switch                |
| LWC        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load 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    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Per call - Business   |                        |      |      | 0.025                          | NA                               | NA                                    | Call                     |
| LWC        | CA    | 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          |
| LWC        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Initial Load per state/In-Region – Local and IntraLATA rates - Business       |                        |      |      | NA                             | 2200.00                          | NA                                    | State/In-Region          |
| LWC        | CA    | 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        | CA    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Subsequent Load per state/In-Region – Local and IntraLATA rates - Business    |                        |      |      | 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                           |                                  |                                       | Message                  |
| LWC        | CA    | ALTERNATELY BILLED TRAFFIC          | ABT Billing and Collection, per message fee - Business   |                        |      |      | 0.05                           |                                  |                                       | Message                  |

PRICING SHEETS  
EXHIBIT A  
500,000 LWC Lines and Above - 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 | 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     |
| LWC        | IL    | DIRECTORY LISTINGS                  | Non-List, Non-Pub, Foreign, enhanced, additional, 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   | WSK,WSQ                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | IL    | DIRECTORY ASSISTANCE                | National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call | WSK,WSQ                |       |      | \$0.37                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | IL    | DIRECTORY ASSISTANCE                | Directory Assistance Non-Pub Emergency Service - per call  |                        |       |      | \$2.00                         |                                  |                                       | per call        |
| LWC        | IL    | DIRECTORY ASSISTANCE                | Directory Assistance-Branding - Other - Initial/Subsequent Load per OS switch                                    |                        |       |      | \$0.00                         | 1,800.00                         | 1,800.00                              | per switch      |
| LWC        | IL    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding-per call   | WSK,WSQ                |       |      | \$0.025                        |                                  |                                       | per call        |
| LWC        | IL    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference Initial Load   |                        |       |      | \$0.00                         | \$2,200.00                       |                                       | per load        |
| LWC        | IL    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference Subsequent Load  |                        |       |      | \$0.00                         | \$0.00                           | \$1,000.00                            | per load        |
| LWC        | IL    | OPERATOR SERVICES                   | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | IL    | OPERATOR SERVICES                   | Operator Services-Operator Assisted Call Processing (Per work second)  | WSK,WSQ                |       |      | \$0.02                         | \$0.00                           | \$0.00                                | per work second |
| 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 |      | \$26.50                        | NA                               | NA                                    | per line        |
| LWC        | IL    | 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        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$29.75                        | 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        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$28.50                        | NA                               | NA                                    | per line        |
| LWC        | IL    | LWCAL RATE                          | Wholesale Complete-measured Line-Port with Loop-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                             | \$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    | LWC USAGE                           | Originating  | WSK,WSQ                | ZZUWC |      | \$0.0015                       | 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                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IL    | OTHER CHARGES                       | Duplicate CABS Bill charge   | WSK,WSQ                | OBMDW |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IL    | OPTIONAL SERVICES                   | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         | NA                               | NA                                    | per line        |

PRICING SHEETS  
EXHIBIT A  
500,000 LWC Lines and Above - 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 | 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      |
| LWC        | IN    | ALTERNATELY BILLED TRAFFIC | ABT Billing and Collection, per message fee  |                        |       |      | \$ 0.05                        |                                  |                                       | per message     |
| LWC        | IN    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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        |
| LWC        | IN    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; 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        |
| LWC        | IN    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per 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        |
| LWC        | IN    | OPERATOR SERVICES          | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$ 0.15                        | \$0.00                           | \$0.00                                | per call        |
| LWC        | IN    | OPERATOR SERVICES          | Operator Services-Operator Assisted Call Processing (Per work 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                         | 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                         | \$ 2,200.00                      |                                       | per load        |
| LWC        | IN    | OPERATOR SERVICES          | Operator Services-Rate Reference-Subsequent Load   |                        |       |      | \$0.00                         | \$0.00                           | \$ 1,000.00                           | per load        |
| LWC        | IN    | 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        | IN    | 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        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$ 29.75                       | NA                               | NA                                    | per line        |
| LWC        | IN    | 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        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$ 28.50                       | NA                               | NA                                    | per line        |
| LWC        | IN    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (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                                | per LSR         |
| LWC        | IN    | SERVICE ORDER CHARGES      | Manual Service Order charge  | WSK,WSQ                | N3RVW |      | \$0.00                         | \$50.00                          | \$0.00                                | per LSR         |
| LWC        | IN    | LWC USAGE                  | Originating  | WSK,WSQ                | ZZUWC |      | \$0.0015                       | NA                               | NA                                    | MOU             |
| LWC        | IN    | LWC USAGE                  | Terminating  | WSK,WSQ                | ZZUWC |      | \$0.0015                       | NA                               | NA                                    | MOU             |
| LWC        | IN    | OTHER CHARGES              | Service Order Expedite Request - per incident  |                        |       |      |                                | 200.00                           | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | False Tech Dispatch (CLEC Fault)   | WSK,WSQ                | VRP   |      |                                | \$75.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | Bill Inquiry/Dispute (Charges sustained)   | WSK,WSQ                | BCZ1W |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | Non-EFT payment or credit  | WSK,WSQ                | N3RVV |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | IN    | OTHER CHARGES              | Duplicate CABS Bill charge   | WSK,WSQ                | OBMDW |      | \$0.00                         | \$25.00                          | \$0.00                                |                 |
| LWC        | IN    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         | NA                               | NA                                    | per line        |

PRICING SHEETS  
EXHIBIT A  
500,000 LWC Lines and Above - 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 | 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 |      | \$26.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | 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        | KS    | 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           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)  |                        | U5RRX |      | \$27.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | KS    | 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           |
| LWC        | KS    | LWCALRATE                        | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 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                           | \$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        | 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                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance Call Completeion (DACC) per call  |                        | ZZUO7 |      | \$0.15                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | National DA (NDA) per call   |                        | ZZUO5 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Business Search Category (BCS) per call  |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Reverse Directory Assistance (RDA)   |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance Non-Pub Emergency Service   |                        |       |      | \$2.00                         | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance-Branding Initial/Subsequent Load  |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance-Branding per Call   |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | KS    | DIRECTORY ASSISTANCE             | Directory Assistance -Rate Reference-Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | 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           |
| LWC        | KS    | OPERATOR SERVICES                | 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           |
| LWC        | KS    | OPERATOR SERVICES                | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | KS    | OPERATOR SERVICES                | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |

PRICING SHEETS  
EXHIBIT A  
500,000 LWC Lines and Above - 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 | Non-Recurring Charge (NRC) Additional | Per Unit        |
|------------|-------|----------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|-----------------|
| LWC        | MI    | E911                       | 911 Database Management ANI/ALI/SR Per 100 Records   | OE9XX                  | 9S89X |      | \$ 3.93                        |                                  |                                       | per record      |
| LWC        | MI    | ALTERNATELY BILLED TRAFFIC | ABT Billing and Collection, per message fee  |                        |       |      | \$ 0.05                        |                                  |                                       | per message     |
| LWC        | MI    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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 Call Completion (DACC) - per call   | WSK,WSQ                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | MI    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; 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        |
| LWC        | MI    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per 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        |
| LWC        | MI    | OPERATOR SERVICES          | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$ 0.15                        | \$0.00                           | \$0.00                                | per call        |
| LWC        | MI    | OPERATOR SERVICES          | Operator Services-Operator Assisted Call Processing (Per work second)  | WSK,WSQ                |       |      | \$ 0.02                        | \$0.00                           | \$0.00                                | per work second |
| LWC        | MI    | OPERATOR SERVICES          | Operator Services-Branding Initial/Subsequent Load per OS Switch   |                        |       |      | \$0.00                         | 1,800.00                         | 1,800.00                              | per switch      |
| LWC        | MI    | 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        |
| LWC        | MI    | 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        | MI    | 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        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$29.75                        | NA                               | NA                                    | per line        |
| LWC        | MI    | 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        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$28.50                        | NA                               | NA                                    | per line        |
| LWC        | MI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$29.50                        | 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  |                        |       |      |                                | 200.00                           | \$0.00                                | per incident    |
| LWC        | MI    | OTHER CHARGES              | Bill Inquiry/Dispute (Charges sustained)   | WSK,WSQ                | BCZ1W |      | \$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    |
| LWC        | MI    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         | NA                               | NA                                    | per line        |

PRICING SHEETS  
EXHIBIT A  
500,000 LWC Lines and Above - 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 | Non-Recurring Charge (NRC) Additional | Per Unit           |
|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------|
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)                 |                        | U5RBX |      | \$26.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | 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        | MO    | 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           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                |                        | U5RRX |      | \$27.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | MO    | 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           |
| LWC        | MO    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (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 |      | \$3.50                         |                                  |                                       | per port           |
| LWC        | MO    | OPTIONAL SERVICES                   | Privacy Manager per Port-Residence   |                        | UKLRX |      | \$3.50                         |                                  |                                       | per port           |
| LWC        | MO    | LWC USAGE                           | Originating  |                        | ZZUWC |      | \$0.001500                     |                                  |                                       | MOU                |
| LWC        | MO    | 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 sustained)   |                        |       |      | 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        | MO    | OTHER CHARGES                       | False Technician Dispatch  |                        |       |      | NA                             | \$75.00                          | \$0.00                                | per incident       |
| LWC        | MO    | ALTERNATELY BILLED TRAFFIC          | Accounts Receivable Discount Off Retail Tariff   |                        | 280   |      | 30.00%                         | NA                               | NA                                    |                    |
| LWC        | MO    | 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                               | NA                                    | per call           |
| LWC        | MO    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completeion (DACC) per call  |                        | ZZUO7 |      | \$0.15                         | NA                               | 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  |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | MO    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)   |                        | ZZUO8 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | MO    | 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 |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | MO    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Branding per Call   |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | MO    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Initial Load per AT&T state/In-Region - Local and IntraLATA rates    |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | MO    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates |                        | NRBDM |      | NA                             | NA                               | \$1,000.00                            | per load           |
| LWC        | MO    | DIRECTORY LISTINGS                  | Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type                   |                        |       |      |                                |                                  |                                       |                    |
| LWC        | MO    | OPERATOR CALL PROCESSING            | Operated Services-Fully Automated Call Processing (Per Completed automated call)                           |                        | ZZUO1 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | MO    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)                                      |                        | ZZUO2 |      | \$0.020000                     | NA                               | NA                                    | 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  |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | MO    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Initial Load per AT&T state/In-Region - Local and IntraLATA rates     |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | MO    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |

PRICING SHEETS  
EXHIBIT A  
500,000 LWC Lines and Above - 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 | Non-Recurring Charge (NRC) Additional | 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 |
| 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                           | 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 |                        |      |      | 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 - Business    |                        |      |      | 0.37                           | NA                               | NA                                    | Call  |
| LWC        | NV    | DIRECTORY ASSISTANCE            | Directory Assistance Call Completion (DACC) - per call - 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  |                        |      |      | 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                             | 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                  |                        |      |      | 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                               | 1000.00                               | State/In-Region   |

PRICING SHEETS  
 EXHIBIT A  
 500,000 LWC Lines and Above - 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 | Non-Recurring Charge (NRC) Additional | Per Unit                 |
|------------|-------|-------------------------------------|--|------------------------|------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------------|
| LWC        | NV    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance - Rate Reference Subsequent Load per state/In-Region – Local and IntraLATA rates - Business   |                        |      |      | 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           |                        |      |      |                                |                                  |                                       |                          |
| LWC        | NV    | DIRECTORY ASSISTANCE                | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or 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 |
| LWC        | NV    | OPERATOR CALL PROCESSING            | Operated Services - Fully Automated Call Processing (Per completed automated call) - Business                      |                        |      |      | 0.15                           | NA                               | NA                                    | Completed 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                                 |                        |      |      | 0.02                           | NA                               | NA                                    | Work second              |
| LWC        | NV    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load per OS Switch - Residential                                   |                        |      |      | NA                             | 1800.00                          | 1800.00                               | OS Switch                |
| LWC        | NV    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Branding Initial/Subsequent Load 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                     |
| 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          |
| LWC        | NV    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Initial Load per state/In-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    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Rate Reference - Subsequent Load per state/In-Region – Local and IntraLATA rates - Business    |                        |      |      | NA                             | 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                  |



PRICING SHEETS  
EXHIBIT A  
500,000 LWC Lines and Above - 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 | 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     |
| LWC        | OH    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; Reverse Directory Assistance (RDA) per call | WSK,WSQ                |       |      | \$0.37                         | NA                               | NA                                    | per call        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance Non-Pub Emergency Service - per call  |                        |       |      | \$2.00                         | NA                               | NA                                    | per call        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per OS switch                                    |                        |       |      | NA                             | 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        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance - Rate Reference Initial Load per AT&T state/In-Region - Local and IntraLATA rates          |                        |       |      | NA                             | \$ 2,200.00                      | NA                                    | per load        |
| LWC        | OH    | DIRECTORY ASSISTANCE       | Directory Assistance - Rate Reference Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates       |                        |       |      | NA                             | NA                               | \$ 1,000.00                           | per load        |
| LWC        | OH    | OPERATOR SERVICES          | Operated Services - Fully Automated Call Processing (Per completed automated call)                               | WSK,WSQ                |       |      | \$ 0.15                        | NA                               | NA                                    | per call        |
| LWC        | OH    | OPERATOR SERVICES          | Operator Services - Operator Assisted Call Processing (Per work second)  | WSK,WSQ                |       |      | \$ 0.02                        | NA                               | NA                                    | per work second |
| LWC        | OH    | 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 Per call  | WSK,WSQ                |       |      | \$0.025                        | NA                               | NA                                    | per call        |
| LWC        | OH    | OPERATOR SERVICES          | Operator Services - Rate Reference - Initial Load per AT&T state/In-Region - Local and IntraLATA rates           |                        |       |      | NA                             | \$ 2,200.00                      | NA                                    | per load        |
| LWC        | OH    | OPERATOR SERVICES          | Operator Services - Rate Reference - Subsequent Load per AT&T state/In-Region - Local and IntraLATA rates        |                        |       |      | NA                             | NA                               | \$ 1,000.00                           | per load        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)                       | WSK                    | U5RBX |      | \$26.50                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)                       | WSK                    | U5RBX |      | \$28.25                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2020 - 12/31/2020)                       | WSK                    | U5RBX |      | \$29.75                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)                      | WSQ                    | U5RRX |      | \$27.50                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$28.50                        |                                  |                                       | per line        |
| LWC        | OH    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$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 |      |                                | \$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                               | per incident    |
| LWC        | OH    | OPTIONAL SERVICES          | Privacy Manager  | WSK,WSQ                | WHO   |      | \$3.50                         |                                  |                                       | per line        |

PRICING SHEETS  
 EXHIBIT A  
 500,000 LWC Lines and Above - 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 | Non-Recurring Charge (NRC) Additional | Per Unit           |
|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------|
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)   |                        | U5RBX |      | \$26.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | 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        | OK    | 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           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018)  |                        | U5RRX |      | \$27.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | OK    | 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           |
| LWC        | OK    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)  |                        | U5RRX |      | \$29.50                        | \$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        | 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                             | \$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   |                        | ZZU03 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completion (DACC) per call   |                        | ZZU07 |      | \$0.15                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | National DA (NDA) per call   |                        | ZZU05 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | Business Search Category (BCS) per call  |                        | ZZU0B |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | OK    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)   |                        | ZZU08 |      | \$0.37                         | NA                               | 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                             | \$1,800.00                       | \$1,800.00                            | per line           |
| LWC        | OK    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding per Call   |                        | ZZUCB |      | \$0.002500                     | NA                               | NA                                    | per call           |
| LWC        | OK    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance -Rate Reference-Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per LSR            |
| LWC        | OK    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Rate Reference-Subsequent Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per claim          |
| LWC        | OK    | DIRECTORY LISTINGS                  | Non-List, No-Pub, Foreign, enhanced, additional, alternate or other special listing type   |                        |       |      |                                |                                  |                                       |                    |
| LWC        | OK    | OPERATOR SERVICES                   | Operated Services-Fully Automated Call Processing (Per Completed automated call)   |                        | ZZU01 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | OK    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)  |                        | ZZU02 |      | \$0.020000                     | NA                               | NA                                    | per incident       |
| LWC        | OK    | OPERATOR SERVICES                   | Operator Services - Facilities Based Branding Initial/Subsequent Load  |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per load           |
| LWC        | OK    | BRANDING - OPERATOR CALL PROCESSING | 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 incident       |
| LWC        | OK    | OPERATOR SERVICES                   | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load           |
| LWC        | OK    | OPERATOR SERVICES                   | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load           |

PRICING SHEETS  
 EXHIBIT A  
 500,000 LWC Lines and Above - 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 | Non-Recurring Charge (NRC) Additional | Per Unit |
|------------|-------|-------------------------------------|---|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|----------|
| LWC        | OK    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load |

PRICING SHEETS  
 EXHIBIT A  
 500,000 LWC Lines and Above - 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 | Non-Recurring Charge (NRC) Additional | Per Unit           |
|------------|-------|-------------------------------------|---|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|--------------------|
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2018 - 12/31/2018)  |                        | USRBX |      | \$26.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Business (Effective 1/1/2019 - 12/31/2019)  |                        | USRBX |      | \$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)  |                        | USRBX |      | \$29.75                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2018 - 12/31/2018) |                        | USRRX |      | \$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) |                        | USRRX |      | \$28.50                        | \$0.00                           | \$0.00                                | per line           |
| LWC        | TX    | LWCALRATE                           | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020) |                        | USRRX |      | \$29.50                        | \$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                                    | 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                             | \$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  |                        | ZZU03 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Directory Assistance Call Completion (DACC) per call  |                        | ZZU07 |      | \$0.15                         | NA                               | NA                                    | per port           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | National DA (NDA) per call  |                        | ZZU05 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Business Search Category (BCS) per call   |                        | ZZU0B |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Reverse Directory Assistance (RDA)  |                        | ZZU08 |      | \$0.37                         | NA                               | NA                                    | per call           |
| LWC        | TX    | DIRECTORY ASSISTANCE                | Directory Assistance Non-Pub Emergency Service  |                        |       |      | \$2.00                         | NA                               | NA                                    | per call           |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding Initial/Subsequent Load                                       |                        | NRBDG |      | NA                             | \$1,800.00                       | \$1,800.00                            | per line           |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance-Branding per Call  |                        | ZZUCB |      | \$0.025000                     | NA                               | NA                                    | per call           |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | Directory Assistance -Rate Reference-Initial Load   |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per LSR            |
| LWC        | TX    | BRANDING - DIRECTORY ASSISTANCE     | 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    | OPERATOR SERVICES                   | Operated Services-Fully Automated Call Processing (Per Completed automated call)            |                        | ZZU01 |      | \$0.15                         | NA                               | NA                                    | per completed call |
| LWC        | TX    | OPERATOR CALL PROCESSING            | Operator Services-Operator Assisted Call Processing (per work second)                       |                        | ZZU02 |      | \$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           |

PRICING SHEETS  
 EXHIBIT A  
 500,000 LWC Lines and Above - 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 | Non-Recurring Charge (NRC) Additional | Per Unit |
|------------|-------|-------------------------------------|--|------------------------|-------|------|--------------------------------|----------------------------------|---------------------------------------|----------|
| LWC        | TX    | BRANDING - OPERATOR CALL PROCESSING | 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 |
| LWC        | TX    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference -Initial Load  |                        | NRBDL |      | NA                             | \$2,200.00                       | NA                                    | per load |
| LWC        | TX    | BRANDING - OPERATOR CALL PROCESSING | Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load  |                        | NRBDM |      | NA                             | \$1,000.00                       | NA                                    | per load |

PRICING SHEETS  
EXHIBIT A  
500,000 LWC Lines and Above - 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 | 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     |
| LWC        | WI    | DIRECTORY LISTINGS         | Non-List, Non-Pub, Foreign, enhanced, additional, alternate or other 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                |       |      | \$0.15                         | \$0.00                           | \$0.00                                | per call        |
| LWC        | WI    | DIRECTORY ASSISTANCE       | National DA (NDA) per call; Business Search Category (BCS) per call; 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        |
| LWC        | WI    | DIRECTORY ASSISTANCE       | Directory Assistance-Branding - Other - Initial/Subsequent Load per 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        |
| LWC        | WI    | OPERATOR SERVICES          | Operated Services-Fully Automated Call Processing (Per completed automated call)                                 | WSK,WSQ                |       |      | \$ 0.15                        | \$0.00                           | \$0.00                                | per call        |
| LWC        | WI    | OPERATOR SERVICES          | Operator Services-Operator Assisted Call Processing (Per work 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                         | 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                         | \$ 2,200.00                      |                                       | 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        |
| LWC        | WI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Business (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        |
| LWC        | WI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2019 - 12/31/2019)                      | WSQ                    | U5RRX |      | \$28.50                        | NA                               | NA                                    | per line        |
| LWC        | WI    | LWCAL RATE                 | Wholesale Complete-measured Line-Port with Loop-Residence (Effective 1/1/2020 - 12/31/2020)                      | WSQ                    | U5RRX |      | \$29.50                        | 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                         | \$50.00                          | \$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                                    | 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                         | \$25.00                          | \$0.00                                | per incident    |
| LWC        | WI    | OTHER CHARGES              | Duplicate CABS Bill charge   | WSK,WSQ                | OBMDW |      | \$0.00                         | \$25.00                          | \$0.00                                | per incident    |
| 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