

# **Richard T. Howell**Area Manager-Regulatory Relations

AT&T 208 S. Akard St. #2510.02 Dallas, Texas 75202 T: (214)757-8099 F: (214)746-2232 rh2514@att.com www.att.com

May 1, 2018

Ms. Talina R. Mathews
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P. O. Box 615
Frankfort, KY 40602

Re: Filing of Interconnection Agreement Amendment

Ms. Mathews:

Please find attached to this cover letter the electronic submission of the following filing:

The Amendment to implement the FCC USF/ICC, Lifeline and Link Up Reform, and USTelecom Forbearance Orders; replace the Customer Information Services language and rates; and reflect the name change from Hypercube Telecom, LLC to West Telecom Services, LLC to the current interconnection agreement between AT&T Kentucky and West Telecom Services, LLC (f/k/a Hypercube Telecom, LLC); Reference No. 00737.

This document is being electronically filed with the Commission on the date of this letter. Please contact me if you have any questions regarding this filing.

Sincerely,

Richard T. Howell

Area Manager-Regulatory Relations

Archal 9. Howell

Attachment

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# **AMENDMENT**

# **BETWEEN**

BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, AT&T MISSISSIPPI, AT&T NORTH CAROLINA, AT&T SOUTH CAROLINA AND AT&T TENNESSEE, ILLINOIS BELL TELEPHONE COMPANY 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 OHIO, PACIFIC 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** 

WEST TELECOM SERVICES, LLC

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Signature: eSigned - Ronald Beaumont

Name: eSigned - Ronald Beaumont

(Print or Type)

Title: President

(Print or Type)

Date: 28 Feb 2018

West Telecom Services, LLC

State	CLEC OCN
AI ARAMA	807C
7 (E) (E) (IVI) (	33.3
ARKANSAS	9556
CALIFORNIA	808C
FLORIDA	813C
GEORGIA	814C
ILLINOIS	816C
INDIANA	817C
KANSAS	818C
KENTUCKY	861C
LOUISIANA	819C
MICHIGAN	821C
MISSISSIPPI	823C
MISSOURI	824C
NEVADA	827C

Signature: eSigned - William Bockelman

Name: eSigned - William Bockelman

(Print or Type)

Title: DIR-INTERCONNECTION AGREEMENTS

(Print or Type)

Date: 28 Feb 2018

BellSouth Telecommunications, LLC d/b/a AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, AT&T MISSISSIPPI, AT&T NORTH CAROLINA, AT&T SOUTH CAROLINA and AT&T TENNESSEE, Illinois Bell Telephone Company 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

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NORTH CAROLINA	832C
OHIO	9557
OKLAHOMA	833C
SOUTH CAROLINA	837C
TENNESSEE	845C
TEXAS	9558
WISCONSIN	843C

Description	ACNA Code(s)
ACNA(s)	KMD

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# AMENDMENT TO THE AGREEMENT BETWEEN HYPERCUBE TELECOM, LLC AND

BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, AT&T MISSISSIPPI, AT&T NORTH CAROLINA, AT&T SOUTH CAROLINA AND AT&T TENNESSEE, ILLINOIS BELL TELEPHONE COMPANY 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 KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

This Amendment (the "Amendment") amends the Agreement(s) by and between AT&T and CARRIER as shown in the attached Exhibit A.

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

WHEREAS, the Parties desire to amend the Agreement to implement the *Lifeline and Link Up Reform and Modernization et al.*, WC Docket No. 11-42 et al., Second Report and Order, FCC 15-71, Released June 22, 2015 ("FCC Lifeline Order"); and

WHEREAS, the Parties desire to amend the Agreement to implement to the *Connect America Fund et al.*, WC Docket No. 10-90 et al, Report and Order issued by the Federal Communications Commission ("FCC") on November 18, 2011 (FCC 11-161), and as amended by the FCC on December 23, 2011 (FCC 11-189) ("FCC ICC Reform Order"), and

WHEREAS, the Parties desire to amend the Agreement to implement the *Petition of USTelecom for Forbearance Pursuant to 47 U.S.C. § 160(c) from Enforcement of Obsolete ILEC Legacy Regulations That Inhibit Deployment of Next-Generation Networks, WC Docket No. 14-192, Released December 28, 2015 ("FCC US Telecom Forbearance Order"), and* 

WHEREAS, the Parties desire to modify certain provisions related to Customer Information Services pursuant to WC Docket No. 16-13, approved March 15, 2016, and

WHEREAS, Hypercube Telecom, LLC has changed its name to West Telecom Services LLC, and wishes to reflect that name change as set forth herein.

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

The Amendment is composed of the foregoing recitals, the terms and conditions, contained within, Exhibit A, Exhibit B – Customer Information Services and Exhibit C - Pricing Sheet, all of which are hereby incorporated within this Amendment by this reference and constitute a part of this Amendment.

#### 2. Lifeline and Link Up Services

2.1. Delete the rates, terms and conditions related to Lifeline and Link Up service offerings from the Agreement. Lifeline and Link Up service will no longer be available under the Agreement beginning 180 days after Federal Register publication of the Office of Management and Budget's (OMB) approval.

#### 3. Intercarrier Compensation

3.1. The Parties hereby implement the intercarrier compensation rates reflected in the Pricing Sheet attached hereto as Exhibit C, for the termination of all Section 251(b)(5) Traffic exchanged between the Parties in the applicable state(s). The intercarrier compensation rates included in Exhibit C hereby supersede the existing rate elements included in the Agreement for purposes of reciprocal compensation.

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#### 4. Forbearance

4.1. Delete the rates, terms and conditions related to the unbundling of a 64 kbps voice-grade channel to provide narrowband services over fiber where an incumbent LEC retires a copper loop it has overbuilt with a fiber-to-the-home or fiber-to-the-curb loop.

#### Customer Information Services (CIS)

- 5.1. With the exception of 5.3 herein, delete all rates, terms and conditions pertaining to Customer Information Services, including but not limited to services related to Operator Services (OS), Directory Assistance (DA), Directory Assistance Listings (DAL), Inward Assistance Operator Services (INW) and White Pages (e.g., Busy Line Verification (BLV), Busy Line Verification/Interrupt (BLV/I), etc.) from the Agreement.
- 5.2. Add Attachment 06 Operator Services and Directory Assistance (OS/DA), attached hereto as Exhibit B; and the Operator Services and Directory Assistance (OS/DA) rates reflected in the Pricing Sheet, attached hereto as Exhibit C, to the Agreement.

### 5.3. Add the following provisions to the Attachment or Appendix for Resale

- CIS.1 For Resale service, AT&T will provide Customer Information Services to CLEC's End Users where technically feasible and/or available to AT&T retail End Users. Dialing, response, and sound quality will be provided in parity to AT&T retail End Users.
- CIS.2 CLEC is solely responsible for the payment of all charges for all services furnished under this Attachment, including but not limited to calls originated or accepted at CLEC's location and its End Users' service locations.
- CIS.3 Interexchange carrier traffic (e.g., sent-paid, information services and alternate operator services messages) received by AT&T for billing to Resale End User accounts will be returned as unbillable and will not be passed to CLEC for billing. An unbillable code will be returned with those messages to the carrier indicating that the messages were generated by a Resale account and will not be billed by AT&T.
- CIS.4 AT&T shall not be responsible for the manner in which utilization of Resale Services or the associated charges are allocated to End Users or others by CLEC. Applicable rates and charges for services provided to CLEC under this Attachment will be billed directly to CLEC and shall be the responsibility of CLEC.
- CIS.5 Charges billed to CLEC for all services provided under this Attachment shall be paid by CLEC regardless of CLEC's ability or inability to collect from its End Users for such services.
- CIS.6 If CLEC does not wish to be responsible for payment of charges for calling card, collect, or third number billed calls (Alternately Billed Traffic or "ABT") or toll and information services (for example, 900 calls), CLEC must order the appropriate available blocking for lines provided under this Attachment and pay any applicable charges. It is the responsibility of CLEC to order the appropriate toll restriction or blocking on lines resold to End Users. CLEC acknowledges that blocking is not available for certain types of calls, including without limitation 800, 888, 411 and Directory Assistance Express Call Completion. Depending on the origination point, for example, calls originating from correctional facilities, some calls may bypass blocking systems. CLEC acknowledges all such limitations and accepts all responsibility for any charges associated with calls for which blocking is not available and any charges associated with calls that bypass blocking systems.
- **6.** The Agreement is hereby amended to reflect the name change from Hypercube Telecom, LLC to West Telecom Services, LLC.
- 7. AT&T shall reflect that name change from Hypercube Telecom, LLC to West Telecom Services, LLC only for the main billing account (header card) for each of the accounts previously billed to Hypercube Telecom, LLC. AT&T shall not be obligated, whether under this Amendment or otherwise, to make any other changes to AT&T's records with respect to those accounts, including to the services and items provided and/or billed thereunder or under the Agreement. Without

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limiting the foregoing, West Telecom Services, LLC affirms, represents, and warrants that the ACNA and OCN for those accounts shall not change from that previously used by Hypercube Telecom, LLC with AT&T for those accounts and the services and items provided and/or billed thereunder or under the Agreement.

- Once this Amendment is effective, Hypercube Telecom, LLC shall operate with AT&T under the West Telecom Services, LLC name for those accounts. Such operation shall include, by way of example only, submitting orders under West Telecom Services, LLC, and labeling (including re-labeling) equipment and facilities with West Telecom Services, LLC. Any change in CLEC's name including a change in the "d/b/a", or due to assignment or transfer of this Agreement wherein only CLEC's name is changing, and no CLEC Company Code(s) (ACNA/CIC/OCN) are changing, constitutes a CLEC Name Change under this Section. For any CLEC Name Change, CLEC is responsible for providing proof of compliance with industry standards related to any Company Code(s), including notification of the name change to the appropriate issuing authority of those Company Code(s) as required. CLEC must submit the appropriate service request to AT&T to update CLEC's name on all applicable billing accounts (BANs), and CLEC is responsible for all applicable processing/administration and nonrecurring charges for each service request. Should CLEC desire to change its name on individual circuits and/or End User records, CLEC must submit the appropriate service request(s) to AT&T to update CLEC's name on individual circuits and/or End User records, and CLEC is responsible for all applicable processing/administration and nonrecurring charges for each of those service request(s).
- There shall be no retroactive application of any provision of this Amendment prior to the Effective Date of an adopting CLEC's agreement. This Amendment shall be deemed to revise the terms and provisions of the Agreement only to the extent necessary to give effect to the terms and provisions of this Amendment. In the event of a conflict between the terms and provisions of this Amendment and the terms and provisions of the Agreement (including all incorporated or accompanying Appendices, Addenda, and Exhibits to the Agreement), this Amendment shall govern, provided, however, that the fact that a term or provision appears in this Amendment but not in the Agreement, or in the Agreement but not in this Amendment, shall not be interpreted as, or deemed grounds for finding, a conflict for purposes of this Amendment.
- 10. 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.
- 11. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
- 12. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
- 13. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.
- 14. For Alabama, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Michigan, Mississippi, Missouri, Nevada, North Carolina, Oklahoma, South Carolina, Tennessee, Texas: This Amendment shall be filed with and is subject to approval by the applicable state Commission and shall become effective ten (10) days following approval by such Commission. For Arkansas: This Amendment shall be filed with the Arkansas Public Service Commission and shall become effective upon filing. For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91<sup>st</sup> day after filing. For California: Pursuant to Resolution ALJ 257, this filing will become effective, absent rejection of the Advice Letter by the Commission, upon thirty (30) days after the filing date of the Advice Letter to which this Amendment is appended. For Wisconsin: Pursuant to Wisconsin Statute § 196.40, this Amendment shall become effective ten (10) days after the mailing date of the final order approving this Amendment.

Amendment – Lifeline/Link Up, ICC, Forbearance and CIS/AT&T-21STATE
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# Exhibit A

AT&T ILEC ("AT&T")	CARRIER Old Legal Name	CARRIER new Legal Name	Contract Type	Approval Date / Last Party Signed Date
BellSouth Telecommunications, LLC d/b/a AT&T ALABAMA	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	June 30, 2005
BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	June 30, 2005
BellSouth Telecommunications, LLC d/b/a AT&T GEORGIA	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	June 30, 2005
BellSouth Telecommunications, LLC d/b/a AT&T KENTUCKY	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	June 30, 2005
BellSouth Telecommunications, LLC d/b/a AT&T LOUISIANA	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	June 30, 2005
BellSouth Telecommunications, LLC d/b/a AT&T MISSISSIPPI	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	June 30, 2005
BellSouth Telecommunications, LLC d/b/a AT&T NORTH CAROLINA	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	June 30, 2005
BellSouth Telecommunications, LLC d/b/a AT&T SOUTH CAROLINA	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	June 30, 2005
BellSouth Telecommunications, LLC d/b/a AT&T TENNESSEE	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	June 30, 2005
Illinois Bell Telephone Company d/b/a AT&T ILLINOIS	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	July 3, 2010
Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	July 19, 2007

Amendment – Lifeline/Link Up, ICC, Forbearance and CIS/AT&T-21STATE Page 2 of 2 WEST TELECOM SERVICES, LLC Version: 07/19/16

AT&T ILEC ("AT&T")	CARRIER Old Legal Name	CARRIER new Legal Name	Contract Type	Approval Date / Last Party Signed Date
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	July 26, 2007
Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	March 8, 2015
The Ohio Bell Telephone Company d/b/a AT&T OHIO	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	June 27, 2007
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	April 29, 2010
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	March 6, 2006
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	May 5, 2010
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	October 24, 2005
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	January 23, 2007
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	August 25, 2005
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	Hypercube Telecom, LLC	West Telecom Services, LLC	Interconnection	August 16, 2007

Attachment 06 – OS/DA/AT&T-21STATE Page 1 of 9 WEST TELECOM SERVICES, LLC Version: 3Q16 - CLEC ICA – 9/19/16

# ATTACHMENT 06 – OPERATOR SERVICES AND DIRECTORY ASSISTANCE (f/k/a CUSTOMER INFORMATION SERVICES)

Attachment 06 – OS/DA/AT&T-21STATE Page 2 of 9 WEST TELECOM SERVICES, LLC Version: 3Q16 - CLEC ICA – 9/19/16

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Attachment 06 – OS/DA/AT&T-21STATE Page 3 of 9 WEST TELECOM SERVICES, LLC Version: 3Q16 - CLEC ICA – 9/19/16

#### 1.0 INTRODUCTION

1.1 This Attachment sets forth the rates, terms and conditions under which AT&T-21STATE shall provide Operator Services/Directory Assistance (OS/DA) and Listings.

#### 1.2 OS/DA:

- 1.2.1 This Attachment sets forth the rates, terms and conditions under which the Parties shall jointly carry out OS/DA on a wholesale basis for CLEC End Users residing in AT&T-21STATE's local Exchange territory, regardless of whether CLEC is serving its End Users via:
  - 1.2.1.1 CLEC's own physical Switches; or
  - 1.2.1.2 Resale of AT&T-21STATE Retail OS/DA service.
- 1.2.2 CLEC shall be the retail OS/DA provider to its End Users, and AT&T-21STATE shall be the wholesale provider of OS/DA operations to CLEC. AT&T-21STATE shall answer CLEC's End User OS/DA calls on CLEC's behalf, as follows:
  - 1.2.2.1 When the End User dials 0- or 0+ the telephone number, AT&T-21STATE shall provide the Operator Services described in Section 3.4 below. CLEC may set its own retail OS/DA rates, and CLEC therefore acknowledges its responsibility to obtain (a) End User agreement to the OS/DA retail rates (e.g., by tariff or contract), and (b) any necessary regulatory approvals for its OS/DA retail rates.
  - 1.2.2.2 In response to CLEC End User inquiries about OS/DA rates, where available and technically feasible, AT&T-21STATE operators shall quote CLEC retail OS/DA rates, provided by CLEC (see Section 3.6 below). If further inquiries are made about rates, billing and/or other "business office" questions, AT&T-21STATE's OS/DA operators shall direct the calling party's inquiries to a CLEC-provided contact number (also see Section 3.6 below).
- 1.2.3 CLEC shall pay the applicable OS/DA rates found in the Pricing Sheet based upon CLEC's status as a Facilities-Based CLEC or a reseller. Provided however, CLEC may serve both as a reseller and as a facilities-based provider and CLEC may convert its facilities-based End Users to Resale service, or vice versa, as described below in Section 3.6.7 below.
  - 1.2.3.1 CLEC acknowledges and understands that wholesale OS/DA rates differ between Resale and facilities-based service, and that both types of OS/DA wholesale rates are listed in the Pricing Sheet.
  - 1.2.3.2 Billing and payment details, including the assessment of late payment charges for unpaid balances, are governed by the General Terms and Conditions in this Agreement.

#### 1.3 Listings:

1.3.1 This Attachment sets forth terms and conditions that apply to Resale and Facility-Based CLECs for subscriber listing information provided by AT&T-21STATE.

#### 2.0 DEFINITIONS

- 2.1 "Consolidated Reference Rater (CRR)" provides reference information (business office and repair numbers) and rate quotes for CLEC End Users.
- 2.2 "Facilities-Based CLEC" means a CLEC that provides service through its own switch or a Third Party provider's switch.
- 2.3 "General Assistance" means a service in which the End User dialing 0 asks the OS operator for assistance. The operator will respond in accordance with OS methods and practices that are in effect at the time the End User makes an OS call where available and technically feasible.
- 2.4 "Listings" means information identifying the listed names of subscribers of carriers and subscribers' telephone numbers, addresses or primary advertising classification or any combination, and that carrier or affiliate has published, caused to be published or accepted for publication in any directory format.
- 2.5 "Services" means Operator Services/Directory Assistance (OS/DA) and Listings.

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2.6 "Toll Center Code" means the three digit access tandem code ("ATC") that uniquely identifies a tandem switch in the Local Exchange Routing Guide (LERG) designated as providing access to operator services functions.

# 3.0 OPERATOR SERVICES (OS) / DIRECTORY ASSISTANCE (DA)

- 3.1 Dialing Parity:
  - 3.1.1 AT&T-21STATE will provide OS/DA to CLEC's End Users with no unreasonable dialing delays and at dialing parity with AT&T-21STATE retail OS/DA services.
- 3.2 Response Parity:
  - 3.2.1 Where available and technically feasible, CLEC's End Users shall be answered by AT&T-21STATE's OS and DA platforms with the same priority and using the same methods as for AT&T-21STATE's End Users.
  - 3.2.2 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 End Users served via that same AT&T-21STATE End Office Switch.
- 3.3 Requirements to Physically Interconnect:
  - 3.3.1 This section describes the physical interconnection and trunking requirements for a Facilities-Based CLEC to interconnect with AT&T-21STATE's OS/DA switches.
  - 3.3.2 The demarcation point for OS/DA traffic between the Parties' networks need not coincide with the point of interconnection for the physical interconnection of all other inter-carrier voice traffic, but at a minimum must be in the Local Access and Transport Area (LATA) in which the CLEC's OS/DA traffic originates.
    - 3.3.2.1 Because CLEC's switch may serve End Users in more than one LATA, the Parties agree that CLEC's OS/DA traffic originates from the physical location of the End User dialing 0, 411, or 555-1212 and not the physical location of CLEC's switch.
    - 3.3.2.2 To the extent CLEC is serving via circuit-switched wireless technology, the physical location of the End User dialing 0, 411, or 555-1212 shall be deemed the End User's physical billing address, regardless of whether the End User may be roaming at the time of placing the OS/DA call.
  - 3.3.3 The Parties will establish an OS/DA demarcation point at the AT&T-21STATE's OS/DA switch. By mutual agreement, an alternative OS/DA demarcation point may be determined based on the following factors:
    - 3.3.3.1 The size and type of facilities needed to carry CLEC's switch-based OS/DA traffic;
    - 3.3.3.2 Whether CLEC wishes to interconnect for OS or DA, or both;
    - 3.3.3.3 Whether CLEC or CLEC's Affiliate is collocated in an AT&T-21STATE local tandem office and wishes to use the collocation as the OS/DA demarcation point; and
    - 3.3.3.4 Whether CLEC or CLEC's Affiliate already has existing OS/DA facilities in place to the AT&T-21STATE's OS/DA platforms.
  - 3.3.4 CLEC shall be financially responsible for the transport facilities to the AT&T-21STATE's switch(es). CLEC may self-provision these OS/DA facilities, lease them from Third Parties, or lease them from AT&T-21STATE's intrastate Special Access Tariff. CLEC shall remain financially responsible for the transport facilities to the AT&T-21STATE's switch(es) and/or any one-way trunk groups from its designated operator assistance and directory assistance (or OA/DA) switch to the AT&T-21STATE operator assistance switch until CLEC initiates and successfully disconnects such transport facilities and/or trunk groups.
  - 3.3.5 General OS/DA Trunking Requirements:
    - 3.3.5.1 CLEC will initiate an Access Service Request (ASR) for all OS/DA trunk groups from its switch to the appropriate AT&T-21STATE OS/DA switches as a segregated one-way trunk group utilizing Multi-Frequency (MF) signaling. Unless technically infeasible, AT&T-21STATE will provision all such one-way trunk groups in the same manner and at the same intervals as for all other interconnection trunks between the Parties.

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- 3.3.5.2 CLEC will employ Exchange Access Operator Services Signaling (EAOSS) from the AT&T-21STATE End Offices to the AT&T-21STATE OS/DA switches that are equipped to accept 10-Digit Signaling for Automatic Number Identification (ANI).
- 3.3.5.3 Where EAOSS is not available, Modified Operator Services Signaling (MOSS) will be utilized, and a segregated one-way trunk group with MF signaling will be established from CLEC to each AT&T-21STATE OS/DA switch for each served Numbering Plan Area (NPA) in the LATA.
- 3.3.6 Specific OS/DA Trunk Groups and Their Requirements
  - 3.3.6.1 Operator Service Trunks:
    - 3.3.6.1.1 CLEC shall establish a one-way trunk group from CLEC's switch to the AT&T-21STATE OS switch serving OS End Users in that LATA. An OS only trunk group will be designated with the appropriate OS traffic use code and modifier. If the trunk group transports combined OS/DA/DACC over the same trunk group, then the group will be designated with a different traffic use code and modifier for combined services. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.
  - 3.3.6.2 DA/DA Call Completion (DACC) Trunks:
    - 3.3.6.2.1 Where permitted, CLEC shall establish a one-way trunk group from CLEC's switch to the AT&T-21STATE DA switch serving DA End Users in that LATA. If the trunk group transports DA/DACC only, but not OS, then the trunk group will be designated with the appropriate DA traffic use code and modifier.
    - 3.3.6.2.2 In AT&T-12STATE, if OS/DA/DACC is transported together on a combined trunk group, then the group will be designated with a different appropriate traffic use code and modifier from that used for a DA/DACC only trunk group. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.
    - 3.3.6.2.3 In AT&T SOUTHEAST REGION 9-STATE, if OS/DA/DACC is transported together on a combined trunk group, then the group will be designated with an appropriate traffic use code and modifier. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.
- 3.4 Operator Services Call Processing and Rates:
  - 3.4.1 AT&T-21STATE will assess its OS charges based upon whether the CLEC End User is receiving (a) manual OS (i.e., provided via an operator), or (b) automated OS (i.e., an OS switch equipment voice recognition feature, functioning either fully or partially without operators where available and technically feasible). The Pricing Sheet contains the full set of OS recurring and nonrecurring rates.
  - 3.4.2 AT&T-21STATE will provide OS to CLEC End Users where available and technically feasible to AT&T-21STATE End Users served in accordance with OS methods and practices in effect at the time the CLEC End User makes an OS call.
- 3.5 Directory Assistance Call Processing and Rates:
  - 3.5.1 AT&T-21STATE DA charges are assessed on a flat rate per call, regardless of call duration. The Pricing Sheet contains the recurring and nonrecurring rates.
  - 3.5.2 AT&T-21STATE will provide DA Services to CLEC End Users where available and technically feasible to AT&T-21STATE End Users served in accordance with DA Services methods and practices that are in effect at the time CLEC End User makes a DA call. AT&T-21STATE will provide the following DA services to a CLEC End User:
    - 3.5.2.1 <u>Local Directory Assistance</u> Consists of providing published name and telephone number.
    - 3.5.2.2 Directory Assistance Call Completion (DACC) A service in which a local or an intraLATA call to the

Attachment 06 – OS/DA/AT&T-21STATE Page 6 of 9 WEST TELECOM SERVICES, LLC Version: 3Q16 - CLEC ICA – 9/19/16

- requested number is completed.
- 3.5.2.3 <u>National Directory Assistance (NDA)</u> A service whereby callers may request published name and telephone number outside their LATA or local calling area for any listed telephone number in the United States.
- 3.5.2.4 <u>Reverse Directory Assistance (RDA)</u> Consists of providing listed local and national name and address information associated with a telephone number.
- 3.5.2.5 <u>Business Category Search (BCS)</u> A service whereby callers may request business telephone number listings for a specified category of business, when the name of the business is not known. Telephone numbers may be requested for local and national businesses.
- 3.6 OS/DA Non-recurring Charges for Loading Automated Call Greeting (i.e., Brand Announcement), Rates and Reference Information:
  - 3.6.1 CLEC End Users will hear silence upon connecting with the OS/DA switch. As an alternative to silence, CLEC may custom brand for which custom brand charges will apply.
    - 3.6.1.1 CLEC will provide announcement phrase information, via Operator Services Translations Questionnaire (OSTQ), to AT&T-21STATE in conformity with the format, length, and other requirements specified for all CLECs on the AT&T CLEC Online website.
    - 3.6.1.2 AT&T-21STATE will then perform all of the loading and testing of the announcement for each applicable OS/DA switch prior to live traffic. CLEC may also change its pre-recorded announcement at any time by providing a new announcement phrase in the same manner. CLEC will be responsible for paying subsequent loading and testing charges.
    - 3.6.1.3 CLEC understands that End Users may not perceive silent announcements as ordinary mechanical handling of OS/DA calls.
    - 3.6.1.4 CLEC agrees that if it does not brand the call, CLEC shall indemnify and hold AT&T-21STATE harmless from any regulatory violation, consumer complaint, or other sanction for failing to identify the OS/DA provider to the dialing End User.
  - 3.6.2 AT&T-21STATE will be responsible for loading the CLEC provided recording into all applicable OS and/or DA switches prior to live traffic, testing the announcement for sound quality at parity with that provided to AT&T-21STATE End Users. CLEC will be responsible for paying the initial recording announcement loading charges, and thereafter, the per-call charge as well as any subsequent loading charges if new recordings or silent announcements are provided as specified above.
  - 3.6.3 Branding load charges are assessed per loaded recording, per OCN, per switch. For example, a CLEC Reseller may choose to brand under a different name than its facilities-based operations, and therefore two separate recordings could be loaded into each switch, each incurring the branding or silent load charge. These charges are mandatory, nonrecurring, and are found in the Pricing Sheet.
  - 3.6.4 Where Consolidated Reference Rater ("CRR") is available and technically feasible, the applicable CLEC-charged retail OS/DA rates and a CLEC-provided contact number (e.g., reference to a CLEC business office or repair center) are loaded into the system utilized by the OS operator.
  - 3.6.5 Where CRR is available and technically feasible, AT&T-21STATE will be responsible for loading the CLEC-provided OS/DA retail rates and the CLEC provided contact number(s) into the OS/DA switches. CLEC will be responsible for paying the initial reference and rate loading charges.
  - 3.6.6 CRR load charges are assessed per loaded set of rates/references, where CRR is available and technically feasible, per OCN, per state. For example, a CLEC reseller may choose to rate differently than its Facilities-Based CLEC operations, or may change its rates/references during the life of the contract, and therefore separate sets of rates/references could be loaded for each OCN, per state, with each loading incurring the rate/reference charge. These charges are mandatory, nonrecurring and are found in the Pricing Sheet.

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- 3.6.7 Converting End Users from prior branded service to CLEC or silent-branded service, or between Resale and facilities-based service:
  - 3.6.7.1 To the extent that CLEC has already established the branding/silent announcement recording in AT&T-21STATE OS/DA switches for both Resale and facilities-based service, then no non-recurring charges apply to the conversion of End Users from prior Resale OS/DA wholesale service to facilities-based OS/DA wholesale service, or vice versa.
  - 3.6.7.2 To the extent that CLEC has not established the branding announcement recording in AT&T-21STATE OS/DA switches for Resale and/or facilities-based service, then non-recurring charges apply to set up the OS/DA call for the new type of service, as is described in Section 3.6 above, and at the rates set forth in the Pricing Sheet.

#### 4.0 LISTINGS

4.2

- 4.1 General Provisions:
  - 4.1.1 Subject to state requirements and AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of listings, AT&T-21STATE will make available to CLEC, for CLEC End Users, non-discriminatory access to listings in the same manner as AT&T-21STATE makes listings available to AT&T-21STATE retail End Users.

Responsibilities of the Parties:

- 4.2.1 Subject to AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of white page directories, AT&T-21STATE will include in appropriate white pages directories the primary alphabetical listings of CLEC End Users located within the AT&T-21STATE ILEC Territory. When CLEC provides its subscriber listing information to AT&T-21STATE listings database, CLEC will receive for its End User, one primary listing in AT&T-21STATE white pages directory and a listing in AT&T-21STATE's DA database at no charge, other than applicable service order charges as set forth in the Pricing Sheet.
  - 4.2.1.1 Except in the case of a Local Service Request (LSR) submitted solely to port a number from AT&T SOUTHEAST REGION 9-STATE, if such listing is requested on the initial LSR associated with the request for services, a single manual service order charge or electronic service order charge, as appropriate, will apply to both the request for service and the request for the directory listing. Where a subsequent LSR is placed solely to request a directory listing, or is placed to port a number and request a directory listing, separate service order charges as set forth in AT&T-21STATE's tariffs shall apply, as well as the manual service order charge or the electronic service order charge, as appropriate.
  - 4.2.1.2 Listing Information Confidentiality:
    - 4.2.1.2.1 AT&T-21STATE will afford CLEC's directory listing information the same level of confidentiality that AT&T-21STATE affords its own directory listing information.
  - 4.2.1.3 Unlisted/Non-Published End Users:
    - 4.2.1.3.1 CLEC will provide to AT&T-21STATE the names, addresses and telephone numbers of all CLEC End Users who wish to be omitted from directories. Non-listed/Non-Published listings will be subject to the rates as set forth in AT&T-21STATE's tariffs and/or service quidebooks. AT&T-21STATE does not provide a resale discount for any listings.
  - 4.2.1.4 Additional Listings:
    - 4.2.1.4.1 Where a CLEC End User requires listings in addition to the primary listing to appear in the white pages directory, AT&T-21STATE will offer such listings at rates as set forth in AT&T-21STATE's tariffs and/or service guidebooks. AT&T-21STATE does not provide a resale discount for any listings. CLEC shall furnish to AT&T-21STATE subscriber listing information pertaining to CLEC End Users located within the AT&T-21STATE

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ILEC Territory, along with such additional information as AT&T-21STATE may be required to include in the alphabetical listings of said directory. CLEC shall refer to the AT&T CLEC Online website for methods, procedures and ordering information.

- 4.2.2 CLEC will provide accurate subscriber listing information of its subscribers to AT&T-21STATE via a mechanized feed of the directory listing information to AT&T-21STATE's Directory Listing database. CLEC agrees to submit all listing information via a mechanized process within six (6) months of the Effective Date of this Agreement, or upon CLEC reaching a volume of two hundred (200) listing updates per day, whichever comes first. CLEC's subscriber listings will be interfiled (interspersed) in the directory among AT&T-21STATE's subscriber listing information. CLEC will submit listing information within one (1) business day of installation, disconnection or other change in service (including change of non-listed or non-published status) affecting the DA database or the directory listing of a CLEC End User. CLEC must submit all listing information intended for publication by the directory close (a/k/a last listing activity) date.
- 4.2.3 White Page Directories:
  - 4.2.3.1 Subject to state requirements and AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of white page directories, each CLEC subscriber may receive one copy per primary End User listing, as provided by CLEC, of the appropriate AT&T-21STATE white pages directory in the same manner, format and at the same time that they are delivered to AT&T-21STATE's retail End Users.
- 4.2.4 Use of Subscriber Listing Information:
  - 4.2.4.1 Subject to AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of white page directories, AT&T-21STATE agrees to serve as the single point of contact for all independent and Third Party directory publishers who seek to include CLEC's subscriber (i.e., End User) listing information in an area directory, and to handle the CLEC's subscriber listing information in the same manner as AT&T-21STATE's subscriber listing information. In exchange for AT&T-21STATE serving as the single point of contact and handling all subscriber listing information equally, CLEC authorizes AT&T-21STATE to include and use the CLEC subscriber listing information provided to AT&T-21STATE DA databases, and to provide CLEC subscriber listing information to directory publishers. Included in this authorization is release of CLEC listings to requesting competing carriers as required by Section 271(c)(2)(B)(vii)(II) and Section 251(b)(3) and any applicable state regulations and orders. Also included in this authorization is AT&T-21STATE's use of CLEC's subscriber listing information in AT&T-21STATE's DA, DA related products and services, and directory products and services.
  - 4.2.4.2 AT&T-21STATE further agrees not to charge CLEC for serving as the single point of contact with independent and Third Party directory publishers, no matter what number or type of requests are fielded. In exchange for the handling of CLEC's subscriber list information to directory publishers, CLEC agrees that it will receive no compensation for AT&T-21STATE's receipt of the subscriber list information or for the subsequent release of this information to directory publishers. Such CLEC subscriber list information shall be interfiled (interspersed) with AT&T-21STATE's subscriber list information and the subscriber list information of other companies that have authorized a similar release of their subscriber list information by AT&T-21STATE.
- 4.2.5 Upon identification and notice of non-compliance by AT&T-21STATE, CLEC agrees to pay all direct costs incurred by AT&T-21STATE as a result of CLEC not complying with the terms of this Attachment and in accordance with the Limitations of Liability section in the General Terms and Conditions Attachment of this Agreement.
- 4.2.6 This Attachment shall not establish, be interpreted as establishing, or be used by either Party to establish or to represent their relationship as any form of agency, partnership or joint venture.
- 4.2.7 Breach of Contract:

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4.2.7.1 If either Party is found to have materially breached the Listings terms of this Attachment, the non-breaching Party may terminate the Listings terms of this Attachment by providing written Notice to the breaching Party, whereupon this Attachment shall be null and void with respect to any issue of white pages directory published sixty (60) or more calendar days after the date of receipt of such written Notice. CLEC further agrees to pay all costs incurred by AT&T-21STATE and/or its Affiliates and vendor as a result of such CLEC breach.

## 4.2.8 General Conditions for Listings:

- 4.2.8.1 Notwithstanding the foregoing, AT&T-21STATE reserves the right to suspend, modify or terminate, without penalty, any Listings Service offerings that are provided under this Attachment on ninety (90) days' written notice in the form of an Accessible Letter.
- 4.2.8.2 CLEC shall be solely responsible for any and all legal or regulatory requirements for the modification or discontinuance of Listings products and/or services to CLEC End Users under this Section.

# 5.0 GENERAL CONDITIONS FOR OPERATOR SERVICES (OS), DIRECTORY ASSISTANCE (DA)

Notwithstanding the foregoing, AT&T-21STATE reserves the right to suspend, modify or terminate, without penalty, any OS and/or DA feature of Service(s) offerings that are provided under this Attachment on one hundred eighty (180) days' written notice in the form of an Accessible Letter.

#### 5.2 Termination:

- 5.2.1 If the CLEC terminates OS and/or DA service prior to the expiration of the term of this Agreement, CLEC shall pay AT&T-21STATE, within thirty (30) calendar days of the issuance of any bills by AT&T-21STATE, all amounts due for actual services provided under this Attachment, plus estimated monthly charges for the remainder of the term. Estimated charges will be based on an average of the actual monthly amounts billed by AT&T-21STATE pursuant to this Attachment prior to its termination. The rates applicable for determining the amount(s) under the terms outlined in this Section are those specified in the Pricing Sheet.
- 5.3 CLEC shall be solely responsible for any and all legal or regulatory requirements for the modification or discontinuance of OS and/or DA products/services to CLEC End Users under this Attachment.

# 6.0 <u>TERMINATION – ENTIRE ATTACHMENT 06 – OPERATOR ASSISTANCE AND DIRECTORY ASSISTANCE SERVICES</u>

The Parties reserve the right to suspend or terminate, without penalty, this Attachment in its entirety on one hundred eighty (180) days' written notice. The Attachment will be coterminous with the ICA or will continue until the Party desiring to terminate this Attachment provides one hundred eighty (180) days' written Notice to the other Party of the date the Attachment will terminate ("Termination Date"), whichever date is earlier.

						1	1	1		
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
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT	AL	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective through 6/30/17)				0.0007			MOU
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT	AL	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)				0.00bk			MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective							
2MR-AT	AL	TRANSPORT AND TERMINATION)	through 6/30/18)				0.0000023			MILE/MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective							
2MR-AT	AL	TRANSPORT AND TERMINATION)	7/1/2018)				0.00bk			MILE/MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU							
2MR-AT	AL	TRANSPORT AND TERMINATION)	(Effective through 6/30/18)				0.0003224			MOU
OMD AT		LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU				0.001.1			MOLL
2MR-AT	AL	TRANSPORT AND TERMINATION)	(Effective 7/1/2018) Each subscriber will receive one (1) copy per primary				0.00bk			MOU
			End User listing of AT&T White Pages directory in the							
			same manner and at the same time that they are							
			delivered to AT&T's subscribers during the annual							primary End User
6	AL	DIRECTORY DELIVERY	delivery of newly published directories.							listing
	7.12	DIKLOTOKI BELITEKI	Facility Based CLEC - Recording and Provisioning of							noung
6	AL	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
			Facility Based CLEC - Loading of Custom Branded					,	,	
6	AL	BRANDING - DIRECTORY ASSISTANCE	Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
			Directory Assistance Access Service Calls, Charge Per							
6	AL	DIRECTORY ASSISTANCE SERVICES	Call				0.31			call
_			Directory Assistance Call Completion Access Service							
6	AL	DIRECTORY ASSISTANCE SERVICES	(DACC), Per Call Attempt				0.10			Call Attempt
6	AL	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		nor state nor OCN
б	AL	BRANDING - DIRECTOR I ASSISTANCE	Directory Assistance - Rate Reference Subsequent					5,000.00		per state per OCN
6	AL	BRANDING - DIRECTORY ASSISTANCE	Load per state per OCN						1 500 00	per state per OCN
	712	DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS) - Initial						1,000.00	por state per cort
6	AL	SERVICE (DADS)	Load, per listing					0.04		listing
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS) -					3.0		
6	AL	SERVICE (DADS)	Update, per listing				0.04			listing
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS) -							
6	AL	SERVICE (DADS)	Monthly Recurring Fee				150.00			
		BRANDING - OPERATOR CALL	Facility based CLEC - Recording of Custom Branded							
6	AL	PROCESSING	OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
0		BRANDING - OPERATOR CALL	Facility based CLEC - Loading of Custom Branded OA	ANAT	00401			500.00	500.00	per shelf/NAV per
6	AL	PROCESSING	Announcement per shelf/NAV per OCN Oper. Call Processing - Oper. Provided, Per Min	AMT	CBAOL			500.00	500.00	OCN
6	AL	OPERATOR CALL PROCESSING	Using BST LIDB				1.20			Minute
U	/\L	OF ENATOR OALL FROOLOGING	Oper. Call Processing - Oper. Provided, Per Min		+		1.20			wintate
6	AL	OPERATOR CALL PROCESSING	Using Foreign LIDB				1.24			Minute
			Oper. Call Processing - Fully Automated, per Call -							
6	AL	OPERATOR CALL PROCESSING	Using BST LIDB				0.20			call
			Oper. Call Processing - Fully Automated, per Call -							
6	AL	OPERATOR CALL PROCESSING	Using Foreign LIDB				0.20			call
		BRANDING - OPERATOR CALL	Operator Services - Rate Reference Initial Load per						T	
6	AL	PROCESSING	state per OCN		1			5,000.00		per state per OCN
		BRANDING - OPERATOR CALL	Operator Services - Rate Reference Subsequent Load						4 500 00	
6	AL	PROCESSING	per state per OCN Wholesale CLEC - Recording of DA Custom Branded		1				1,500.00	per state per OCN
6	Λ1	BRANDING - DIRECTORY ASSISTANCE	Announcement					3,000.00	2 000 00	
6	AL	DUVINDING - DIKECTOK I A9919 I ANCE	Wholesale CLEC - Loading of DA Custom Branded		+			3,000.00	3,000.00	
6	AL	BRANDING - DIRECTORY ASSISTANCE	Announcement per Switch per OCN					1.170.00	1 170 00	per Switch per OCN
			por outlone por outlone		1	1	1	.,170.00	., .,	: O POI O O IV

Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Monthly Recurring Zone Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
Attachinent	State	Floudet	Unbranding via OLNS for Wholesale CLEC - Loading of	COS (Class of Service)	0300	Zone Charge (WKC)	FIISL	Additional	rei Ollit
6	AL	BRANDING - DIRECTORY ASSISTANCE	DA per OCN (1 OCN per Order)				420.00	420.00	OCN
			Unbranding via OLNS for Wholesale CLEC - Loading of						
6	AL	BRANDING - DIRECTORY ASSISTANCE	DA per Switch per OCN				16.00	16.00	per Switch per OCN
		BRANDING - OPERATOR CALL	Wholesale CLEC - Recording of Custom Branded OA						
6		PROCESSING	Announcement				7,000.00	7,000.00	
		BRANDING - OPERATOR CALL	Wholesale CLEC - Loading of Custom Branded OA						per shelf/NAV per
6		PROCESSING	Announcement per shelf/NAV per OCN				500.00	500.00	OCN
		BRANDING - OPERATOR CALL	Wholesale CLEC - Unbranding via OLNS - Loading of						
6		PROCESSING	OA per OCN (Regional)				1,200.00	1,200.00	OCN
		BRANDING - OPERATOR CALL	Wholesale CLEC - Loading of OA Custom Branded						
6	AL	PROCESSING	Announcement per Switch per OCN				1,170.00	1,170.00	per Switch per OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Zone Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	AR	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION) LOCAL INTERCONNECTION (CALL	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU (Effective through 6/30/17) Rate for all ISP-Bound and Section 251(b)(5) Traffic as		ZZUR2	\$ 0.0007			MOU
2MR-AT	AR	TRANSPORT AND TERMINATION) LOCAL INTERCONNECTION (CALL	per FCC-01-131, per MOU (Effective 7/01/17) Optional EAS Transport and Termination per MOU		ZZUR2	\$0.00			MOU
2MR-AT	AR	TRANSPORT AND TERMINATION)	(Effective 7/1/2015 – 6/30/2016)		ZZUR2	\$ 0.0058000			MOU
ZiviiC7(1	7.11	LOCAL INTERCONNECTION (CALL	Optional EAS Transport and Termination per MOU		ZZORZ	Ψ 0.000000			MOO
2MR-AT	AR	TRANSPORT AND TERMINATION) LOCAL INTERCONNECTION (CALL	(Effective 7/1/2016 – 6/30/2017) Optional EAS Transport and Termination per MOU		ZZUR2	\$ 0.0007			MOU
2MR-AT	AR	TRANSPORT AND TERMINATION)	(Effective 7/1/2017)		ZZUR2	\$0.00			MOU
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3	\$ 0.40		NA	per call
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - credit		ZZUO4	\$ 0.40		NA NA	per call
-	7111	DIRECTORT ACCIOTANCE CERVICES	Directory Assistance (DA) per can creak		22004	Ψ 0.40	14/4	14/4	percan
6	AR	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per call		ZZUO7	\$ 0.15	NA	NA	per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) per call		ZZUO5	\$ 0.65		NA NA	per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) per call - credit		ZZUO6	\$ 0.65		NA NA	per call
6		DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) per call		ZZUOB	\$ 0.65		NA NA	per call
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) per call		ZZUO8	\$ 0.65		NA NA	per call
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) per call - credit		ZZUO9	\$ 0.65		NA	per call
6		BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load - per OCN, per switch		NRBDG	NA			per OCN, per switch
6	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call		ZZUCB	\$ 0.030	NA	NA	per call
6	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load - per state, per OCN		NRBDL	NA	\$ 5,000.00	NA	per state, per OCN
			Directory Assistance - Rate Reference Subsequent						
6	AR	BRANDING - DIRECTORY ASSISTANCE	Load - per state, per OCN Directory Assistance Listings (DAL)-Initial Load, per		NRBDM	NA	\$ 1,500.00	NA	per state, per OCN
6	AR	DIRECTORY ASSISTANCE LISTINGS	listing			NA	\$ 0.0585	NA	per listing
6	AR	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Update, per listing Directory Assistance Listings (DAL)-Non-Pub			\$ 0.0585	NA	NA	per listing
6	A D	DIRECTORY ASSISTANCE LISTINGS	Emergency Message Service			\$ 2.10	NA	NA	a a a liasia a
6		DIRECTORY ASSISTANCE LISTINGS DIRECTORY LISTING PRODUCT	White Page Directory Listings			\$ 2.10	NA NA	NA NA	per listing
6		DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings				NA NA	NA NA	
0	AK	DIRECTORT LISTING PRODUCT	Operated Services - Fully Automated Call Processing				INA	INA	per completed
6	AR	OPERATOR CALL PROCESSING	(Per completed automated call)		ZZUO1	\$ 0.15	NA	NA	automated call
6	AR	OPERATOR CALL PROCESSING	Operator Assisted Call Processing All Types per work second		ZZUO2	\$ 0.030	NA	NA	per work second
6	AR	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding - Initial/Subsequent Load - per OCN, per switch		NRBDG	NA NA	\$ 1,800.00	\$ 1,800.00	per state per OCN
		BRANDING - OPERATOR CALL						,	
6	AR	PROCESSING BRANDING - OPERATOR CALL	Operator Services - Branding - per call Operator Services - Rate Reference Initial Load - per		ZZUCB	\$ 0.030	NA	NA	per call
6		PROCESSING BRANDING - OPERATOR CALL	state, per OCN Operator Services - Rate Reference Subsequent Load -		NRBDL	NA	\$ 5,000.00	NA	per state per OCN
6		PROCESSING	per state, per OCN		NRBDM	NA	\$ 1,500.00	NA	per state per OCN
6	AR	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services			14.50%	NA	NA	
6	AR	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service			14.50%	NA	NA	

					1				
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Charge (N Zone Charge (MRC) First	ng Red	Non- curring ge (NRC) ditional	Per Unit
		LOCAL INTERCONNECTION (CALL	Rate for All ISP-Bound Traffic and Section 251(b)(5)						
		LOCAL INTERCONNECTION (CALL	Traffic as per FCC 01-131, per MOU (Effective Through		00000				
2MR-AT	CA	TRANSPORT AND TERMINATION)	6/30/17)	L1T++	GOC00	\$ 0.000700			MOU
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as						
2MR-AT	CA	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)	L1T++	GOC00	\$0.00			MOU
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance Rate, per call			\$ 0.40			call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call			\$ 0.65			call
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call			\$ 0.65			call
6	CA	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS), per call			\$ 0.65			call
6	CA	DIRECTORY ASSISTANCE SERVICES	Express Call Completion/Directory Assistance Call Completion (DACC) - Rate per call			\$ 0.15			call
6	CA	DIRECTORY ASSISTANCE SERVICES	Express Call Completion/Directory Assistance Call Completion (DACC) - Call Completion LATA Wide - Per MOU			\$ 0.00436			мои
6	CA	BRANDING - DIRECTORY ASSISTANCE	Branding - Other - Initial/Subsequent Load, per switch, per OCN	OPS++	BRAND	NA \$ 1,80	0.00 \$	1,800.00	per switch, per OCN
6	CA	BRANDING - DIRECTORY ASSISTANCE	Branding and Reference/Rate Look Up, per OS/DA Call			\$ 0.03			OS/DA call
6	CA	BRANDING - DIRECTORY ASSISTANCE	Rate Reference - Initial Load, per state, per OCN			NA \$ 5,00	0.00		OCN
6	CA	BRANDING - DIRECTORY ASSISTANCE	Rate Reference - Subsequent Load, per state, per OCN			NA	\$	1,500.00	OCN
6		BRANDING - OPERATOR CALL PROCESSING	Branding - Other - Initial/Subsequent Load, per switch, per OCN	OPS++	BRAND	NA \$ 1,80	0.00 \$	1,800.00	per switch, per OCN
		BRANDING - OPERATOR CALL							
6		PROCESSING	Branding and Reference/Rate Look Up, per OS/DA Call			\$ 0.03			OS/DA call
6		BRANDING - OPERATOR CALL PROCESSING	Rate Reference - Initial Load, per state, per OCN			NA \$ 5,00	0.00		OCN
		BRANDING - OPERATOR CALL							
6		PROCESSING	Rate Reference - Subsequent Load, per state, per OCN			NA	\$	1,500.00	OCN
6	CA	OPERATOR CALL PROCESSING	Fully Automated Call Processing, per call	·		\$ 0.15			call
6	CA	OPERATOR CALL PROCESSING	Fully Automated Call Processing - Call Completion LATA Wide - Per MOU			\$ 0.00436			MOU
6	CA	OPERATOR CALL PROCESSING	Operator - Assisted Call Processing - All Types, per work second			\$ 0.03			work second
6	CA	OPERATOR CALL PROCESSING	Operator - Assisted Call Processing - All Types - Call Completion LATA Wide - Per MOU			\$ 0.00436			MOU
6		DIRECTORY ASSISTANCE SERVICES	Trunk Installation per trunk	OPS++	TPP6X		0.00 \$	184.00	trunk
6		DIRECTORY ASSISTANCE SERVICES	Trunk Installation per trunk	OPS++	TPP9X	· · · · · ·	0.00 \$	184.00	trunk
6		DIRECTORY ASSISTANCE SERVICES	DAL				NA	NA	

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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
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT	FL	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective through 6/30/17)				0.0007			MOU
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT	FL	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)				0.00bk			MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective							
2MR-AT	FL	TRANSPORT AND TERMINATION)	through 6/30/18)				0.0000035			MILE/MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective							
2MR-AT	FL	TRANSPORT AND TERMINATION)	7/1/2018)				0.00bk			MILE/MOU
014D 4T		LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU				0.0004070			
2MR-AT	FL	TRANSPORT AND TERMINATION)	(Effective through 6/30/18) Common Transport - Facilities Termination Per MOU				0.0004372			MOU
2MR-AT	FL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	(Effective 7/1/2018)				0.00bk			MOU
ZIVIK-A I	FL	TRANSPORT AND TERMINATION)	Each subscriber will receive one (1) copy per primary				U.UUDK			IVIOU
			End User listing of AT&T White Pages directory in the							
			same manner and at the same time that they are							
			delivered to AT&T's subscribers during the annual							primary End User
6	FL	DIRECTORY DELIVERY	delivery of newly published directories.							listing
			Facility Based CLEC - Recording and Provisioning of							
6	FL	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
			Facility Based CLEC - Loading of Custom Branded							
6	FL	BRANDING - DIRECTORY ASSISTANCE	Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00 p	er Switch per OCN
		DIDECTORY ASSISTANCE OF DUICES	Directory Assistance Access Service Calls, Charge Per							
6	FL	DIRECTORY ASSISTANCE SERVICES	Call Directory Assistance Call Completion Access Service				0.31			call
6	FL	DIRECTORY ASSISTANCE SERVICES	(DACC), Per Call Attempt				0.10			call attempt
0	FL	DIRECTORT ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per				0.10			can attempt
6	FL	BRANDING - DIRECTORY ASSISTANCE	state per OCN					5,000.00		per state per OCN
-		DIGINAL DINCE DINCE OF THE OFFICE OF THE OFFI	Directory Assistance - Rate Reference Subsequent					0,000.00		por dialo por d'ort
6	FL	BRANDING - DIRECTORY ASSISTANCE	Load per state per OCN						1,500.00	per state per OCN
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Initial							
6	FL	SERVICE (DADS)	Load, per listing					0.04		listing
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-							
6	FL	SERVICE (DADS)	Update, per listing				0.04			listing
	FL	DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Monthly				450.00			
6	FL	SERVICE (DADS) BRANDING - OPERATOR CALL	Recurring Fee Facility based CLEC - Recording of Custom Branded				150.00			
6	FL	PROCESSING	OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
		BRANDING - OPERATOR CALL	Facility based CLEC - Loading of Custom Branded OA	7.000	02/100			1,000.00		per shelf/NAV per
6	FL	PROCESSING	Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	OCN
			Oper. Call Processing - Oper. Provided, Per Min							
6	FL	OPERATOR CALL PROCESSING	Using BST LIDB				1.20			minute
			Oper. Call Processing - Oper. Provided, Per Min							
6	FL	OPERATOR CALL PROCESSING	Using Foreign LIDB				1.24			minute
		ODEDATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call -				0.00			!!
6	FL	OPERATOR CALL PROCESSING	Using BST LIDB  Oper. Call Processing - Fully Automated, per Call -		+	1	0.20	1		call
6	FL	OPERATOR CALL PROCESSING	Using Foreign LIDB				0.20			call
, J	1 -	BRANDING - OPERATOR CALL	Operator Services - Rate Reference Initial Load per		+	1	0.20	1		oail
6	FL	PROCESSING	state per OCN					5,000.00		per state per OCN
		BRANDING - OPERATOR CALL	Operator Services - Rate Reference Subsequent Load					5,000.00		,
6	FL	PROCESSING	per state per OCN						1,500.00	per state per OCN
			Wholesale CLEC - Recording of DA Custom Branded							·
6	FL	BRANDING - DIRECTORY ASSISTANCE	Announcement				1	3,000.00	3,000.00	
		DRAMBING DIDECTORY	Wholesale CLEC - Loading of DA Custom Branded							0 11 1 22
6	FL	BRANDING - DIRECTORY ASSISTANCE	Announcement per Switch per OCN					1,170.00	1,170.00 p	er Switch per OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Monthly Recurring Zone Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
Attachinent	State	Floudet	Unbranding via OLNS for Wholesale CLEC - Loading of	COS (Class of Service)	0300	Zone Charge (WKC)	FIISL	Additional	rei Ollit
6	FL	BRANDING - DIRECTORY ASSISTANCE	DA per OCN (1 OCN per Order)				420.00	420.00	OCN
			Unbranding via OLNS for Wholesale CLEC - Loading of						
6	FL	BRANDING - DIRECTORY ASSISTANCE	DA per Switch per OCN				16.00	16.00	per Switch per OCN
		BRANDING - OPERATOR CALL	Wholesale CLEC - Recording of Custom Branded OA						
6		PROCESSING	Announcement				7,000.00	7,000.00	
		BRANDING - OPERATOR CALL	Wholesale CLEC - Loading of Custom Branded OA						per shelf/NAV per
6	FL	PROCESSING	Announcement per shelf/NAV per OCN				500.00	500.00	OCN
		BRANDING - OPERATOR CALL	Wholesale CLEC - Unbranding via OLNS - Loading of	·					
6	FL	PROCESSING	OA per OCN (Regional)				1,200.00	1,200.00	OCN
		BRANDING - OPERATOR CALL	Wholesale CLEC - Loading of OA Custom Branded						
6	FL	PROCESSING	Announcement per Switch per OCN				1,170.00	1,170.00	per Switch per OCN

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Charge (NRC)  Zone Charge (MRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as					
2MR-AT	GA	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective through 6/30/17)			0.0007		MOU
ZIVIIX AT	O/A	LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as			0.0007		IVIOO
2MR-AT	GA	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)			0.00bk		MOU
ZIVIN-AT	- GA	LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective			0.000K		IVIOU
2MR-AT	GA	TRANSPORT AND TERMINATION)	through 6/30/18)			0.0000028		MILE/MOU
ZIVIN-A I	GA	LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective			0.000028		IVIILE/IVIOU
2MR-AT	C 4	TRANSPORT AND TERMINATION)	7/1/2018)			0.0061		MILE/MOLL
ZIVIK-A I	GA	LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU			0.00bk		MILE/MOU
2MR-AT						0.0004055		MOLL
2MR-AT	GA	TRANSPORT AND TERMINATION) LOCAL INTERCONNECTION (CALL	(Effective through 6/30/18) Common Transport - Facilities Termination Per MOU			0.0001955		MOU
OMD AT						0.0011		MOLL
2MR-AT	GA	TRANSPORT AND TERMINATION)	(Effective 7/1/2018) Each subscriber will receive one (1) copy per primary			0.00bk		MOU
			End User listing of AT&T White Pages directory in the					
			same manner and at the same time that they are					
_			delivered to AT&T's subscribers during the annual					primary End User
6	GA	DIRECTORY DELIVERY	delivery of newly published directories.					listing
			Facility Based CLEC - Recording and Provisioning of					
6	GA	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement	AMT	CBADA	3,000.00	3,000.00	announcement
			Facility Based CLEC - Loading of Custom Branded					
6	GA	BRANDING - DIRECTORY ASSISTANCE	Announcement per Switch per OCN	AMT	CBADC	1,170.00	1,170.00	per Switch per OCN
			Directory Assistance Access Service Calls, Charge Per					
6	GA	DIRECTORY ASSISTANCE SERVICES	Call			0.31		call
			National Directory Assistance, (NDA), Charge Per Call,					
6	GA	DIRECTORY ASSISTANCE SERVICES	where available			0.31		call
			Reverse Directory Assistance, (RDA), Charge Per Call,					
6	GA	DIRECTORY ASSISTANCE SERVICES	where available			0.31		call
			Business Category Search, (BCS), Charge Per Call,					
6	GA	DIRECTORY ASSISTANCE SERVICES	where available			0.31		call
			Directory Assistance Call Completion Access Service					
6	GA	DIRECTORY ASSISTANCE SERVICES	(DACC), Per Call Attempt			0.10		Call Attempt
			Directory Assistance - Rate Reference Initial Load per					
6	GA	BRANDING - DIRECTORY ASSISTANCE	state per OCN			5,000.00		per state per OCN
			Directory Assistance - Rate Reference Subsequent					
6	GA	BRANDING - DIRECTORY ASSISTANCE	Load per state OCN				1,500.00	per state per OCN
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Initial		1			
6	GA	SERVICE (DADS)	Load, per listing			0.04	1	listing
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-		1			
6	GA	SERVICE (DADS)	Update, per listing			0.04		listing
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Monthly					
6	GA	SERVICE (DADS)	Recurring Fee			150.00		
		BRANDING - OPÉRATOR CALL	Facility based CLEC - Recording of Custom Branded					
6	GA	PROCESSING	OA Announcement	AMT	CBAOS	7,000.00	7,000.00	announcement
		BRANDING - OPERATOR CALL	Facility based CLEC - Loading of Custom Branded OA					per shelf/NAV per
6	GA	PROCESSING	Announcement per shelf/NAV per OCN	AMT	CBAOL	500.00	500.00	OCN
			Oper. Call Processing - Oper. Provided, Per Min					
6	GA	OPERATOR CALL PROCESSING	Using BST LIDB			1.20		Minute
			Oper. Call Processing - Oper. Provided, Per Min					
6	GA	OPERATOR CALL PROCESSING	Using Foreign LIDB			1.24		Minute
			Oper. Call Processing - Fully Automated, per Call -					
6	GA	OPERATOR CALL PROCESSING	Using BST LIDB			0.20		call
			Oper. Call Processing - Fully Automated, per Call -		1			
6	GA	OPERATOR CALL PROCESSING	Using Foreign LIDB			0.20		call
		BRANDING - OPERATOR CALL	Operator Services - Rate Reference Initial Load per		1			_
6	GA	PROCESSING	state per OCN			5,000.00		per state per OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC		Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
		BRANDING - OPERATOR CALL	Operator Services - Rate Reference Subsequent Load						
6	GA	PROCESSING	per state per OCN					1,500.00	per state per OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)		Non- Recurring Charge (NRC) Additional Per Unit
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as						
2MR-AT	IL	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective through 6/30/17)	OHU	USG15		0.0007		MOU
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as						
2MR-AT	_	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)	OHU	USG15		\$0.00		MOU
6	IL	DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN		\$0.40	NA	per call
0		DIDECTORY ACCIOTANCE CERVICES	Directory Assistance National Directory Assistance	XPU	ODEN		фо cг	NIA	
6	IL	DIRECTORY ASSISTANCE SERVICES	(NDA), per call Directory Assistance Reverse Directory Assistance	XPU	OPEN		\$0.65	NA	per call
6	IL	DIRECTORY ASSISTANCE SERVICES	(RDA), per call	XPU	OPEN		\$0.65	NA	per call
0	IL	DIRECTORT ASSISTANCE SERVICES	Directory Assistance Business Category Search (BCS) /	XI U	OI LIN		ψ0.03	INA	per can
6	IL	DIRECTORY ASSISTANCE SERVICES	where applicable, per call	XPU	OPEN		\$0.65	NA	per call
		DIRECTORY REGIONARIOE GERVICES	Where applicable, per call	ж о	OI LIV		ψ0.00	10.0	per can
6	IL	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC), per call	XPU	OPEN		\$0.15	NA	per call
-		OPERATOR SERVICES/DIRECTORY			· ·		******		F
		ASSISTANCE AUTOMATED CALL	Branding - Other - Initial/Subsequent Load, per switch						
6	IL	GREETING	per OCN				NA	\$1,800.00	\$1,800.00 per switch, per OCN
		OPERATOR SERVICES/DIRECTORY							
		ASSISTANCE AUTOMATED CALL							
6	IL	GREETING	Branding and Reference/Rate Look Up, per OS/DA call	XPU	OPEN		\$0.03	NA	per OS/DA call
		OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL	Branding Facility Based Initial/Cubesquent Load						
6	IL	GREETING	Branding-Facility Based-Initial/Subsequent Load - Branding, per trunk group				NA	\$800.00	NA
- 0	IL.	OPERATOR SERVICES/DIRECTORY	Branding, per trunk group				INA	\$600.00	IVA
6	IL	ASSISTANCE RATE/REFERENCES	Rate Reference - Initial Load, per state, per OCN				NA	\$5,000.00	per OCN
		OPERATOR SERVICES/DIRECTORY	Trate Profession Initial Edda, per state, per edit				100	ψο,σσσ.σσ	parcen
6	IL	ASSISTANCE RATE/REFERENCES	Rate Reference - Subsequent Load, per state, per OCN				NA		\$1,500.00 per OCN
			Operator Services Fully Automated Call Processing, per						, , , , , , , , , , , , , , , , , , , ,
6	IL	OPERATOR CALL PROCESSING	call	XPU	OPEN		\$0.15	NA	per call
			Operator Assisted Call Processing All Types, per						
6	IL	OPERATOR CALL PROCESSING	work second	XPU	OPEN		\$0.03	NA	per work second
6	IL	DIRECTORY ASSISTANCE SERVICES	DA Listing - per listing for initial load				NA	\$0.04	NA per listing
6	_		DA Listing - per listing for subsequent updates				\$0.06		NA per listing
6	IL	RESALE APPLICABLE DISCOUNTS	Resale Local Directory Assistance				21.46% 21.46%	NA NA	discount
6	IL IL	RESALE APPLICABLE DISCOUNTS DIRECTORY ASSISTANCE SERVICES	Resale Local Operator Assistance Services Resale National Directory Assistance (NDA), per call				\$0.65		discount per call
6	IL	DIRECTORY ASSISTANCE SERVICES  DIRECTORY ASSISTANCE SERVICES	Resale Reverse Directory Assistance (RDA), per call				\$0.65		per call
0	IL.	DIRECTORT AGGISTANCE SERVICES	Resale Business Category Search (BCS) / where				ψ0.00	INA	per call
6	IL	DIRECTORY ASSISTANCE SERVICES	applicable, per call				\$0.65	NA	per call
Ĭ	T	2.2	Resale Directory Assistance Call Completion (DACC),				\$3.00		po. 55
6	IL	DIRECTORY ASSISTANCE SERVICES	per call				\$0.15	NA	per call
			Resale Directory Assistance Branding - Other -						
6	IL	BRANDING - DIRECTORY ASSISTANCE	Initial/Subsequent Load, per switch, per OCN				NA	\$1,800.00	per switch, per OCN
	1		Resale Directory Assistance Brand and Reference/Rate						
6	IL	BRANDING - DIRECTORY ASSISTANCE	Look Up, per call				\$0.03	NA	per OS/DA call
	l	DIRECTORY ASSISTANCE CUSTOMER	Resale Directory Assistance Rate Reference - Initial					ØE 000 00	0011
6	IL	BRANDING ANNOUNCEMENT	Load, per state, per OCN				NA	\$5,000.00	per OCN
6	l	DIRECTORY ASSISTANCE CUSTOMER	Resale Directory Assistance Rate Reference -				NIA		\$4.500.00 por OCN
6	IL IL	BRANDING ANNOUNCEMENT DIRECTORY LISTING PRODUCT	Subsequent Load, per state, per OCN White Page Directory Listings				NA	NA	\$1,500.00 per OCN NA per listing
6	IL	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA NA	NA per listing NA per listing
	(L	PILLEGION I FIGURIA ELODOGI	I TOTT I GOUGHEU/THOST FIST DISCUSS FISHINGS		1	1	I	INA	rin per libility

								Non	Man	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc		urring C	Non- Recurring harge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
			•				, , , ,			
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT	IN	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective Through 6/30/17)	OHU	USG15		0.0007			MOU
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT		TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)	OHU	USG15		\$0.00			MOU
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN	\$	0.40	NA		per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call	XPU	OPEN	\$	0.65	NA NA	NA	per call
6	IN	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call Business Category Search (BCS) / where applicable,	XPU	OPEN	\$	0.65	NA	NA	per call
6	IN	DIRECTORY ASSISTANCE SERVICES	per call	XPU	OPEN	\$	0.65	NA	NA	nor coll
0	IIN	DIRECTORY ASSISTANCE SERVICES	per call	APU	OPEN	Ф	0.65	INA	INA	per call
6		DIRECTORY ASSISTANCE SERVICES OPERATOR SERVICES/DIRECTORY	Directory Assistance Call Completion (DACC), per call	XPU	OPEN	\$	0.15	NA	NA	per call
		ASSISTANCE AUTOMATED CALL	Branding Other Initial/Outhernment Land and suitab							
			Branding - Other - Initial/Subsequent Load, per switch,					1 000 00	<b>.</b>	
6		GREETING OPERATOR SERVICES/DIRECTORY	per OCN					\$ 1,800.00	\$ 1,800.00	per OCN
		ASSISTANCE AUTOMATED CALL								
6		GREETING	Brand and Reference/Rate Look Up. per OS/DA call	XPU	OPEN	\$	0.03	NA	NA	per OS/DA call
0		OPERATOR SERVICES/DIRECTORY	Brand and Reference/Rate Look op, per OS/DA can	AFU	OFEN	Ψ	0.03	INA	INA	pei OS/DA cali
		ASSISTANCE AUTOMATED CALL								
6	IN	GREETING	Branding per Trunk Group				NA	\$800.00		
-		OPERATOR SERVICES/DIRECTORY	Directory Assistance Rate Reference - Initial Load, per					***************************************		
6	IN	ASSISTANCE RATE/REFERENCES	state, per OCN				NA S	5.000.00	NA	per state, per OCN
-		OPERATOR SERVICES/DIRECTORY	Directory Assistance Rate Reference - Subsequent				_	,		
6	IN	ASSISTANCE RATE/REFERENCES	Load, per state, per OCN				NA S	1,500.00	\$ 1,500.00	per state, per OCN
6	IN	OPERATOR CALL PROCESSING	Fully Automated Call Processing, per call	XPU	OPEN	\$	0.15	NA	NA	per call
			Operator Assisted Call Processing All Types, per							
6		OPERATOR CALL PROCESSING	work second	XPU	OPEN	\$	0.03	NA	NA	
6		DA LISTINGS	- per listing for initial load				NA S	0.040	NA	per listing
6		DA LISTINGS	- per listing for subsequent updates			\$	0.060		NA	per listing
6		DIRECTORY LISTING PRODUCT	White Page Directory Listings					NA	NA	per listing
6	IN	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA	NA	per listing
		DIDECTORY LIGHNO PROBLICT	Ancillary Message Billing Compensationm (Per				00.00			
6	IN	DIRECTORY LISTING PRODUCT	Message)				\$0.03			

								Non-	Non-	
								-	-	
							Monthly	Recurring	Recurring	
							Recurring	Charge (NRC)		
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC)	First	Additional	Per Unit
		LOCAL INTERCONNECTION (CALL	Rate for All ISP-Bound and section 251(b)(5) Traffic as							
2MR-AT	KS	TRANSPORT AND TERMINATION	per FCC 01-131, per MOU (Effective Through 6/30/17)		ZZUR2		\$ 0.0007	NA	NA	MOU
		LOCAL INTERCONNECTION (CALL	Rate for All ISP-Bound and section 251(b)(5) Traffic as							
2MR-AT	KS	TRANSPORT AND TERMINATION	per FCC 01-131, per MOU (Effective 7/01/17)		ZZUR2		\$0.00	NA	NA	MOU
		LOCAL INTERCONNECTION (CALL	Optional EAS Transport and Termination per MOU							
2MR-AT	KS	TRANSPORT AND TERMINATION	(Effective through 6/30/2017)		ZZUR2		\$0.0210000	NA	NA	MOU
		LOCAL INTERCONNECTION (CALL	Optional EAS Transport and Termination per MOU							
2MR-AT	KS	TRANSPORT AND TERMINATION	(Effective 7/1/2017)		ZZUR2		\$0.00	NA	NA	MOU
6	KS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		\$ 0.40	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - Credit		ZZUO4		\$ 0.40		NA NA	per call
							2 0.40	14/1	14/1	po. ouii
6	KS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per call		ZZUO7		\$ 0.15	NA	NA	per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA)		ZZUO5		\$ 0.65		NA NA	por oun
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) - Credit		ZZUO6		\$ 0.65		NA NA	
6		DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS)		ZZUOB		\$ 0.65		NA NA	
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA)		ZZUO8		\$ 0.65		NA NA	
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) - Credit		ZZUO9		\$ 0.65		NA NA	
6		DIRECTORY LISTING PRODUCT	White Page Directory Listings		22009		ψ 0.03	NA NA	NA NA	
6		DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA NA	NA NA	
- 0	NO	DIRECTORT EISTINGT RODUCT	Directory Assistance - Branding - Initial/Subsequent					INA	INA	
6	KS	DIRECTORY ASSISTANCE - BRANDING	Load per switch, per OCN		NRBDG		NΛ	\$ 1,800,00	\$ 1,800,00	per switch, per OCN
0	NO	DIRECTORT ASSISTANCE - BRANDING	Load per switch, per OCN		NINDDG		INA	Ψ 1,000.00	ψ 1,000.00	per switch, per OCIV
6	KS	DIRECTORY ASSISTANCE - BRANDING	Directory Assistance - Branding Per call		ZZUCB		\$ 0.030	NA	NA	per call
0	NO	DIRECTORY ASSISTANCE - BRANDING	Directory Assistance - Branding Fer can  Directory Assistance - Rate Reference Initial Load per		22000		ψ 0.030	INA	INA	per can
6	KS	REFERENCE	state, per OCN		NRBDL		NIA.	\$ 5,000.00	NA	nor state nor OCN
0	NO.	DIRECTORY ASSISTANCE - RATE	Directory Assistance - Rate Reference - Subsequent		INKOUL		INA	\$ 5,000.00	IVA	per state, per OCN
	1/0		Load per state, per OCN		NRBDM		NIA.	¢ 4.500.00	NIA	OCN
6	KS	REFERENCE	Directory Assistance Listings (DAL)-Initial Load, per		NKBDIVI		INA	\$ 1,500.00	INA	per state, per OCN
	1/0	DIDECTORY ACCIOEANCE LIGHINGS	, , , , , , , , , , , , , , , , , , , ,				Φ 0.0505			and Parkers
6	KS	DIRECTORY ASSISTANCE LISTINGS	listing				\$ 0.0585	NA	NA	per listing
_	1/0	DIDEOTODY ADDIOTATION LICENSES	Discours Assistance Holison (DAI) II I I I I I				Φ 22==			P . et
6	KS	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Update, per listing				\$ 0.0585	NA	NA	per listing
	140	DIDECTORY ACCIOENTALICE LICENCE	Directory Assistance Listings (DAL)-Non-Pub							
6	KS	DIRECTORY ASSISTANCE LISTINGS	Emergency Message Service				\$ 2.60	NA	NA	per listing
_		00504700 0444 055555555	Operated Services - Fully Automated Call Processing		771.00					Per completed
6	KS	OPERATOR CALL PROCESSING	(Per completed automated call)		ZZUO1		\$ 0.15	NA	NA	automated call
			Operator Assisted Call Processing All Types per work							
6	KS	OPERATOR CALL PROCESSING	second		ZZUO2		\$ 0.03	NA	NA	per work second
			Operator Services - Branding - Initial/Subsequent Load							
6	KS	OPERATOR SERVICES - BRANDING	per switch, per OCN		NRBDG					per switch, per OCN
6	KS	OPERATOR SERVICES - BRANDING	Operator Services - Branding Per call		ZZUCB		\$ 0.030	NA	NA	per call
		OPERATOR SERVICES - RATE	Operator Services - Rate Reference Initial Load per							
6	KS	REFERENCE	state, per OCN		NRBDL		NA	\$ 5,000.00	NA	per state, per OCN
		OPERATOR SERVICES - RATE	Operator Services - Rate Reference - Subsequent Load							
6	KS	REFERENCE	per state, per OCN		NRBDM		NA	\$ 1,500.00	NA	per state, per OCN
			<u> </u>							•

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Charge (NRC) Zone Charge (MRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as					
2MR-AT	KY	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective Through 6/30/17)			0.0007		MOU
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as					
2MR-AT	KY	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)			0.00bk		MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective					
2MR-AT	KY	TRANSPORT AND TERMINATION)	through 6/30/18)			0.000003		MILE/MOU
2MR-AT	I/V	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU (Effective 7/1/2018)			0.00bk		MILE/MOU
ZIVIR-AT	KY	LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU			0.00bk		IVIILE/IVIOU
2MR-AT	KY	TRANSPORT AND TERMINATION)	(Effective through 6/30/18)			0.0007466		MOU
2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU			0.0007.100		
2MR-AT	KY	TRANSPORT AND TERMINATION)	(Effective 7/1/2018)			0.00bk		MOU
			Each subscriber will receive one (1) copy per primary					
			End User listing of AT&T White Pages directory in the same manner and at the same time that they are					
			delivered to AT&T's subscribers during the annual					primary End User
6	KY	DIRECTORY DELIVERY	delivery of newly published directories.					listing
	131	DIRECTORY BELIVERY	Facility Based CLEC - Recording and Provisioning of					lioting
6	KY	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement	AMT	CBADA	3,000.00	3,000.00	announcement
			Facility Based CLEC - Loading of Custom Branded					
6	KY	BRANDING - DIRECTORY ASSISTANCE	Announcement per Switch per OCN	AMT	CBADC	1,170.00	1,170.00	per Switch per OCN
6	KY	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call			0.31		call
0	KI	DIRECTORT ASSISTANCE SERVICES	National Directory Assistance, (NDA), Charge Per Call,			0.31		Call
6	KY	DIRECTORY ASSISTANCE SERVICES	where available			0.31		call
			Reverse Directory Assistance, (RDA), Charge Per Call,					
6	KY	DIRECTORY ASSISTANCE SERVICES	where available			0.31		call
6	I/V	DIRECTORY ASSISTANCE SERVICES	Business Category Search, (BCS), Charge Per Call, where available			0.24		call
0	KY	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service			0.31		Call
6	KY	DIRECTORY ASSISTANCE SERVICES	(DACC). Per Call Attempt			0.10		Call Attempt
		511(20101117100101711102 021111020	Directory Assistance - Rate Reference Initial Load per			5.10		ouii / titoriipt
6	KY	DIRECTORY ASSISTANCE SERVICES	state per OCN			5,000.00		per state per OCN
_			Directory Assistance - Rate Reference Subsequent					
6	KY	DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE DATABASE	Load per state per OCN Directory Assistance Database Service (DADS)-Initial				1,500.00	per state per OCN
6	KY	SERVICE (DADS)	Load, per listing			0.04		listing
	131	DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Monthly			0.04		lioting
6	KY	SERVICE (DADS)	Recurring Fee			150.00		
		BRANDINĠ - OPÉRATOR CALL	Facility based CLEC - Recording of Custom Branded					
6		PROCESSING	OA Announcement	AMT	CBAOS	7,000.00	7,000.00	
6		BRANDING - OPERATOR CALL PROCESSING	Facility based CLEC - Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL	500.00	500.00	per shelf/NAV per OCN
0	KI	FROCESSING	Oper. Call Processing - Oper. Provided, Per Min	AWI	CBAOL	300.00	500.00	OCN
6	KY	OPERATOR CALL PROCESSING	Using BST LIDB			1.20		minute
			Oper. Call Processing - Oper. Provided, Per Min					
6	KY	OPERATOR CALL PROCESSING	Using Foreign LIDB			1.24		minute
	101	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call -			0.00		"
6	KY	OPERATOR CALL PROCESSING	Using BST LIDB  Oper. Call Processing - Fully Automated, per Call -			0.20		call
6	KY	OPERATOR CALL PROCESSING	Using Foreign LIDB			0.20		call
Ĭ			Operator Services - Rate Reference Initial Load per			0.20	1	
6	KY	OPERATOR CALL PROCESSING	state per OCN			5,000.00		per state per OCN
			Operator Services - Rate Reference Subsequent Load					
6	KY	OPERATOR CALL PROCESSING	per state per OCN				1,500.00	per state per OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Charge (NRC) Zone Charge (MRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as					
2MR-AT	LA	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective Through 6/30/17)			0.0007		MOU
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as			0.0007		
2MR-AT	LA	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)			0.00bk		MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective					
2MR-AT	LA	TRANSPORT AND TERMINATION)	through 6/30/18)			0.0000032		MILE/MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective					
2MR-AT	LA	TRANSPORT AND TERMINATION)	7/1/2018)			0.00bk		MILE/MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU			0.000740		
2MR-AT	LA	TRANSPORT AND TERMINATION) LOCAL INTERCONNECTION (CALL	(Effective through 6/30/18) Common Transport - Facilities Termination Per MOU			0.0003748		MOU
2MR-AT	LA	TRANSPORT AND TERMINATION)	(Effective 7/1/2018)			0.00bk		MOU
ZIVIN-AT	LA	TRANSFORT AND TERMINATION)	Each subscriber will receive one (1) copy per primary			0.00DK		IVIOU
			End User listing of AT&T White Pages directory in the					
			same manner and at the same time that they are					
			delivered to AT&T's subscribers during the annual					primary End User
6	LA	DIRECTORY DELIVERY	delivery of newly published directories.					listing
			Facility Based CLEC - Recording and Provisioning of					
6	LA	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement	AMT	CBADA	3,000.00	3,000.00	announcement
_			Facility Based CLEC - Loading of Custom Branded					
6	LA	BRANDING - DIRECTORY ASSISTANCE	Announcement per Switch per OCN Directory Assistance Access Service Calls, Charge Per	AMT	CBADC	1,170.00	1,170.00	per Switch per OCN
6	LA	DIRECTORY ASSISTANCE SERVICES	Call			0.31		call
0	LA	DIRECTORT ASSISTANCE SERVICES	National Directory Assistance, (NDA), Charge Per Call,			0.31		Call
6	LA	DIRECTORY ASSISTANCE SERVICES	where available			0.31		call
			Reverse Directory Assistance, (RDA), Charge Per Call,			5.5.		- Can
6	LA	DIRECTORY ASSISTANCE SERVICES	where available			0.31		call
			Business Category Search, (BCS), Charge Per Call,					
6	LA	DIRECTORY ASSISTANCE SERVICES	where available			0.31		call
_			Directory Assistance Call Completion Access Service					
6	LA	DIRECTORY ASSISTANCE SERVICES	(DACC), Per Call Attempt			0.10		Call Attempt
6	LA	DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per state per OCN			5,000.00		nor atota nor OCN
0	LA	DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Subsequent			5,000.00		per state per OCN
6	LA	DIRECTORY ASSISTANCE SERVICES	Load per state per OCN				1,500.00	per state per OCN
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Initial				1,000.00	por otato por o o r
6	LA	SERVICE (DADS)	Load, per listing			0.04		listing
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-					
6	LA	SERVICE (DADS)	Update, per listing			0.04		listing
_		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Monthly					
6	LA	SERVICE (DADS) BRANDING - OPERATOR CALL	Recurring Fee Facility based CLEC - Recording of Custom Branded			150.00		
6	LA	PROCESSING	OA Announcement	AMT	CBAOS	7.000.00	7,000.00	announcement
U	LA	BRANDING - OPERATOR CALL	Facility based CLEC - Loading of Custom Branded OA	AWI	CDAUS	7,000.00	7,000.00	per shelf/NAV per
6	LA	PROCESSING	Announcement per shelf/NAV per OCN	AMT	CBAOL	500.00	500.00	OCN
	LA	BRANDING - OPERATOR CALL	Operator Services - Rate Reference Initial Load per	LAIA1 1	ODAOL	300.00	300.00	0014
6	LA	PROCESSING	state per OCN			5,000.00		per state per OCN
-		BRANDING - OPERATOR CALL	Operator Services - Rate Reference Subsequent Load					, , , , , , , , , , , , , , , , , , , ,
6	LA	PROCESSING	per state per OCN				1,500.00	per state per OCN
			Oper. Call Processing - Oper. Provided, Per Min					
6	LA	OPERATOR CALL PROCESSING	Using BST LIDB			1.20		Minute
		ODEDATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min			101		N. 41
6	LA	OPERATOR CALL PROCESSING	Using Foreign LIDB  Oper. Call Processing - Fully Automated, per Call -			1.24		Minute
6	LA	OPERATOR CALL PROCESSING	Using BST LIDB			0.20		call
		OF ENATION OALL FROOLOGING	וסטוואַ ביטו בובים		1	0.20	1	Udli

Attachment	State	Product	Data Flamout Description	COS (Class of Service)	USOC	7			Non- Recurring Charge (NRC) Additional	Per Unit
Attachment	State	Product	Rate Element Description	COS (Class of Service)	0300	Zone	Charge (MRC)	FIISt	Additional	Per Unit
			Oper. Call Processing - Fully Automated, per Call -							
6	LA	OPERATOR CALL PROCESSING	Using Foreign LIDB				0.20			call

	1						1	I	
							Non-	Non-	
						Monthly	Recurring	Recurring	
						Recurring		Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone Charge (MRC	First	Additional	Per Unit
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as						
2MR-AT	МІ	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective Through 6/30/17)	OHU	USG14	0.000	,		MOU
ZIVIIX-AT	IVII	LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as	0110	03014	0.000			IVIOO
2MR-AT	М	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)	OHU	USG14	\$0.00	)		MOU
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN	\$ 0.40		NA	per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call	XPU	OPEN	\$ 0.69			per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (RDA), per call	XPU	OPEN	\$ 0.65			per call
0	IVII	DIRECTORT ASSISTANCE SERVICES	Business Category Search (BCS) where applicable, per	XI U	OI LIV	ψ 0.00	) INA		pei cali
6	М	DIRECTORY ASSISTANCE SERVICES	call	XPU	OPEN	\$ 0.69	NA NA		per call
0	IVII	DIRECTORT ASSISTANCE SERVICES	Call	XI U	OI LIN	Ψ 0.00	) INA		per can
6	МІ	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC), per call	XPU	OPEN	\$ 0.15	NA NA		per call
		OPERATOR SERVICES/DIRECTORY	Bricotory Accidence can completion (BACC), per can	ж о	OI LIV	Ψ 0.10	100		por oun
		ASSISTANCE AUTOMATED CALL	Directory Assistance Branding - Other -						
6		GREETING	Initial/Subsequent Load, per switch, per OCN				\$ 1.800.00	\$ 1,800,00	per switch, per OCN
		OPERATOR SERVICES/DIRECTORY	initial/oubsequent Edda, per emiteri, per dert				Ψ 1,000.00	Ψ 1,000.00	por ownorr, por core
		ASSISTANCE AUTOMATED CALL	Directory Assistance branding and Reference/Rate Look						
6		GREETING	Up, per call	XPU	OPEN	\$ 0.03	3	NA	per OS/DA call
		OPERATOR SERVICES/DIRECTORY	op, por our	7.1. 0	0. 2	Ψ 0.00			po: 00/2/10a
		ASSISTANCE AUTOMATED CALL							
6		GREETING	Branding, per trunk group				\$800.00	\$800.00	
-		OPERATOR SERVICES/DIRECTORY	Directory Assistance Rate Reference - Initial Load, per				7000.00	7000.00	
6	МІ	ASSISTANCE RATE/REFERENCES	state, per OCN				\$ 5.000.00		per state, per OCN
-		OPERATOR SERVICES/DIRECTORY	Directory Assistance Rate Reference - Subsequent				7 0,000.00		p = 0 = 0 = 0 = 0 = 0 = 0
6	MI	ASSISTANCE RATE/REFERENCES	Load, per state, per OCN				NA	\$ 1.500.00	per state, per OCN
6		OPERATOR CALL PROCESSING	Fully Automated Call Processing, per call	XPU	OPEN	\$ 0.15			per call
·			Operator Assisted Call Processing All Types, per			Ţ 01.1.			F
6	MI	OPERATOR CALL PROCESSING	work second	XPU	OPEN	\$ 0.03	NA NA	NA	per work second
6		DIRECTORY ASSISTANCE SERVICES	- per listing for initial load	· · · · •		Ţ 0.00	\$ 0.040	NA NA	per listing
6		DIRECTORY ASSISTANCE SERVICES	- per listing for subsequent updates			\$ 0.060			per listing
6		DIRECTORY LISTING PRODUCT	White Page Directory Listings			Ţ 0.00X	NA NA		per listing
6		DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings				NA		per listing

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
		LOCAL INTERCONNECTION (CALL	Rate for All ISP-Bound and section 251(b)(5) Traffic as							
2MR-AT	MO	TRANSPORT AND TERMINATION)	per FCC 01-131, per MOU (Effective Through 6/30/17)		ZZUR2		\$0.0007	NA	NA	MOU
		LOCAL INTERCONNECTION (CALL	Rate for All ISP-Bound and section 251(b)(5) Traffic as							
2MR-AT		TRANSPORT AND TERMINATION)	per FCC 01-131, per MOU (Effective 7/01/17)		ZZUR2		\$0.00		NA	MOU
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		\$0.40		NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - credit		ZZUO4		\$0.40	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per call		ZZUO7		\$0.15		NA	per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call		ZZUO5		\$0.65		NA	per call
6		DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call - credit Business Category Search (BCS), per call		ZZUO6 ZZUOB		\$0.65 \$0.65		NA NA	per call
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call		ZZUOB ZZUO8		\$0.65		NA NA	per call per call
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call - credit		ZZUO9		\$0.65		NA NA	per call
0	IVIO	DIRECTORT ASSISTANCE SERVICES	Directory Assistance - Branding - Initial/Subsequent		22009		ψ0.03	INA	INA	per can
6	MO	DIRECTORY ASSISTANCE - BRANDING	Load, per switch, per OCN		NRBDG		NA	\$1,800.00	\$1,800.00	per switch, per OCN
6	МО	DIRECTORY ASSISTANCE - BRANDING	Directory Assistance - Branding Per call		ZZUCB		\$0.03	NA	NA	per call
6	МО	DIRECTORY ASSISTANCE - RATE REFERENCE	Directory Assistance - Rate Reference Initial Load, per state, per OCN		NRBDL		NA	\$5,000.00	NA	per state, per OCN
6	МО	DIRECTORY ASSISTANCE - RATE REFERENCE	Directory Assistance - Rate Reference Subsequent Load per state, per OCN		NRBDM		NA	\$1,500.00	NA	per state, per OCN
6	МО	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Initial Load, per listing				\$0.0585	NA	NA	per listing
6	МО	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Update, per listing				\$0.0585	NA	NA	per listing
6	МО	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Non-Pub Emergency Message Service				\$2.10	NA	NA	per listing
6	МО	OPERATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per completed automated call)		ZZUO1		\$0.15	NA	NA	per completed automated call
6	MO	OPERATOR CALL PROCESSING	Operator Assisted Call Processing All Types per work second		ZZUO2		\$0.03	NA	NA	per work second
6	МО	OPERATOR SERVICES - BRANDING	Operator Services - Branding Initial/Subsequent Load, per switch, per OCN		NRBDG		NA	\$1,800.00	\$1,800.00	per switch, per OCN
6	MO	OPERATOR SERVICES - BRANDING	Operator Services - Branding Per call	<u> </u>	ZZUCB		\$0.03	NA	NA	per call
		OPERATOR SERVICES - RATE	Operator Services - Rate Reference - Initial Load, per							
6	MO	REFERENCE	state, per OCN		NRBDL		NA	\$5,000.00	NA	Per state, per OCN
6	МО	OPERATOR SERVICES - RATE REFERENCE	Operator Services - Rate Reference - Subsequent Load, per state, per OCN		NRBDM		NA	\$1,500.00	NA	Per state, per OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Recurring Charge (NRC) Zone Charge (MRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
		LOCAL INTERCONNECTION (CALL	Data for all ICD Dound and Coation 251/h\/5\ Traffic as					
2MR-AT	MS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective Through 6/30/17)			0.0007		MOU
ZIVIK-AT	IVIO	LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as			0.0007		IVIOU
2MR-AT	MS	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)			0.00bk		MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective					
2MR-AT	MS	TRANSPORT AND TERMINATION)	through 6/30/18)			0.000026		MILE/MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective					
2MR-AT	MS	TRANSPORT AND TERMINATION)	7/1/2018)			0.00bk		MILE/MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU					
2MR-AT	MS	TRANSPORT AND TERMINATION) LOCAL INTERCONNECTION (CALL	(Effective through 6/30/18) Common Transport - Facilities Termination Per MOU			0.0004541		MOU
2MR-AT	MS	TRANSPORT AND TERMINATION)	(Effective 7/1/2018)			0.00bk		MOU
ZIVIIX-AT	IVIO	TRANSPORT AND TERMINATION)	Each subscriber will receive one (1) copy per primary			0.00bk		IVIOU
			End User listing of AT&T White Pages directory in the					
			same manner and at the same time that they are					
			delivered to AT&T's subscribers during the annual					primary End User
6	MS	DIRECTORY DELIVERY	delivery of newly published directories.					listing
		DE ANDINO DIDECTORY ACCIOTANCE	Facility Based CLEC - Recording and Provisioning of		00404			
6	MS	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement Facility Based CLEC - Loading of Custom Branded	AMT	CBADA	3,000.00	3,000.00	announcement
6	MS	BRANDING - DIRECTORY ASSISTANCE	Announcement per Switch per OCN	AMT	CBADC	1.170.00	1 170 00	per Switch per OCN
	IVIO	BIGHTO BIREGIOTOTT REGIONATE	Directory Assistance Access Service Calls, Charge Per	7 ((4) )	OBNEO	1,170.00	1,170.00	per ewiteri per eert
6	MS	DIRECTORY ASSISTANCE SERVICES	Call			0.31		call
			Directory Assistance Call Completion Access Service					
6	MS	DIRECTORY ASSISTANCE SERVICES	(DACC), Per Call Attempt			0.10		Call Attempt
		DIDECTORY ACCIONANCE OFFICE	Directory Assistance - Rate Reference Initial Load per					
6	MS	DIRECTORY ASSISTANCE SERVICES	state per OCN Directory Assistance - Rate Reference Subsequent			5,000.00		per state per OCN
6	MS	DIRECTORY ASSISTANCE SERVICES	Load per state per OCN				1 500 00	per state per OCN
- v	IVIO	DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Initial				1,000.00	por otato por cort
6		SERVICE (DADS)	Load, per listing			0.04		listing
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-					-
6		SERVICE (DADS)	Update, per listing			0.04		listing
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Monthly			150.00		
6	MS	SERVICE (DADS) BRANDING - OPERATOR CALL	Recurring Fee Facility based CLEC - Recording of Custom Branded			150.00		
6	MS	PROCESSING	OA Announcement	AMT	CBAOS	7,000.00	7,000.00	announcement
		BRANDING - OPERATOR CALL	Facility based CLEC - Loading of Custom Branded OA	7 (141)	OBNOC	7,000.00	7,000.00	per shelf/NAV per
6		PROCESSING	Announcement per shelf/NAV per OCN	AMT	CBAOL	500.00	500.00	OCN
			Oper. Call Processing - Oper. Provided, Per Min					
6	MS	OPERATOR CALL PROCESSING	Using BST LIDB			1.20		minute
	MC	ODEDATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min			4 24		
6	MS	OPERATOR CALL PROCESSING	Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call -			1.24		minute
6	MS	OPERATOR CALL PROCESSING	Using BST LIDB			0.20		call
0	IVIO	OF ENATOR GALL I ROOLSOING	Oper. Call Processing - Fully Automated, per Call -			0.20		odii
6	MS	OPERATOR CALL PROCESSING	Using Foreign LIDB			0.20		call
			Operator Services - Rate Reference Initial Load per					
6	MS	OPERATOR CALL PROCESSING	state per OCN			5,000.00		per state per OCN
		ODEDATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load				4 500 00	
6	MS	OPERATOR CALL PROCESSING	per state per OCN		1		1,500.00	per state per OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Recurring Charge (NRC) Zone Charge (MRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
		LOCAL INTERCONNECTION (CALL	Data for all ICD David and Coation 254/b/f/ Traffic as					
2MR-AT	NC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective Through 6/30/17)			0.0007		MOU
ZIVIR-AT	INC	LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as			0.0007		IVIOU
2MR-AT	NC	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/1/17)			0.00bk		MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective			5.555.1		
2MR-AT	NC	TRANSPORT AND TERMINATION)	through 6/30/18)			0.0000023		MILE/MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective					
2MR-AT	NC	TRANSPORT AND TERMINATION)	7/1/2018)			0.00bk		MILE/MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU					
2MR-AT	NC	TRANSPORT AND TERMINATION) LOCAL INTERCONNECTION (CALL	(Effective through 6/30/18) Common Transport - Facilities Termination Per MOU			0.0001676		MOU
2MR-AT	NC	TRANSPORT AND TERMINATION)	(Effective 7/1/2018)			0.00bk		MOU
ZIVIR-AT	INC	TRANSPORT AND TERMINATION)	Each subscriber will receive one (1) copy per primary			U.UUDK		IVIOU
			End User listing of AT&T White Pages directory in the					
			same manner and at the same time that they are					
			delivered to AT&T's subscribers during the annual					primary End User
6	NC	DIRECTORY DELIVERY	delivery of newly published directories.					listing
			Facility Based CLEC - Recording and Provisioning of					
6	NC	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement	AMT	CBADA	3,000.00	3,000.00	announcement
	NO	DDANIDING DIDECTORY ACCIOTANCE	Facility Based CLEC - Loading of Custom Branded	A B 4 T	00400	4.470.00	4 470 00	0
6	NC	BRANDING - DIRECTORY ASSISTANCE	Announcement per Switch per OCN Directory Assistance Access Service Calls, Charge Per	AMT	CBADC	1,170.00	1,170.00	per Switch per OCN
6	NC	DIRECTORY ASSISTANCE SERVICES	Call			0.31		call
	110	BIREGIORI MOGICIMINOE GERVIGEG	Directory Assistance Call Completion Access Service			0.01		odii
6	NC	DIRECTORY ASSISTANCE SERVICES	(DACC), Per Call Attempt			0.10		Call Attempt
			Directory Assistance - Rate Reference Initial Load per					
6	NC	DIRECTORY ASSISTANCE SERVICES	state per OCN			5,000.00		per state per OCN
_			Directory Assistance - Rate Reference Subsequent					
6	NC	DIRECTORY ASSISTANCE SERVICES	Load per state per OCN				1,500.00	per state per OCN
6	NC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing			0.04		listina
0		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-			0.04		listing
6		SERVICE (DADS)	Update, per listing			0.04		listing
Ů		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Monthly		1	0.0.		9
6	NC	SERVICE (DADS)	Recurring Fee		1	150.00		
		BRANDING - OPERATOR CALL	Facility based CLEC - Recording of Custom Branded					
6		PROCESSING	OA Announcement	AMT	CBAOS	7,000.00	7,000.00	announcement
		BRANDING - OPERATOR CALL	Facility based CLEC - Loading of Custom Branded OA	ANAT	CDAOL	500.00	500.00	per shelf/NAV per
6	NC	PROCESSING	Announcement per shelf/NAV per OCN Oper. Call Processing - Oper. Provided, Per Min	AMT	CBAOL	500.00	500.00	OCN
6	NC	OPERATOR CALL PROCESSING	Using BST LIDB			1.20		minute
	140	ST ETUTION OFFICE PROCESSING	Oper. Call Processing - Oper. Provided, Per Min			1.20		minute
6	NC	OPERATOR CALL PROCESSING	Using Foreign LIDB			1.24		minute
			Oper. Call Processing - Fully Automated, per Call -					
6	NC	OPERATOR CALL PROCESSING	Using BST LIDB			0.20		call
			Oper. Call Processing - Fully Automated, per Call -					
6	NC	OPERATOR CALL PROCESSING	Using Foreign LIDB		1	0.20		call
	NO	ODERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per			5 000 00		nor ototo === OCN
6	NC	OPERATOR CALL PROCESSING	state per OCN Operator Services - Rate Reference Subsequent Load			5,000.00		per state per OCN
6	NC	OPERATOR CALL PROCESSING	per state per OCN				1 500 00	per state per OCN
	110	5. 2 511 O/LET 1100E001110	po. o.a.o po. 0011		1		1,000.00	ps. state per soll

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Charge (NRC) Zone Charge (MRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	NV	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All Traffic ISP-Bound and 251(b)(5) Traffic as per FCC 01-131 (Effective Through 6/30/17)		GOC00	\$ 0.0007		MOU
2MR-AT		LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All Traffic ISP-Bound and 251(b)(5) Traffic as per FCC 01-131 (Effective 7/01/17)		GOC00	\$0.00		MOU
6		DIRECTORY ASSISTANCE	Directory Assistance, per call			\$0.40 NA		call
6		DIRECTORY ASSISTANCE	National Directory Assistance (NDA), per call			\$0.65 NA		call
6		DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA), per call			\$0.65 NA		call
6	NV	DIRECTORY ASSISTANCE	Business Category Search (BCS), per call			\$0.65 NA		call
6	NV	DIRECTORY ASSISTANCE	Express Call Completion / Directory Assistance Call Completion, per call			0.15 NA		call
6	NV	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listing Services - per listing for Initial load			\$ 0.086615		per listing
6	NV	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listing Services - per listing for subsequent updates  Directory Assistance Listing Services - Lata-Wide Call			\$ 0.086615 NA		per listing
6	NV	DIRECTORY ASSISTANCE LISTINGS	Completion - Rate per MOU for each completed ECCS call			\$ 0.0120 NA		MOU
6	NV	BRANDING - DIRECTORY ASSISTANCE	Branding - Other - Initial/Subsequent Load, per switch, per OCN	OPS++	BRAND	NA \$ 1,800.00	\$ 1,800.00	switch, per OCN
6	NV	BRANDING - DIRECTORY ASSISTANCE	Brand and Reference/Rate Look Up, per DA call			\$0.03 NA		per call
6	NV	BRANDING - DIRECTORY ASSISTANCE	Rate Reference - Initial Load, per state, per OCN			NA \$ 5,000.00		state, per OCN
6		BRANDING - DIRECTORY ASSISTANCE BRANDING - OPERATOR CALL	Rate Reference - Subsequent Load, per state, per OCN Branding - Other - Initial/Subsequent Load, per switch,			NA \$ 1,500.00		state, per OCN
6	NV	PROCESSING BRANDING - OPERATOR CALL	per OCN	OPS++	BRAND	NA \$ 1,800.00	\$ 1,800.00	switch, per OCN
6	NV	PROCESSING BRANDING - OPERATOR CALL BRANDING - OPERATOR CALL	Brand and Reference/Rate Look Up, per OS/DA call			\$0.03 NA		per call
6	NV	PROCESSING BRANDING - OPERATOR CALL	Rate Reference - Initial Load, per state, per OCN			NA \$ 5,000.00		state, per OCN
6	NV	PROCESSING BRANDING - OPERATOR CALL BRANDING - OPERATOR CALL	Rate Reference - Subsequent Load, per state, per OCN			NA \$ 1,500.00		state, per OCN
6		PROCESSING	Fully Automated Call Processing, per call Operator Assisted Call processing - All Types, per work			0.15 NA		call
6	NV	OPERATOR CALL PROCESSING	second			\$0.03 NA		work second

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						M	onthly	Non- Recurring	Non- Recurring	
									Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone Charg		First	Additional	Per Unit
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT	ОН	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective Through 6/30/17)	OHU	USG15		0.0007			MOU
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT	OH	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)	OHU	USG15		\$0.00			MOU
6	OH	DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN	\$	0.40	NA		per call
			Directory Assistance National Directory Assistance							
6	OH	DIRECTORY ASSISTANCE SERVICES	(NDA), per call	XPU	OPEN	\$	0.65	NA		per call
			Directory Assistance Reverse Directory Assistance							
6	OH	DIRECTORY ASSISTANCE SERVICES	(RDA), per call	XPU	OPEN	\$	0.65	NA		per call
	011	DIDECTORY ACCIOEANCE OFFICE	Directory Assistance Business Category Search (BCS),	VDII	OPEN		0.05	<b>N</b> 10		
6	OH	DIRECTORY ASSISTANCE SERVICES	per call	XPU	OPEN	\$	0.65	NA		per call
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC), per call	XPU	OPEN	\$	0.15	NA		per call
		OPERATOR SERVICES/DIRECTORY	, , , , , , , , , , , , , , , , , , , ,							
		ASSISTANCE AUTOMATED CALL	Branding - Other - Initial/Subsequent Load, per switch							
6		GREETING	per OCN				NA	\$ 1,800.00		Per OCN
		OPERATOR SERVICES/DIRECTORY								
		ASSISTANCE AUTOMATED CALL								
6		GREETING	Branding and Reference/Rate Look Up, per OS/DA call	XPU	OPEN	\$	0.03	NA		per call
_		OPERATOR SERVICES/DIRECTORY	Directory Assistance Rate Reference - Initial Load, per							
6		ASSISTANCE RATE/REFERENCES	state, per OCN				NA	\$ 5,000.00		per state, per OCN
		OPERATOR SERVICES/DIRECTORY	Directory Assistance Rate Reference - Subsequent					<b>N</b> 10	<b>#</b> 4.500.00	
6	OH	ASSISTANCE RATE/REFERENCES	Load, per state, per OCN Operator Services Fully Automated Call Processing, per				NA	NA	\$ 1,500.00	per state, per OCN
6	ОН	OPERATOR CALL PROCESSING	call	XPU	OPEN	\$	0.15	NA		nor call
0	ОП	OPERATOR CALL PROCESSING	Operator Assisted Call Processing - All Types, per work	APU	OPEN	- D	0.15	INA		per call
6	ОН	OPERATOR CALL PROCESSING	second	XPU	OPEN	\$	0.03	NA		per work second
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance - per listing for initial load	Al C	OI LIV	Ψ	NA			per work second per listing
	011	D. I. L. S. C. I.	Directory Assistance - per listing for subsequent				14/3	ψ 0.0 <del>1</del> 0		por noung
6	ОН	DIRECTORY ASSISTANCE SERVICES	updates			\$	0.060			per listing
_	1	OPERATOR SERVICES/DIRECTORY					2.220			F
		ASSISTANCE AUTOMATED CALL								
6	ОН	GREETING	Branding, per trunk group					\$800.00		

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Zone Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
		LOCAL INTERCONNECTION (CALL	Rate for All ISP-Bound and section 251(b)(5) Traffic as						
2MR-AT	OK	TRANSPORT AND TERMINATION)	per FCC 01-131, per MOU (Effective Through 6/30/17)		ZZUR2	\$0.0007	NA	NA	MOU
		LOCAL INTERCONNECTION (CALL	Rate for All ISP-Bound and section 251(b)(5) Traffic as						
2MR-AT		TRANSPORT AND TERMINATION)	per FCC 01-131, per MOU (Effective 7/01/17)		ZZUR2	\$0.00	NA	NA	MOU
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3	\$0.40	NA	NA	
6	OK	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - credit		ZZUO4	\$0.40	NA	NA	
6	ОК	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per call		ZZUO7	\$0.15	NA	NA	per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA)- per call		ZZUO5	\$0.65	NA NA	NA NA	per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA)- per call - credit		ZZU06	\$0.65	NA NA	NA NA	per call
6		DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) per call		ZZUOB	\$0.65	NA NA	NA NA	per call
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance, per call		ZZUO8	\$0.65	NA NA	NA NA	per call
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance, per call - credit		ZZUO9	\$0.65	NA NA	NA NA	per call
	OIX	BIRECTORT ACCIOTANCE CERVICES	Directory Assistance - Branding - Initial/Subsequent		22003	ψ0.03	14/4	14/4	per can
6	OK	BRANDING - DIRECTORY ASSISTANCE	Load, per switch, per OCN		NRBDG	NA	\$1,800.00	\$1,800.00	per switch, per OCN
6	ОК	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding Per call		ZZUCB	\$0.03	NA	NA	per call
			Directory Assistance - Based Rate Reference - Initial						
6	OK	BRANDING - DIRECTORY ASSISTANCE	Load, per state, per OCN		NRBDL	NA	\$5,000.00	NA	per state per OCN
	014	DDANIDING DIDECTORY ACCIOTANCE	Directory Assistance Rate Reference - Subsequent				<b>0.1</b> = 0.0 0.0		
6	OK	BRANDING - DIRECTORY ASSISTANCE	Load, per state, per OCN Directory Assistance Listings (DAL) - Initial Load, per		NRBDM	NA	\$1,500.00	NA	per state per OCN
6	ок	DIRECTORY ASSISTANCE LISTINGS	listing			\$0.0585	NA	NA	per listing
6	OK	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL) - Update, per listing			\$0.0585	NA	NA	per listing
			Directory Assistance Listings (DAL) - Non-Pub						-
6		DIRECTORY ASSISTANCE LISTINGS	Emergency Message Service			\$2.10	NA	NA	per listing
6		DIRECTORY LISTING PRODUCT	White Page Directory Listings				NA	NA	
6	OK	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings				NA	NA	
			Operated Services - Fully Automated Call Processing						completed
6	OK	OPERATOR CALL PROCESSING	(Per completed automated call)  Operator Assisted Call Processing All Types per work		ZZUO1	\$0.15	NA	NA	automated call
6	ОК	OPERATOR CALL PROCESSING	second		ZZUO2	\$0.03	NA	NA	per work second
- 0	OIL	BRANDING - OPERATOR CALL	Operator Services - Branding - Initial/Subsequent Load		22002	\$0.03	INA	INA	per work second
6	ОК	PROCESSING	per switch, per OCN		NRBDG	NA	\$1.800.00	\$1.800.00	per switch, per OCN
		BRANDING - OPERATOR CALL	por switch, per con		MINDDG	INA	ψ1,000.00	ψ1,000.00	per switch, per OCN
6		PROCESSING	Operator Services - Branding Per call		ZZUCB	\$0.030	NA	NA	per call
		BRANDING - OPERATOR CALL	Operator Services - Based Rate Reference - Initial		ZZZOOD	ψ0.000	14/4	14/4	por our
6	OK	PROCESSING	Load, per state per OCN		NRBDL	NA	\$5,000.00	NA	per state per OCN
		BRANDING - OPERATOR CALL	Operator Services Rate Reference - Subsequent Load,						
6	OK	PROCESSING	per state, per OCN		NRBDM	NA	\$1,500.00	NA	per state per OCN

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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
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT	SC	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective Through 6/30/17)				0.0007			MOU
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT	SC	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)				0.00bk			MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective							
2MR-AT	SC	TRANSPORT AND TERMINATION)	through 6/30/18)				0.0000045			MILE/MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective							= "
2MR-AT	SC	TRANSPORT AND TERMINATION)	7/1/2018)				0.00bk			MILE/MOU
OMD AT	00	LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU				0.0004005			MOLL
2MR-AT	SC	TRANSPORT AND TERMINATION) LOCAL INTERCONNECTION (CALL	(Effective through 6/30/18) Common Transport - Facilities Termination Per MOU				0.0004095			MOU
2MR-AT	SC	TRANSPORT AND TERMINATION)	(Effective 7/1/2018)				0.00bk			MOU
ZIVIN-A I	30	TRANSPORT AND TERMINATION)	Each subscriber will receive one (1) copy per primary				0.00bk			IVIOU
			End User listing of AT&T White Pages directory in the							
			same manner and at the same time that they are							
			delivered to AT&T's subscribers during the annual							primary End User
6	SC	DIRECTORY DELIVERY	delivery of newly published directories.							listing
			Facility Based CLEC - Recording and Provisioning of							-
6	SC	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
			Facility Based CLEC - Loading of Custom Branded							
6	SC	BRANDING - DIRECTORY ASSISTANCE	Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
	00	DIDECTORY ACCIONANCE OF DIVISION	Directory Assistance Access Service Calls, Charge Per							
6	SC	DIRECTORY ASSISTANCE SERVICES	Call Directory Assistance Call Completion Access Service				0.31			call
6	SC	DIRECTORY ASSISTANCE SERVICES	(DACC), Per Call Attempt				0.10			Call Attempt
0	30	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per				0.10			Call Attempt
6	SC	SERVICES	state per OCN					5,000.00		per state per OCN
		BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Subsequent					0,000.00		por orato por o o r
6	SC	SERVICES	Load per state per OCN						1,500.00	per state per OCN
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Initial							
6	SC	SERVICE (DADS)	Load, per listing					0.04		listing
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-							
6	SC	SERVICE (DADS)	Update, per listing				0.04			listing
	00	DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Monthly				450.00			
6	SC	SERVICE (DADS) BRANDING - OPERATOR CALL	Recurring Fee Facility based CLEC - Recording of Custom Branded				150.00			
6	SC	PROCESSING	OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
0	- 00	BRANDING - OPERATOR CALL	Facility based CLEC - Loading of Custom Branded OA	Puvi i	ODAGO			7,000.00	7,000.00	per shelf/NAV per
6	SC	PROCESSING	Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	OCN
			Oper. Call Processing - Oper. Provided, Per Min							
6	SC	OPERATOR CALL PROCESSING	Using BST LIDB				1.20			minute
			Oper. Call Processing - Oper. Provided, Per Min							
6	SC	OPERATOR CALL PROCESSING	Using Foreign LIDB				1.24			minute
			Oper. Call Processing - Fully Automated, per Call -							
6	SC	OPERATOR CALL PROCESSING	Using BST LIDB  Oper. Call Processing - Fully Automated, per Call -				0.20			call
6	60	OPERATOR CALL PROCESSING	Using Foreign LIDB				0.00			ooll .
6	SC	BRANDING - OPERATOR CALL	Operator Services - Rate Reference Initial Load per				0.20			call
6	SC	PROCESSING	state per OCN					5,000.00		per state per OCN
	- 50	BRANDING - OPERATOR CALL	Operator Services - Rate Reference Subsequent Load					5,000.00		po. diato poi doi
6	SC	PROCESSING	per state per OCN						1,500.00	per state per OCN
-		-	Wholesale CLEC - Recording of DA Custom Branded						,	
6	SC	BRANDING - DIRECTORY ASSISTANCE	Announcement					3,000.00	3,000.00	
			Wholesale CLEC - Loading of DA Custom Branded						T	
6	SC	BRANDING - DIRECTORY ASSISTANCE	Announcement per Switch per OCN				1	1,170.00	1,170.00	per Switch per OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Monthly Recurring Zone Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
Attacimient	State	Floduct	Unbranding via OLNS for Wholesale CLEC - Loading of	COS (Class of Service)	0300	Zone Charge (WINC)	11131	Additional	rei oiiit
6	SC	BRANDING - DIRECTORY ASSISTANCE	DA per OCN (1 OCN per Order)				420.00	420.00	OCN
			Unbranding via OLNS for Wholesale CLEC - Loading of						
6	SC	BRANDING - DIRECTORY ASSISTANCE	DA per Switch per OCN				16.00	16.00	per Switch per OCN
		BRANDING - OPERATOR CALL	Wholesale CLEC - Recording of Custom Branded OA						
6		PROCESSING	Announcement				7,000.00	7,000.00	
		BRANDING - OPERATOR CALL	Wholesale CLEC - Loading of Custom Branded OA						per shelf/NAV per
6		PROCESSING	Announcement per shelf/NAV per OCN				500.00	500.00	OCN
		BRANDING - OPERATOR CALL	Wholesale CLEC - Unbranding via OLNS - Loading of						
6		PROCESSING	OA per OCN (Regional)				1,200.00	1,200.00	OCN
		BRANDING - OPERATOR CALL	Wholesale CLEC - Loading of OA Custom Branded						
6	SC	PROCESSING	Announcement per Switch per OCN				1,170.00	1,170.00	per Switch per OCN

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Charge (NRC)  Zone Charge (MRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as					
2MR-AT	TN	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective Through 6/30/17)			0.0007		MOU
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as					
2MR-AT	TN	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)			0.00bk		MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective					
2MR-AT	TN	TRANSPORT AND TERMINATION)	through 6/30/18)			0.000064		Per Mile, Per MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective					
2MR-AT	TN	TRANSPORT AND TERMINATION)	7/1/2018)			0.00bk		Per Mile, Per MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU					
2MR-AT	TN	TRANSPORT AND TERMINATION)	(Effective through 6/30/18)			0.000064		Per Mile, Per MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU					
2MR-AT	TN	TRANSPORT AND TERMINATION)	(Effective 7/1/2018)			0.00bk		Per Mile, Per MOU
			Facility Based CLEC - Recording and Provisioning of					
6	TN	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement	AMT	CBADA	3,000.00	3,000.00	announcement
			Facility Based CLEC - Recording and Provisioning of					
_			DA Custom Branded Announcement [DISCONNECT]					
6	TN	BRANDING - DIRECTORY ASSISTANCE	(USOC=CBADA)	AMT	SOMAN	13.32	1.40	announcement
			Facility Based OLFO Based in a sel Based in a sel					
_			Facility Based CLEC - Recording and Provisioning of					
6	TN	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement (USOC=CBADA)	AMT	SOMAN	20.35	10.54	announcement
		DDANIDING DIDECTORY ACCIOTANCE	Facility Based CLEC - Recording and Provisioning of		00.40.4			
6	TN	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement [DISCONNECT]	AMT	CBADA	7.03	7.03	announcement
	TNI	DRANDING DIRECTORY ACCICTANCE	Facility Based CLEC - Loading of Custom Branded Announcement per Switch per OCN	AMT	CDADC	4.470.00	4 470 00	non Conitale non OCN
6	TN	BRANDING - DIRECTORY ASSISTANCE	Announcement per Switch per OCN	AWI	CBADC	1,170.00	1,170.00	per Switch per OCN
6	TN	BRANDING - DIRECTORY ASSISTANCE	Facility Based CLEC - Loading of Custom Branded Announcement per Switch per OCN (USOC=CBADC) Directory Assistance Access Service Calls, Charge Per	AMT	SOMAN	20.35	10.54	per Switch per OCN
6	TN	DIRECTORY ASSISTANCE SERVICES	Call			0.31		call
			Directory Assistance Call Completion Access Service					
6	TN	DIRECTORY ASSISTANCE SERVICES	(DACC), Per Call Attempt			0.10		Call Attempt
			Directory Assistance - Rate Reference Initial Load per					
6	TN	DIRECTORY ASSISTANCE SERVICES	state per OCN			5,000.00		per state per OCN
			Directory Assistance - Rate Reference Subsequent					
6	TN	DIRECTORY ASSISTANCE SERVICES	Load per state per OCN				1,500.00	per state per OCN
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Initial					
6	TN	SERVICE (DADS)	Load, per listing			0.04		listing
1	_	DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-					
6	TN	SERVICE (DADS)	Update, per listing			0.04		listing
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Monthly					
6	TN	SERVICE (DADS)	Recurring Fee			150.00		
		BRANDING - OPERATOR CALL	Facility based CLEC - Recording of Custom Branded					
6	TN	PROCESSING	OA Announcement	AMT	CBAOS	7,000.00	7,000.00	announcement
		DDANIDING ODEDATOR CALL	Feetly Lead 101 FO Breeze Free (Onton Breeze Led					
	TN	BRANDING - OPERATOR CALL PROCESSING	Facility based CLEC - Recording of Custom Branded OA Announcement [DISCONNECT] (USOC=CBAOS)	AMT	SOMAN	10.00	40.00	
6	IN			AMT	SOMAN	19.99	19.99	announcement
	TN	BRANDING - OPERATOR CALL PROCESSING	Facility based CLEC - Recording of Custom Branded	A B 4 T	COMAN	10.00	40.00	0000115
6	IN	BRANDING - OPERATOR CALL	OA Announcement (USOC=CBAOS) Facility based CLEC - Recording of Custom Branded	AMT	SOMAN	19.99	19.99	announcement
6	TN	PROCESSING		AMT	CBAOS	7.00	7.03	announcement
В	LIN	BRANDING - OPERATOR CALL	OA Announcement [DISCONNECT] Facility based CLEC - Loading of Custom Branded OA	AIVI I	CBAUS	7.03	7.03	announcement
6	TN	PROCESSING	Announcement per state per OCN	AMT	CBAOL	500.00	500.00	per state per OCN
О	IIN	FROCESSING	Announcement per state per OCN	AIVI I	CDAUL	500.00	500.00	per state per OCN
		BRANDING - OPERATOR CALL	Facility based CLEC - Loading of Custom Branded OA					
6	TN		Announcement per state per OCN (USOC=CBAOL)	AMT	SOMAN	19.99	10 00	per state per OCN
	1119	I ROOLOOMO	/ Imoundament per state per OCN (OOOG-OBAOL)	ru¥l I	COMAIN	19.99	19.99	por state per CON

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC		Non- Recurring narge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
		ODEDATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min			4.00			
6	TN	OPERATOR CALL PROCESSING	Using BST LIDB			1.20			minute
			Oper. Call Processing - Oper. Provided, Per Min						
6	TN	OPERATOR CALL PROCESSING	Using Foreign LIDB			1.24			minute
			Oper. Call Processing - Fully Automated, per Call -						
6	TN	OPERATOR CALL PROCESSING	Using BST LIDB			0.20			call
			Oper. Call Processing - Fully Automated, per Call -						
6	TN	OPERATOR CALL PROCESSING	Using Foreign LIDB			0.20			call
			Operator Services - Rate Reference Initial Load per						
6	TN	OPERATOR CALL PROCESSING	state per OCN				5,000.00		per state per OCN
			Operator Services - Rate Reference Subsequent Load						
6	TN	OPERATOR CALL PROCESSING	per state per OCN					1,500.00	per state per OCN

					T			T		
Attachment	State	Product LOCAL INTERCONNECTION (CALL	Rate Element Description Optional EAS Transport & Termination per MOU	COS (Class of Service)	usoc	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	TX	TRANSPORT AND TERMINATION)	(Effective 7/1/2015 – 6/30/2016)		ZZUR2		\$ 0.00129567	NA	NA	MOU
ZIVIICAT	17	LOCAL INTERCONNECTION (CALL	Optional EAS Transport & Termination per MOU		ZZORZ		ψ 0.00123307	14/4	IVA	WOO
2MR-AT	TX	TRANSPORT AND TERMINATION)	(Effective 7/1/2016 – 6/30/2017)		ZZUR2		\$0.0007	NA	NA	MOU
		LOCAL INTERCONNECTION (CALL	Optional EAS Transport & Termination per MOU				*******			
2MR-AT	TX	TRANSPORT AND TERMINATION)	(Effective 7/1/2017)		ZZUR2		\$0.00	NA	NA	MOU
			(				*****			
2MR-AT	TX	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION) LOCAL INTERCONNECTION (CALL	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU (Effective Through 6/30/17) Rate for All ISP-Bound and section 251(b)(5) Traffic as		ZZUR2		\$0.000700	NA	NA	MOU
2MR-AT	TX	TRANSPORT AND TERMINATION)	per FCC 01-131, per MOU (Effective 7/01/17)		ZZUR2		\$0.000000	NA	NA	MOU
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		\$0.40		NA NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - Credit		ZZUO4		\$0.40	NA	NA	per call
			, , ,				·			
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per cal		ZZUO7		\$0.15			per call
6			National Directory Assistance (NDA) per cal		ZZUO5		\$0.65		NA	per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) per call - credit		ZZUO6		\$0.65			per call
6			Business Category Search (BCS) per call		ZZUOB		\$0.65		NA	per call
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) per call		ZZUO8		\$0.65		NA	per call
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) per call - credit		ZZUO9		\$0.65			per call
6		DIRECTORY LISTING PRODUCT	White Page Directory Listings					NA		
6	TX	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings Directory Assistance - Branding - Initial/Subsequent					NA	NA	
6	TX	BRANDING - DIRECTORY ASSISTANCE	Load per switch, per OCN		NRBDG		NA	\$1,800.00	\$1,800,00	per switch, per OCN
Ů	170	BIGUIABILE BILLETOICI MOCIOTALIOE	Edda por switch, per core		THIRDDO		147	ψ1,000.00	Ψ1,000.00	per awiteri, per cort
6		BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per		ZZUCB		\$0.03			per call
6	TX	BRANDING - DIRECTORY ASSISTANCE	state, per OCN		NRBDL		NA	\$5,000.00	NA	per state, per OCN
			Directory Assistance - Rate Reference Subsequent					_		
6	TX	BRANDING - DIRECTORY ASSISTANCE	Load per state, per OCN		NRBDM		NA	\$1,500.00	NA	per state, per OCN
6	TX	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Initial Load, per listing				\$0.0585	NA	NA	per listing
0	1.	DIRECTORT ASSISTANCE LISTINGS	iistii ig				φυ.υσοσ	INA	INA	perlisting
6	TX	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Update, per listing				\$0.0585	NA	NA	per listina
, i	.,,		Directory Assistance Listings (DAL) - Non-Pub				ψ3.0000	107	10.	poog
6	TX	DIRECTORY ASSISTANCE LISTINGS	Emergency Service				\$2.10	NA	NA	
			Operated Services - Fully Automated Call Processing				•			per completed
6	TX	OPERATOR CALL PROCESSING	(Per completed automated call)		ZZUO1		\$0.15	NA	NA	automated call
			Operator Assisted Call Processing All Types per work							-
6	TX	OPERATOR CALL PROCESSING	second		ZZUO2		\$0.03	NA	NA	per work second
		BRANDING - OPERATOR CALL	Operator Services - Branding Initial/Subsequent Load							
6	TX	PROCESSING	per switch, per OCN		NRBDG		NA	\$1,800.00	\$1,800.00	per switch, per OCN
	T)/	BRANDING - OPERATOR CALL	O		771100		** **			
6	TX	PROCESSING BRANDING - OPERATOR CALL	Operator Services - Branding Per call Operator Services - Rate Reference - Initial Load per		ZZUCB		\$0.03	NA	NA	per call
6	TX	PROCESSING	state, per OCN		NRBDL		NA	\$5,000.00	NIA	per state, per OCN
D	1.7	BRANDING - OPERATOR CALL	Operator Services - Rate Reference - Subsequent Load		INKDUL		INA	φο,υυυ.υυ	NA	per state, per OCN
6	TX	PROCESSING	per state, per OCN		NRBDM		NA	\$1,500.00	NΔ	per state, per OCN
	17.		po. 0.0.0, po. 0011		TTTODM	1	INA	ψ1,000.00	14/4	ps. state, per 5014

Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc		Monthly ecurring irge (MRC)		Non- Recurring Charge (NRC) Additional	Per Unit
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT		TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective Through 6/30/17)	OHU	USG15		0.0007			MOU
ZIVIIX-AT		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as	OHO	03013		0.0007			IVIOU
2MR-AT		TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)	OHU	USG15		\$0.00			MOU
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN	\$	0.40		NA	per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call	XPU	OPEN	\$	0.65			per call
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call	XPU	OPEN	\$	0.65			per call
			Treffer Britisher, Tresistance (TETI), per can	ж. С	0. 2.1	T +	0.00			por can
6	WI	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) / if applicable, per call	XPU	OPEN	\$	0.65	NA	NA	per call
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC)	XPU	OPEN	\$	0.15	NA	NA	F 21. 22
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Other - Initial/Subsequent Load per switch per OCN					\$ 1,800.00		
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING OPERATOR SERVICES/DIRECTORY	Branding Per call	XPU	OPEN	\$	0.03			per call
6	WI	ASSISTANCE AUTOMATED CALL GREETING	Branding-Facility Based-Initial/Subsequent Load - Branding, per trunk group				NA	\$ 800.00	NA	
		OPERATOR SERVICES/DIRECTORY								per switch,
6		ASSISTANCE RATE/REFERENCES	Rate Reference - Initial Load, per state, per OCN				NA	\$ 5,000.00	NA	per OCN
		OPERATOR SERVICES/DIRECTORY								per switch,
6		ASSISTANCE RATE/REFERENCES	Rate Reference - Subsequent Load, per state, per OCN	VDU	00511		NA			per OCN
6	WI	OPERATOR CALL PROCESSING	Fully Automated Call Processing, per call  Operator Assisted Call Processing All Types, per	XPU	OPEN	\$	0.15	NA	NA	per call
6	WI	OPERATOR CALL PROCESSING	work second	XPU	OPEN	•	0.03	NA	NA	nor work 2005 = -
6		OPERATOR CALL PROCESSING	Branding-Other-Initial/Subsequent Load	XPU	OPEN	\$	0.03	\$ 1.800.00	NA	per work second
6		OPERATOR CALL PROCESSING	per call	XPU	OPEN	\$	0.03			
U	VVI	OF LINATOR GALL PROCESSING	Branding-Facility Based-Initial/Subsequent Load -	AFU	OFEN	1 2	0.03			
6	WI	OPERATOR CALL PROCESSING	Branding, per trunk group					\$ 800.00		
6		OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Initial Load					\$ 5,000.00		
	**1	CI EIGTI GIT GITEET INGGEGONING	Operator Corvices Trate restricted initial Edad					Ψ 5,000.00		
6	WI	OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Subsequent Load					\$ 1,500.00		
6		DIRECTORY ASSISTANCE SERVICES	DA Listings - per listing for initial load					\$ 0.040	NA	per listing
6		DIRECTORY ASSISTANCE SERVICES	DA Listings - per listing for subsequent updates			\$	0.060		NA NA	per listing