

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

October 4, 2016

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 include certain provisions relating to WC Docket No. 13-97 approved by the FCC; to implement changes resulting from the FCC's USF/ICC, Lifeline and Link Up Reform and Modernization, Technology Transition and USTelecom Forbearance Orders; to replace the OS/DA language and rates; and to revise electronic notification and expiration language.to the current interconnection agreement between AT&T Kentucky and Level 3 Communications, LLC; **Reference No. 00711**.

This document is being electronically filed with the Commission on October 4, 2016. Please contact me if you have any questions regarding this filing.

Sincerely,

Richard T. Howell

Area Manager-Regulatory Relations

Archal 9. Howell

Attachment

Signature Page/AT&T-21STATE Page 1 of 3 LEVEL 3 COMMUNICATIONS Version: 4Q15 – 10/20/15

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 CALIFORNIA, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

AND

LEVEL 3 COMMUNICATIONS LLC



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Signature: eSigned - Gary Black, Jr.

Name: eSigned - Gary Black, Jr.

(Print or Type)

Title: VP-Carrier Relations

(Print or Type)

Date: 09 Sep 2016

Level 3 Communications LLC

Ct-t-	OLEO OON				
State	CLEC OCN				
ALABAMA	5255,8824				
ARKANSAS	5179				
CALIFORNIA	8826				
FLORIDA	4802,8824				
GEORGIA	6116,8824				
ILLINOIS	6115				
INDIANA	4803				
KANSAS	2240				
KENTUCKY	4369,8824				
LOUISIANA	3232,8824				
MICHIGAN	6120				
MISSISSIPPI	5178,8824				
MISSOURI	4932				
NEVADA	4805				

Signature: eSigned - William A. Bockelman

Name: eSigned - William A. Bockelman

(Print or Type)

Title: Director

(Print or Type)

Date: 09 Sep 2016

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

Signature Page/AT&T-21STATE Page 3 of 3 LEVEL 3 COMMUNICATIONS Version: 4Q15 – 10/20/15

NORTH CAROLINA	3235,8824
OHIO	4863
OKLAHOMA	5257
SOUTH CAROLINA	5258,8824
TENNESSEE	4806,8824
TEXAS	6114
WISCONSIN	5489

Description	ACNA Code(s)
ACNA(s)	LVC

Amendment – CLEC IVP OSS and LNP Partner, Lifeline/LinkUp, ICC, Forbearance, CIS and Notices/AT&T-21STATE
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AMENDMENT TO THE AGREEMENT BETWEEN LEVEL 3 COMMUNICATIONS 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 MEVADA 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 CLEC as shown in the attached Exhibit A.

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

WHEREAS, CLEC will be providing interconnection to the PSTN on behalf of one or more interconnected VoIP providers ("IVP") in connection with the 2015 VoIP Number Access Order approved by the FCC in WC Docket No. 13-97; Numbering Policies for Modern Communications. As such, CLEC will be delivering traffic to and receiving traffic from AT&T on behalf of one or more IVPs; and

WHEREAS, the Parties wish to amend the Agreement, pursuant to Sections 251 and 252 of the Act, to include certain provisions relating to WC Docket No. 13-97 approved by the FCC; 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 add rates and provisions related to modify certain provisions related to Customer Information Services.

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, and Exhibit A, Exhibit B, Exhibit C Pricing Sheets immediately following, all of which are hereby incorporated within this Amendment by this reference and constitute a part of this Amendment.
- "Interconnected VoIP Provider" or "IVP" as used in this Agreement is the entity set forth in the Preamble and that provides interconnected VoIP service as that term is defined in 47 U.S.C. § 9.3 and for the purposes of this Agreement, refers to a specific Interconnected VoIP Provider that is a Party to this Agreement.
- 3. AT&T and CLEC will interconnect, exchange traffic and maintain compensation for traffic originated by or destined for an IVP as if it were traffic to or from CLEC's end users as provided for in the Agreement.

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- 4. AT&T-21STATE shall route such IVP traffic destined for CLEC's directly connected end office as defined in the LERG, and CLEC shall be responsible, including financially, for any such traffic. AT&T-21STATE shall not be responsible for any misuse of CLEC's codes by IVP in the LERG.
- 5. By agreeing to exchange traffic pursuant to this Agreement, neither Party waives and each Party expressly reserves its respective advocacy positions regarding the appropriate means of interconnection, traffic exchange and intercarrier compensation for traffic exchanged between the Parties.

6. Lifeline and Link Up Services

6.1 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.

7. Intercarrier Compensation

7.1 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.

8. Forbearance

8.1 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.

9. Customer Information Services (CIS)

- 9.1 With the exception of 9.3 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.
- 9.2 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.

9.3 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),

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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.

10. For the States of Michigan, Nevada and Wisconsin - The Parties agree to replace Section 17. from the Agreements with the following language:

17. Notices

- Notices given by Level 3 to AT&T under this Agreement shall be in writing (unless specifically provided otherwise herein), and unless otherwise expressly required by this Agreement to be delivered to another representative or point of contact, shall be pursuant to at least one of the following methods:
 - 17.1.1 delivered by electronic mail (email).
 - 17.1.2 delivered by facsimile.
- Notices given by AT&T to the Level 3 under this Agreement shall be in writing (unless specifically provided otherwise herein), and unless otherwise expressly required by this Agreement to be delivered to another representative or point of contact, shall be pursuant to at least one of the following methods:
 - 17.2.1 delivered by electronic mail (email) provided Level 3 has provided such information in Section 17.4 below.
 - 17.2.2 delivered by facsimile provided Level 3 has provided such information in Section 17.4 below.
- 17.3 Notices will be deemed given as of the earliest of:
 - 17.3.1 the date of actual receipt.
 - 17.3.2 notice by email shall be effective on the date it is officially recorded as delivered by delivery receipt and in the absence of such record of delivery, it shall be presumed to have been delivered on the date sent.
 - 17.3.3 on the date set forth on the confirmation produced by the sending facsimile machine when delivered by facsimile prior to 5:00 p.m. in the recipient's time zone, but the next Business Day when delivered by facsimile at 5:00 p.m. or later in the recipient's time zone.
- 17.4 Notices will be addressed to the Parties as follows:

NOTICE CONTACT	CLEC CONTACT
NAME/TITLE	ATTN: General Counsel - Regulatory
STREET ADDRESS	1025 Eldorado Blvd.
CITY, STATE, ZIP CODE	Broomfield, CO 80021
PHONE NUMBER*	(720) 888-4537
FACSIMILE NUMBER	(720) 567-2209
EMAIL ADDRESS	michael.mooney@level3.com

	AT&T CONTACT
NAME/TITLE	Contract Management
	ATTN: Notices Manager
FACSIMILE NUMBER	(214) 712-5792

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Amendment – CLEC IVP OSS and LNP Partner, Lifeline/LinkUp, ICC, Forbearance, CIS and Notices/AT&T-21STATE PAGE 4 OF 5 Level 3 Communications

EMAIL ADDRESS	The current email address as provided on
	AT&T's CLEC Online website

*Informational only and not to be considered as an official notice vehicle under this Section.

- 17.5 Either Party may unilaterally change its designated contact name, address, email address, and/or facsimile number for the receipt of Notices by giving written Notice to the other Party in compliance with this Section 17. Unless explicitly stated otherwise, any change to the designated contact name, address, email address, and/or facsimile number will replace such information currently on file. Any Notice to change the designated contact name, address, email address, and/or facsimile number for the receipt of Notices shall be deemed effective ten (10) calendar days following receipt by the other Party.
- In addition, Level 3 agrees that it is responsible for providing AT&T with Level 3's OCN and ACNA numbers for the states in which Level 3 is authorized to do business and in which Level 3 is requesting that this Agreement apply. In the event that Level 3 wants to change and/or add to the OCN and/or ACNA information in the CLEC Profile, Level 3 shall send written notice to AT&T to be received at least thirty (30) days prior to the change and/or addition in accordance with this Section 17. notice provision; Level 3 shall also update its CLEC Profile through the applicable form and/or web-based interface.
- 17.7 AT&T communicates official information to CLECs via its Accessible Letter, or other applicable, notification processes. These processes involve electronic transmission and/or posting to the AT&T CLEC Online website, inclusive of a variety of subjects including declaration of a force majeure, changes on business processes and policies, and other product/service related notices not requiring an amendment to this Agreement.
- 11. For the States of Alabama, Arkansas, California, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, Ohio, Oklahoma, South Carolina, Tennessee, and Texas, the Parties agree to replace the CLEC and AT&T Notice information from the General Terms and Conditions of the Agreements to the following:

NOTICE CONTACT	CLEC CONTACT
NAME/TITLE	ATTN: General Counsel - Regulatory
STREET ADDRESS	1025 Eldorado Blvd.
CITY, STATE, ZIP CODE	Broomfield, CO 80021
PHONE NUMBER*	(720) 888-4537
FACSIMILE NUMBER	(720) 567-2209
EMAIL ADDRESS	michael.mooney@level3.com

	AT&T CONTACT
NAME/TITLE	Contract Management
	ATTN: Notices Manager
FACSIMILE NUMBER	(214) 712-5792
EMAIL ADDRESS	The current email address as provided on
	AT&T's CLEC Online website

- 12. There shall be no retroactive application of any provision of this Amendment prior to the Effective Date of an adopting CLEC's agreement.
- 13. 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

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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.

- 14. 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.
- 15. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
- 16. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
- 17. 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.
- 18. 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 91st day after filing. For California: Pursuant to Resolution ALJ 257, this filing will become effective, absent rejection of the Advice Letter by the Commission, upon thirty (30) days after the filing date of the Advice Letter to which this Amendment is appended. For Wisconsin: Pursuant to Wisconsin Statute § 196.40, this Amendment shall become effective ten (10) days after the mailing date of the final order approving this Amendment.

Exhibit A

AT&T ILEC ("AT&T")	CLEC Legal Name	Contract Type	Approval Date
BellSouth Telecommunications, LLC d/b/a AT&T ALABAMA	Level 3 Communications, LLC	Interconnection	07/09/04
BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA	Level 3 Communications, LLC	Interconnection	9/28/04
BellSouth Telecommunications, LLC d/b/a AT&T GEORGIA	Level 3 Communications, LLC	Interconnection	7/20/04
BellSouth Telecommunications, LLC d/b/a AT&T KENTUCKY	Level 3 Communications, LLC	Interconnection	7/8/04
BellSouth Telecommunications, LLC d/b/a AT&T LOUISIANA	Level 3 Communications, LLC	Interconnection	9/21/04
BellSouth Telecommunications, LLC d/b/a AT&T MISSISSIPPI	Level 3 Communications, LLC	Interconnection	8/24/04
BellSouth Telecommunications, LLC d/b/a AT&T NORTH CAROLINA	Level 3 Communications, LLC	Interconnection	7/1/04
BellSouth Telecommunications, LLC d/b/a AT&T SOUTH CAROLINA	Level 3 Communications, LLC	Interconnection	7/20/04
BellSouth Telecommunications, LLC d/b/a AT&T TENNESSEE	Level 3 Communications, LLC	Interconnection	8/09/04
Illinois Bell Telephone Company d/b/a AT&T ILLINOIS	Level 3 Communications, LLC	Interconnection	6/2/05
Indiana Bell Telephone Company	Level 3 Communications, LLC	Interconnection	4/22/05

Amd-CLEC IVP OSS and LNP Partner, Lifeline/LinkUp, ICC, Forbearance, CIS and Notices/AT&T-21STATE

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AT&T ILEC ("AT&T")	CLEC Legal Name	Contract Type	Approval Date
Incorporated d/b/a AT&T INDIANA			
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	Level 3 Communications, LLC	Interconnection	2/24/05
Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale	Level 3 Communications, LLC	Interconnection	4/20/05
The Ohio Bell Telephone Company d/b/a AT&T OHIO	Level 3 Communications, LLC	Interconnection	6/17/05
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	Level 3 Communications, LLC	Interconnection	4/21/05
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	Level 3 Communications, LLC	Interconnection	4/15/05
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	Level 3 Communications, LLC	Interconnection	4/21/05
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	Level 3 Communications, LLC	Interconnection	5/3/05
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	Level 3 Communications, LLC	Interconnection	6/17/05
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	Level 3 Communications, LLC	Interconnection	3/22/05
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	Level 3 Communications, LLC	Interconnection	3/15/05

Attachment 06 – OS/DA – Exhibit B/AT&T-21STATE
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ATTACHMENT 06 – OPERATOR SERVICES AND DIRECTORY ASSISTANCE - EXHIBIT B (f/k/a CUSTOMER INFORMATION SERVICES)

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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.
- 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.
- 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 <u>Directory Assistance Call Completion (DACC)</u> A service in which a local or an intraLATA call to the 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.
- 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 nonrecurring 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

- 4.1 General Provisions:
 - 4.1.1 Subject to 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, as described herein.
 - 4.1.2 AT&T-21STATE will meet state requirements to make available listings through itself or a contracted vendor to provide listings for its ILEC Territory, as defined in the General Terms and Conditions of this Agreement.
- 4.2 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 guidebooks. 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 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 Distribution of Directories:

- 4.2.3.1 Subject to 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 subscribers.
- 4.2.4 AT&T-21STATE shall direct its publishing vendor to offer CLEC the opportunity to include in the "Information Pages", or comparable section of its white pages directories (covering the territory where CLEC is certified to provide local service), information provided by CLEC for CLEC installation, repair, customer service and billing information.
- 4.2.5 Use of Subscriber Listing Information:
 - 4.2.5.1 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 publishing products and services.
 - 4.2.5.2 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.

- 4.2.6 CLEC further agrees to pay all costs incurred by AT&T-21STATE and/or its Affiliates as a result of CLEC not complying with the terms of this Attachment.
- 4.2.7 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.
- 4.2.8 Breach of Contract:
 - 4.2.8.1 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.
- 4.2.9 General Conditions for Listings:
 - 4.2.9.1 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.
 - 4.2.9.2 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</u> ASSISTANCE SERVICES

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.

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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	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			wiii idle
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 I V

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

								Non-	Non-	
							Monthly	Recurring	Recurring	
							Recurring	Charge (NRC)	-	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC)		Additional	Per Unit
			·	•						
		LOCAL INTERCONNECTION (CALL	Rate for All ISP-Bound and section 251(b)(5) Traffic as							
2MR-AT	AR	TRANSPORT AND TERMINATION)	per FCC 01-131, per MOU (Effective through 6/30/17)		ZZUR2		\$ 0.0007			MOU
014D 4T		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as		771100					
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
ZIVIK-A I	AK	LOCAL INTERCONNECTION (CALL	Optional EAS Transport and Termination per MOU		ZZUKZ		\$ 0.0056000			IVIOU
2MR-AT	AR	TRANSPORT AND TERMINATION)	(Effective 7/1/2016 – 6/30/2017)		ZZUR2		\$ 0.0007			MOU
ZIVIN-AT	AIX	LOCAL INTERCONNECTION (CALL	Optional EAS Transport and Termination per MOU		ZZUNZ		ψ 0.0007			IVIOU
2MR-AT	AR	TRANSPORT AND TERMINATION)	(Effective 7/1/2017)		ZZUR2		\$0.00			MOU
2MR-AT		Transit Traffic Service	Transit Rate per Minute of Use - Zone 3		ZZUTN	3	\$ 0.002137		NA	
2MR-AT		Transit Traffic Service	Transit Rate per Minute of Use - Zone 2		ZZUTN	2	\$ 0.002152		NA	per minute of use
2MR-AT	AR	Transit Traffic Service	Transit Rate per Minute of Use - Zone 1		ZZUTN	1	\$ 0.002251	NA	NA	per minute of use
2MR-AT	AR	Transit Traffic Service	Transiting OCA - Optional Area				\$ 0.004000	NA	NA	per minute of use
6	AR	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		\$ 0.40	NA	NA	per call
6	AR	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - credit		ZZUO4		\$ 0.40	NA	NA	per call
6	AR	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	National Directory Assistance (NDA) per call - credit		ZZUO6		\$ 0.65		NA	per call
6	AR	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) per call		ZZUOB		\$ 0.65		NA	per call
6	AR AR	DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) per call Reverse Directory Assistance (RDA) per call - credit		ZZUO8 ZZUO9		\$ 0.65 \$ 0.65		NA NA	per call
0	AK	DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Branding - Initial/Subsequent		22009		\$ 0.05	INA	INA	per call
6	AR	BRANDING - DIRECTORY ASSISTANCE	Load - per OCN, per switch		NRBDG		NΔ	\$ 1,800.00	\$ 1,800,00	per OCN, per switch
0	7.11	BICANDING BICEGIGICI AGGIGIANGE	Load per corv, per switch		IVINDDO		14/4	Ψ 1,000.00	ψ 1,000.00	per cort, per switch
6	AR	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - per call		ZZUCB		\$ 0.030	NA	NA	per call
			Directory Assistance - Rate Reference Initial Load - per							F
6	AR	BRANDING - DIRECTORY ASSISTANCE	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		NRBDM		NA	\$ 1,500.00	NA	per state, per OCN
			Directory Assistance Listings (DAL)-Initial Load, per							
6	AR	DIRECTORY ASSISTANCE LISTINGS	listing				NA	\$ 0.0585	NA	per listing
_										
6	AR	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Update, per listing				\$ 0.0585	NA	NA	per listing
6	AR	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Non-Pub Emergency Message Service				\$ 2.10	NA	NA	per listing
6	AR	DIRECTORY ASSISTANCE LISTINGS DIRECTORY LISTING PRODUCT	White Page Directory Listings				\$ 2.10	NA NA	NA NA	per listing
6	AR	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA NA	NA NA	
	7.113	DIRECTOR LIGHTOT RODGOT	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
-			Operator Assisted Call Processing All Types per work				* *****			
6	AR	OPERATOR CALL PROCESSING	second		ZZUO2		\$ 0.030	NA	NA	per work second
		BRANDING - OPERATOR CALL	Operator Services - Branding - Initial/Subsequent Load -							·
6	AR	PROCESSING	per OCN, per switch		NRBDG		NA	\$ 1,800.00	\$ 1,800.00	per state per OCN
		BRANDING - OPERATOR CALL								
6	AR	PROCESSING	Operator Services - Branding - per call		ZZUCB		\$ 0.030	NA	NA	per call
_		BRANDING - OPERATOR CALL	Operator Services - Rate Reference Initial Load - per							
6	AR	PROCESSING	state, per OCN		NRBDL		NA	\$ 5,000.00	NA	per state per OCN
	4.5	BRANDING - OPERATOR CALL	Operator Services - Rate Reference Subsequent Load -		NDDDAA			e 450000		
6	AR	PROCESSING OTHER RESALE - DIRECTORY	per state, per OCN		NRBDM		NA	\$ 1,500.00	NA	per state per OCN
6	AR	ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				14.50%	NA	NA	
- U	AL	OTHER RESALE - DIRECTORY	Directory Assistance Services				14.30%	INA	INA	
6	AR	ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				14.50%	NA	NA	
Ŭ					1		5070	1471	1471	

Attachment	State	Product	Rate Element Description Rate for All ISP-Bound Traffic and Section 251(b)(5)	COS (Class of Service)	usoc	Monthly Recurri Recurring Charge (NZOne Charge (MRC) First	IRC) Ch	Non- Recurring arge (NRC) Additional	Per Unit
		LOCAL INTERCONNECTION (CALL	Traffic as per FCC 01-131, per MOU (Effective Through						
2MR-AT	CA	TRANSPORT AND TERMINATION)	6/30/17)	L1T++	GOC00	\$ 0.000700			MOU
ZIVII (/ \ I	OA	LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as	LIIII	00000	ψ 0.000700			IVIOO
2MR-AT	CA	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)	L1T++	GOC00	\$0.00			MOU
2MR-AT		TRANSIT TRAFFIC SERVICE	CALL SET UP - Setup Charge Per Call	L1T++	GMC00	\$0.001130			per call
2MR-AT		TRANSIT TRAFFIC SERVICE	CALL DURATION - Duration Charge per MOU	L1T++	GMD00	\$0.002770			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		DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS), per call			\$ 0.65			call
6		DIRECTORY ASSISTANCE SERVICES	Express Call Completion/Directory Assistance Call Completion (DACC) - Rate per call Express Call Completion/Directory Assistance Call			\$ 0.15			call
6	CA	DIRECTORY ASSISTANCE SERVICES	Completion (DACC) - Call Completion LATA Wide - Per MOU Branding - Other - Initial/Subsequent Load, per switch,			\$ 0.00436			MOU
6	CA	BRANDING - DIRECTORY ASSISTANCE	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		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	OCN
6	CA	PROCESSING BRANDING - OPERATOR CALL	per OCN	OPS++	BRAND	NA \$ 1,80	0.00 \$	1,800.00	per switch, per OCN
6	CA	PROCESSING BRANDING - OPERATOR CALL	Branding and Reference/Rate Look Up, per OS/DA Call			\$ 0.03			OS/DA call
6	CA	PROCESSING BRANDING - OPERATOR CALL	Rate Reference - Initial Load, per state, per OCN			NA \$ 5,00	0.00		OCN
6		PROCESSING	Rate Reference - Subsequent Load, per state, per OCN			NA	\$	1.500.00	OCN
6		OPERATOR CALL PROCESSING	Fully Automated Call Processing, per call			\$ 0.15	Ψ	1,000.00	call
	0,1	5. 2.3.1.51(6/LE1 1100E001140	Fully Automated Call Processing - Call Completion			0.10			ouii
6	CA	OPERATOR CALL PROCESSING	LATA Wide - Per MOU			\$ 0.00436			MOU
			Operator - Assisted Call Processing - All Types, per						
6	CA	OPERATOR CALL PROCESSING	work second			\$ 0.03			work second
			Operator - Assisted Call Processing - All Types - Call						
6		OPERATOR CALL PROCESSING	Completion LATA Wide - Per MOU	005	TD=	\$ 0.00436	0.05		MOU
6		DIRECTORY ASSISTANCE SERVICES	Trunk Installation per trunk	OPS++	TPP6X		0.00 \$		trunk
6		DIRECTORY ASSISTANCE SERVICES	Trunk Installation per trunk	OPS++	TPP9X	NA \$ 50	0.00 \$		trunk
6	CA	DIRECTORY ASSISTANCE SERVICES	DAL				NA	NA	

	ı					1	1	T		
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

### Attachment State								_	
248.47 GA TARASPORT AND TERMINATION DEPCCO-1-ST, per MOU (Effective through 63017) CALL PIECE/CONNECTION (CALL COLL PIECE/CONNECTION (CALL PRODUCT)) CANADISTORY (CALL PRODUCT) CANADISTORY (CALL PRODUCT) CANADISTORY (CALL PRODUCT) CANADISTORY (CALL PRODUCT) CALL PARTICIPATION (CALL PARTICIPATION (CALL PARTICIPATION) CALL PRODUCT) C	Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Monthly Recurring Recurring Charge (NRC)	Recurring Charge (NRC)	Per Unit
248.47 GA TARASPORT AND TERMINATION DEPCCO-1-ST, per MOU (Effective through 63017) CALL PIECE/CONNECTION (CALL COLL PIECE/CONNECTION (CALL PRODUCT)) CANADISTORY (CALL PRODUCT) CANADISTORY (CALL PRODUCT) CANADISTORY (CALL PRODUCT) CANADISTORY (CALL PRODUCT) CALL PARTICIPATION (CALL PARTICIPATION (CALL PARTICIPATION) CALL PRODUCT) C			LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as					
December	2MR-AT	GA					0.0007		MOU
24R.4T GA TRANSPORT AND TERMINATION Common Transport - Park Mile, Per MOU (Effective Common Transport - Park Moul Common Transport		0,1		Rate for all ISP-Bound and Section 251(b)(5) Traffic as			0.0007		
2URR-AT GA TRANSPORT AND TERMINATION COmmon Transport - Femilia, Per MOU (Effective 0.0000028 MILEMOU 1.00000028 MILEMOU 1.00000028 MILEMOU 1.00000028 MILEMOU 1.00000028 MILEMOU 1.00000028 MILEMOU 1.00000028 MILEMOU 1.000000028 MILEMOU 1.00000000000000000000000000000000000	2MR-AT	GA	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)			0.00bk		MOU
APPLIED COMPANDED COMPAN				Common Transport - Per Mile, Per MOU (Effective					
2MR AT GA TRANSPORT AND TERMINATION	2MR-AT	GA					0.0000028		MILE/MOU
Amapaign									=
2MR-AT GA TRANSPORT AND TERMINATION) (Effective through 630/18) 0.0001955 MOU 2MR-AT GA TRANSPORT AND TERMINATION) (Effective through 630/18) 0.0001955 MOU 2MR-AT GA TRANSPORT AND TERMINATION) (Effective Transport Facilities Termination Per MOU 6 GA TRANSPORT AND TERMINATION) (Effective Transport Facilities Termination Per MOU 6 GA DIRECTORY DELIVERY 6 GA DIRECTORY AND TERMINATION) (Effective Transport Facilities Termination Per MOU 6 GA DIRECTORY DELIVERY 6 GA BRANDING - DIRECTORY ASSISTANCE DA CLASSIFICATION (CARREST AND TRANSPORT AND TERMINATION) (Proceedings of ATS T subscribers during the annual delivery of newly published directiving annual delivery published of the published directive annual delivery published directives annual delivery published of the published directives annual delivery published directives annual de	2MR-AT	GA		7/1/2018)			0.00bk		MILE/MOU
LICCAL INTERCONNECTION (CALL 2MR.AT GA TRANSPORT AND TERMINATION) (Effective Prizotts) (Expression of the MOU ATTAINATION (Effective Prizotts) (Expression of the MOU Expression of the Mount of the	OMP AT	GΛ					0.0001055		MOLL
ZMR-AT GA TRANSPORT AND TERMINATION Effective 71/2018 Edit substitute will receive one (1) copy per primary End User listing of AT&T White Pages directory in the Edit substitute will receive the AT&T substitutes surright the annual delivers of heavy published directories. AT&T substitutes are used to the surright of the annual delivers of heavy published directories. AMT CBADA 3,000.00 3,000.00 announcement delivers of heavy published directories. AMT CBADA 3,000.00 3,000.00 announcement published. AMT CBADA 3,000.00 announcement published. Announcement published directories. AMT CBADA 3,000.00 announcement published. Announcement published directories. AMT CBADA 3,000.00 announcement published. Announcement published directories. AMT CBADA 3,000.00 announcement published directories. AMT CBADA 3,000.00 announcement published directories. ANT CBADA 3,000.00 announceme	ZIVIN-A I	GA		Common Transport - Facilities Termination Per MOU			0.0001955		IVIOU
Each subscriber will receive one (1) Cody per premary End User listing of ATS White Pages directory in the same manner and at the same time that they are delivered to ATST's subscribers during the annual delivery of newly published directories. G A BRANDING-DIRECTORY ASSISTANCE G AB BRANDING-DIRECTORY ASSISTANCE DIRECTORY ASSISTANCE SERVICES OF ADDRESS OF ASSISTANCE SERVICES OF ASSISTANCE SERVICES OF ADDRESS O	2MR-AT	GA					0.00bk		MOU
same manner and at the same time that they are doll/word to ATR'S subcorbers during the annual delivery of newly published directories. G. A. BRANDING - DIRECTORY ASSISTANCE ARROWS (Directory ASSISTANCE) G. G. BRANDING - DIRECTORY ASSISTANCE ARROWS (DIRECTORY ASSISTANCE) G. G. A. DIRECTORY ASSISTANCE SERVICES G. G. DIRECTORY ASSISTANCE SERVICES G. DIRECTORY ASSISTANCE DATABASE G. G.			,						
deliwered to AT&T's subscribers during the annual delivery of newly published defrectories. 6 GA BRANDING - DIRECTORY ASSISTANCE DATABASE DEFRORMENT DESIRED TORY ASSISTANCE SERVICES DURING AND									
6 GA DIRECTORY DELIVERY 6 GA BRANDING - DIRECTORY ASSISTANCE 6 GA BRANDING - DIRECTORY ASSISTANCE 6 GA BRANDING - DIRECTORY ASSISTANCE 6 GA DIRECTORY ASSISTANCE SERVICES 6 GA BRANDING - DIRECTORY ASSISTANCE SERVICES 6 GA SERVICE (DADS) 6 GA OPERATOR CALL PROCESSING 7 (DOUGH ASSISTANCE DATABASE 1 Load, per isling 1									
Facility Based CLEC - Recording and Provisioning of Call Attempt Facility Based CLEC - Recording and Provisioning of Call Attempt Facility Based CLEC - Loading of Custom Branded Announcement Facility Based CLEC - Loading of Custom Branded Announcement Facility Based CLEC - Loading of Custom Branded Announcement Facility Based CLEC - Loading of Custom Branded Announcement Facility Based CLEC - Loading of Custom Branded Announcement Facility Based CLEC - Loading of Custom Branded Announcement Facility Based CLEC - Loading of Custom Branded Announcement Facility Based CLEC - Loading of Custom Branded Announcement Facility Based CLEC - Loading of Custom Branded Announcement Facility Based CLEC - Loading of Custom Branded Announcement Facility Based CLEC - Recording of Custom Branded Announcement Facility Based CLEC - Recording of Custom Branded Announcement Facility Based CLEC - Recording of Custom Branded Announcement Facility Based CLEC - Recording of Custom Branded Announcement Facility Based CLEC - Recording of Custom Branded Announcement Facility Based CLEC - Recording of Custom Branded Announcement Facility Based CLEC - Recording of Custom Branded OA A SERVICE CADAS) Grand Branding Control of Custom Branded OA A PROCESSING OA Announcement Facility Based CLEC - Recording of Custom Branded OA A PROCESSING OA Announcement Facility Based CLEC - Recording of Custom Branded OA A PROCESSING OA Announcement Facility Based CLEC - Recording of Custom Branded OA A PROCESSING OA Announcement Facility Based CLEC - Recording of Custom Branded OA A PROCESSING OA Announcement Facility Based CLEC - Recording of Custom Branded OA A PROCESSING OA Announcement Facility Based CLEC - Recording of Custom Branded OA A PROCESSING OA Announcement Facility Based CLEC - Recording of Custom Branded OA A PROCESSING OA Announcement Facility Based CLEC - Loading of Custom Branded OA A PROCESSING OA Announcement Facility Based CLEC - Recording of Custom Branded OA A PROCESSING OA Announcement Facility Based CLEC - Recording of Custom Brande			DIDECTORY DELIVERY	· ·					' '
6 GA BRANDING - DIRECTORY ASSISTANCE DA Cuistor Branded Announcement AMT CBADA 3,000.00 3,000.	- 6	GA	DIRECTORY DELIVERY						listing
6 GA BRANDING - DIRECTORY ASSISTANCE 6 GA DIRECTORY ASSISTANCE SERVICES 6 GA BRANDING - DIRECTORY ASSISTANCE SERVICES 6 GA BRANDING - DIRECTORY ASSISTANCE 6 GA BRANDING - DIRECTORY ASSISTANCE 6 GA SERVICE (DASS) 6 GA PROCESSING 6 GA PROCESSING 6 GA OPERATOR CALL PROCESSING 7 OPER CALL PROCESSING 8 GA OPERATOR CALL PROCESSING 8 DIRECTORY ASSISTANCE DATAGRASE 8 DIRECTORY ASSISTANCE DATAGRASE 9 DIRECTORY ASSISTANCE DATAGRASE 1 DIRECTORY ASSISTANCE	6	GΛ	RPANDING - DIPECTORY ASSISTANCE		AMT	CRADA	3 000 00	3 000 00	announcement
6 GA DIRECTORY ASSISTANCE SERVICES Call Directory Assistance (Access Service Calls, Charge Per Call, Mational Directory Assistance (Access Service Calls, Charge Per Call, Mational Directory Assistance (RDA), Charge Per Call, Mational Directory Assistance, (NDA), Charge Per Call, Mational Directory Assistance, (RDA), Charge Per Call, Mational Directory Assistance Call Completion Access Service (DACC), Per Call Attempt, Mational Directory Assistance Call Completion Access Service (DACC), Per Call Attempt, Mational Directory Assistance Call Completion Access Service (DACC), Per Call Attempt, Charge Per Call, Mational Directory Assistance Call Completion Access Service (DACC), Per Call Attempt, Charge Per Call, Mational Directory Assistance Call Completion Access Service (DACC), Per Call Attempt, Charge Per Call, Mational Directory Assistance Call Completion Access Service (DACC), Per Call Attempt, Charge Per Call, Mational Call Call Attempt, Charge Per Call Call Call Call Call Call Call Cal	-	GA	BRANDING - BIRECTORT ASSISTANCE		AWI	CDADA	3,000.00	3,000.00	announcement
6 GA DIRECTORY ASSISTANCE SERVICES Call National Directory Assistance Access Service Call, Charge Per Call, where available where available where available business Category Service (RDA), Charge Per Call, where available where available business Category Service (RDA), Charge Per Call, where available business Category Service (RDA), Charge Per Call, where available business Category Service (RDA), Charge Per Call, where available business Category Service (RDA), Charge Per Call, where available business Category Service (RDA), Charge Per Call, where available business Category Service (RDA), Charge Per Call, Where available business Category Service (RDA), Charge Per Call, Where available business Category Service (RDA), Charge Per Call, Where available business Category Service (RDA), Charge Per Call, Where available business Category Service (RDA), Charge Per Call, Where available business Category Service (RDA), Charge Per Call, Where available business Category Service (RDA), Charge Per Call, Where available business Category Service (RDA), Charge Per Call, Where available business Category Service (RDA), Charge Per Call, Where available Business Category Service (RDA), Charge Per Call, Where available Business Category Service (RDA), Charge Per Call, Announcement Per Shelf/NAV per CCR. 6 GA OPERATOR CALL PROCESSING Usin	6	GA	BRANDING - DIRECTORY ASSISTANCE		AMT	CBADC	1,170.00	1,170.00	per Switch per OCN
National Directory Assistance SERVICES National Directory Assistance, (NDA), Charge Per Call, where available New Years Directory Assistance SERVICES Services National Directory Assistance SERVICES Services National Directory Assistance SERVICES Services National Directory Assistance Service National Directory Assistance Service National Directory Assistance Service National Directory Assistance Call Completion Access Service National Directory Assistance Call Completion Access Service National Directory Assistance Call Completion Access Service National Directory Assistance National Directory Assis							, , , ,	,	
6 GA DIRECTORY ASSISTANCE SERVICES Netwer available Reverse Directory Assistance, (RDA), Charge Per Call, where available subsequent Directory Assistance Service (DACS). Per Call Attempt Directory Assistance Data Service (DACS). Directory Assistance Data Ser	6	GA	DIRECTORY ASSISTANCE SERVICES				0.31		call
Reverse Directory Assistance (RDA), Charge Per Call, where available where available where available where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, Charge Per									
6 GA DIRECTORY ASSISTANCE SERVICES Mere available Business Category Search, (BCS), Charge Per Call, where available Directory Assistance Service Subsequent Color Color Assistance Call Completion Access Service Directory Assistance Directory Assistance Pate Reference Initial Load per State Der CON Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Directory Assistance Pate Reference Subsequent Directory Assistance Directory Assistance Call Cond Directory Assistance Pate Reference Subsequent Directory Assistance Data Data Data Directory Assistance Data Data Data Data Data Data Data Dat	6	GA	DIRECTORY ASSISTANCE SERVICES				0.31		call
Business Category Search, (BCS), Charge Per Call, where available Directory Assistance Services Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Completion Access Service Directory Assistance Call Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Call Call Call Code Per State Per Cond Call Code Per State Per Cond Call Code Per State Per Cond Call Call Call Call Call Call Call Cal	6	GΛ	DIRECTORY ASSISTANCE SERVICES				0.31		call
6 GA DIRECTORY ASSISTANCE SERVICES where available Directory Assistance Call Completion Access Service Directory Assistance Call Call Completion Access Service Directory Assistance Call Completion Access Service Directory Assistance Call Call Completion	0	GA	DIRECTORY ASSISTANCE SERVICES				0.51		Call
Directory Assistance Call Completion Access Service O.10 Call Attempt O.10 O.10 Call Attempt O.10 O	6	GA	DIRECTORY ASSISTANCE SERVICES				0.31		call
Directory Assistance - Rate Reference Initial Load per state per OCN GA BRANDING - DIRECTORY ASSISTANCE state per OCN Directory Assistance - Rate Reference Subsequent state per OCN Directory Assistance - Rate Reference Subsequent state per OCN Directory Assistance Database Service (DADS) state per OCN GA SERVICE (DADS) state DATABASE Load, per listing street per OCN state DATABASE state DATABASE state DATABASE state DATABASE state DATABASE street (DADS) state DATABASE street DATA				Directory Assistance Call Completion Access Service					
6 GA BRANDING - DIRECTORY ASSISTANCE 6 GA BRANDING - DIRECTORY ASSISTANCE DIRECTORY ASSISTANCE DATABASE COMPANY OF STATE OF ST	6	GA	DIRECTORY ASSISTANCE SERVICES				0.10		Call Attempt
Directory Assistance - Rate Reference Subsequent Load per state DCN Load, per listing Load, per listing Load, per listing Directory Assistance Database Service (DADS) Directory Assistance Database Service (DADS) Update, per listing Update, pe									
6 GA BRANDING- DIRECTORY ASSISTANCE Load per state DCN DIRECTORY ASSISTANCE DATABASE Directory Assistance Database Service (DADS)-Initial Load, per listing DIRECTORY ASSISTANCE DATABASE DATABASE DIRECTORY ASSISTANCE DATABASE DIRECTORY ASSISTANCE DATABASE DIRECTORY ASSISTANCE DATABASE DIRECTORY ASSISTANCE DATABASE DATABASE DIRECTORY DATABASE DATABASE DIRECTORY DATABASE DATABASE DATABASE DIRECTORY ASSISTANCE DATABASE DATABASE DATABASE DIRECTORY ASSISTANCE DATABASE DATABAS	6	GA	BRANDING - DIRECTORY ASSISTANCE				5,000.00		per state per OCN
DIRECTORY ASSISTANCE DATABASE Directory Assistance Database Service (DADS)-Initial Load, per listing DIRECTORY ASSISTANCE DATABASE Directory Assistance Database Service (DADS)- DIRECTORY ASSISTANCE DATABASE Directory Assistance Database Service (DADS)- Disting Database Service (DADS	6	GΛ	PRANDING DIRECTORY ASSISTANCE					1 500 00	per etate per OCN
6 GA SERVICE (DADS) Load, per listing DIRECTORY ASSISTANCE DATABASE Directory Assistance Database Service (DADS)- Update, per listing DIRECTORY ASSISTANCE DATABASE Directory Assistance Database Service (DADS)- Update, per listing DIRECTORY ASSISTANCE DATABASE Directory Assistance Database Service (DADS)- BRANDING - OPERATOR CALL Facility based CLEC - Recording of Custom Branded BRANDING - OPERATOR CALL Facility based CLEC - Loading of Custom Branded OA Announcement BRANDING - OPERATOR CALL Facility based CLEC - Loading of Custom Branded OA Announcement BRANDING - OPERATOR CALL Facility Dased CLEC - Loading of Custom Branded OA Announcement Facility Dased CLEC - Loading of Custom Branded OA Announcement BRANDING - OPERATOR CALL Facility Dased CLEC - Loading of Custom Branded OA OPERATOR CALL PROCESSING Using BST LIDB Oper. Call Processing - Oper. Provided, Per Min Oper. Call Processing - Oper. Provided, Per Min Oper. Call Processing - Oper. Provided, Per Min Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - F	0	GA						1,300.00	per state per OCN
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6 GA SERVICE (DADS) Recurring Fee 150.00 BRANDING - OPERATOR CALL Facility based CLEC - Recording of Custom Branded OA AMT CBAOS 7,000.00 7,000.00 announcement BRANDING - OPERATOR CALL Facility based CLEC - Loading of Custom Branded OA Amt CBAOS 7,000.00 500.00 OCN 6 GA PROCESSING Announcement per shelf/NAV per OCN AMT CBAOL 500.00 500.00 OCN 6 GA OPERATOR CALL PROCESSING Using BST LIDB 1.20 Minute 6 GA OPERATOR CALL PROCESSING Using Foreign LIDB 1.24 Minute 6 GA OPERATOR CALL PROCESSING Using BST LIDB 1.24 Minute 6 GA OPERATOR CALL PROCESSING Using BST LIDB 0.20 call 6 GA OPERATOR CALL PROCESSING Using BST LIDB 0.20 call BRANDING - OPERATOR CALL PROCESSING Using Foreign LIDB 0.20 call BRANDING - OPERATOR CALL CALL OPERATOR C	6						0.04		listing
BRANDING - OPÉRATOR CALL PROCESSING DA Announcement De Facility Dased CLEC - Recording of Custom Branded DA Announcement De Facility Dased CLEC - Loading of Custom Branded DA Announcement De Facility Dased CLEC - Loading of Custom Branded DA Announcement De Facility Dased CLEC - Loading of Custom Branded DA Announcement De Facility Dased CLEC - Loading of Custom Branded DA Announcement De Facility Dased CLEC - Loading of Custom Branded DA Announcement De Facility Dased CLEC - Loading of Custom Branded DA DA DE Facility Dased CLEC - Loading of Custom Branded DA Announcement De Facility Dased CLEC - Loading of Custom Branded DA DA DE Facility Dased CLEC - Loading of Custom Branded DA DA DE Facility Dased CLEC - Loading of Custom Branded DA DA DE Facility Dased CLEC - Loading of Custom Branded DA DA DE Facility Dased CLEC - Loading of Custom Branded DA DE Facility Dased CLEC - Loading of Custom Branded DA DE Facility Dased CLEC - Loading of Custom Branded DA DE Facility Dased CLEC - Loading of Custom Branded DA DE Facility Dased CLEC - Loading of Custom Branded DA DE Facility Dased CLEC - Loading of Custom Branded DA DE Facility Dased CLEC - Loading of Custom Branded DA DE Facility Dased CLEC - Loading of Custom Branded DA DE Facility Dased CLEC - Loading of Custom Branded DA DE Facility Dased CLEC - Loading of Custom Branded DA DE Facility Dased CLEC - Loading of Custom Branded DA DE Facility Dased CLEC - Loading OA De Facility Dased CLEC - Loading									
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 Announcement per shelf/NAV per OCN ANNOUNCEMENT PROCESSING Announcement per shelf/NAV per OCN AMT CBAOL 500.00 500.00 OCN OPERATOR CALL PROCESSING Using BST LIDB 1.20 Minute OPERATOR CALL PROCESSING Using Foreign LIDB 1.24 Minute OPERATOR CALL PROCESSING Using Foreign LIDB 1.24 Minute OPERATOR CALL PROCESSING Using BST LIDB 0.20 Call Processing - Fully Automated, per Call - OPERATOR CALL PROCESSING Using Foreign LIDB 0.20 Call Processing - Fully Automated, per Call - OPERATOR CALL PROCESSING Using Foreign LIDB 0.20 Call Processing - Fully Automated, per Call - OPERATOR CALL PROCESSING Using Foreign LIDB 0.20 Call OPERATOR C	6	GA					150.00		
BRANDING - OPERATOR CALL Facility based CLEC - Loading of Custom Branded OA Announcement per shelf/NAV per OCN Oper. Call Processing - Oper. Provided, Per Min Using BST LIDB Oper. Call Processing - Oper. Provided, Per Min Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call	6	GΛ		, o	AMT	CRAOS	7,000,00	7 000 00	announcement
6 GA OPERATOR CALL PROCESSING Using BST LIDB Oper. Call Processing - Oper. Provided, Per Min Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper.	0	GA			AWI	CBAOS	7,000.00	7,000.00	
Oper. Call Processing - Oper. Provided, Per Min Using BST LIDB Oper. Call Processing - Oper. Provided, Per Min Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Oper. Op	6	GA			AMT	CBAOL	500.00	500.00	
Oper. Call Processing - Oper. Provided, Per Min Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Ca		0, 1			7	05/102	555.55	000.00	00.1
6 GA OPERATOR CALL PROCESSING Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call - 6 GA OPERATOR CALL PROCESSING Using BST LIDB O.20 call 6 GA OPERATOR CALL PROCESSING Using BST LIDB Oper. Call Processing - Fully Automated, per Call - 6 GA OPERATOR CALL PROCESSING Using Foreign LIDB O.20 call BRANDING - OPERATOR CALL Operator Services - Rate Reference Initial Load per	6	GA	OPERATOR CALL PROCESSING				1.20		Minute
Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated,									
6 GA OPERATOR CALL PROCESSING Using BST LIDB 0.20 call 6 GA OPERATOR CALL PROCESSING Using Foreign LIDB 0.20 call BRANDING - OPERATOR CALL Operator Services - Rate Reference Initial Load per 0.20 call	6	GA	OPERATOR CALL PROCESSING				1.24		Minute
Oper. Call Processing - Fully Automated, per Call - G GA OPERATOR CALL PROCESSING Using Foreign LIDB 0.20 call BRANDING - OPERATOR CALL Operator Services - Rate Reference Initial Load per		C A	ODEDATOR CALL PROCESSING				0.00		"
6 GA OPERATOR CALL PROCESSING Using Foreign LIDB 0.20 call BRANDING - OPERATOR CALL Operator Services - Rate Reference Initial Load per	ь	GA	OPERATOR CALL PROCESSING				0.20	1	call
BRANDING - OPERATOR CALL Operator Services - Rate Reference Initial Load per	6	GA	OPERATOR CALL PROCESSING				0.20		call
							0.20		Juli
	6		PROCESSING	state per OCN			5,000.00		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
		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	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	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	IL	TRANSPORT AND TERMINATION) DIRECTORY ASSISTANCE SERVICES	per FCC-01-131, per MOU (Effective 7/01/17)	OHU XPU	USG15 OPEN	\$0.00	NA		MOU
6	IL	DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call Directory Assistance National Directory Assistance	XPU	OPEN	\$0.40	NA		per call
6	IL	DIRECTORY ASSISTANCE SERVICES	(NDA), per call	XPU	OPEN	\$0.65	NA		per call
	- 1-	DIRECTORT AGGICTANGE GERVIGEG	Directory Assistance Reverse Directory Assistance	Al C	OI LIV	ψ0.03	14/4		per can
6	IL	DIRECTORY ASSISTANCE SERVICES	(RDA), per call	XPU	OPEN	\$0.65	NA		per call
			Directory Assistance Business Category Search (BCS) /						
6	IL	DIRECTORY ASSISTANCE SERVICES	where applicable, per call	XPU	OPEN	\$0.65	NA		per call
	l	DIDECTORY ACCIONANCE OF DIVINE		Vall	00511	20.45			
6	IL	DIRECTORY ASSISTANCE SERVICES OPERATOR SERVICES/DIRECTORY	Directory Assistance Call Completion (DACC), per call	XPU	OPEN	\$0.15	NA		per call
		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	ps. 55.1			10.	ψ.,σσσ.σσ	\$1,000.00	por orman, por o or r
		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							
0		ASSISTANCE AUTOMATED CALL	Branding-Facility Based-Initial/Subsequent Load -				# 000 00	A14	
6	IL	GREETING OPERATOR SERVICES/DIRECTORY	Branding, per trunk group			NA	\$800.00	NA	
6	IL	ASSISTANCE RATE/REFERENCES OPERATOR SERVICES/DIRECTORY	Rate Reference - Initial Load, per state, per OCN			NA	\$5,000.00		per OCN
6	IL	ASSISTANCE RATE/REFERENCES	Rate Reference - Subsequent Load, per state, per OCN			NA		\$1,500.00	per OCN
		7.00.017.11.02.11.11.27.12.1.21.02.0	Operator Services Fully Automated Call Processing, per					ψ1,000.00	po. 00.1
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 To on	\$0.04	NA NA	per listing
6	IL IL	DIRECTORY ASSISTANCE SERVICES RESALE APPLICABLE DISCOUNTS	DA Listing - per listing for subsequent updates Resale Local Directory Assistance			\$0.06 21.46%	NA	NA	per listing discount
6	IL	RESALE APPLICABLE DISCOUNTS	Resale Local Operator Assistance Services			21.46%	NA NA		discount
6	İL	DIRECTORY ASSISTANCE SERVICES	Resale National Directory Assistance (NDA), per call			\$0.65	NA NA		per call
6	İL	DIRECTORY ASSISTANCE SERVICES	Resale Reverse Directory Assistance (RDA), per call			\$0.65	NA NA		per call
-			Resale Business Category Search (BCS) / where						
6	IL	DIRECTORY ASSISTANCE SERVICES	applicable, per call			\$0.65	NA		per call
			Resale Directory Assistance Call Completion (DACC),						
6	IL	DIRECTORY ASSISTANCE SERVICES	per call			\$0.15	NA		per call
	l	DRANDING DIDECTORY ACCIOTANCE	Resale Directory Assistance Branding - Other -			A14	£4 000 00		
6	IL	BRANDING - DIRECTORY ASSISTANCE	Initial/Subsequent Load, per switch, per OCN Resale Directory Assistance Brand and Reference/Rate			NA	\$1,800.00		per switch, per OCN
6	IL	BRANDING - DIRECTORY ASSISTANCE	Look Up, per call			\$0.03	NA		per OS/DA call
	IL.	DIRECTORY ASSISTANCE CUSTOMER	Resale Directory Assistance Rate Reference - Initial			ψ0.03	INA		por Oorbit dall
6	IL	BRANDING ANNOUNCEMENT	Load, per state, per OCN			NA	\$5,000.00		per OCN
-		DIRECTORY ASSISTANCE CUSTOMER	Resale Directory Assistance Rate Reference -				. ,		
6	IL	BRANDING ANNOUNCEMENT	Subsequent Load, per state, per OCN			NA		\$1,500.00	per OCN
6	IL	DIRECTORY LISTING PRODUCT	White Page Directory Listings				NA	NA	per listing
6	IL	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings				NA	NA	per listing

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Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring Zone Charge (MRC)		Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	IN	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	OHU	USG15	0.0007			MOU
2MR-AT	IN	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)	OHU	USG15	\$0.00			MOU
2MR-AT	IN	Transit Traffic Service	Tandem Switching	OHU	USG23	\$0.004388	NA	NA	per minute of use
2MR-AT	IN	Transit Traffic Service	Tandem Termination	OHU	USG20	\$0.000095	NA	NA	per minute of use
2MR-AT	IN	Transit Traffic Service	Tandem Facility - per mile	OHU	USG21	\$0.000056	NA	NA	per minute of use, per mile
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN	\$ 0.40	NA	NA	per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call	XPU	OPEN	\$ 0.65			per call
6	IN	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call	XPU	OPEN	\$ 0.65	NA	NA	per call
6	IN	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) / where applicable, per call	XPU	OPEN	\$ 0.65	NA	NA	per call
6	IN	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC), per call	XPU	OPEN	\$ 0.15	NA	NA	per call
6		OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Other - Initial/Subsequent Load, per switch, per OCN	AL C	OI LIV	Ψ 0.10	\$ 1,800.00		per OCN
6	IN	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING OPERATOR SERVICES/DIRECTORY	Brand and Reference/Rate Look Up, per OS/DA call	XPU	OPEN	\$ 0.03	NA	NA	per OS/DA call
6		ASSISTANCE AUTOMATED CALL GREETING	Branding per Trunk Group			NA	\$800.00		
6	IN	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES OPERATOR SERVICES/DIRECTORY	Directory Assistance Rate Reference - Initial Load, per state, per OCN Directory Assistance Rate Reference - Subsequent			NA	\$ 5,000.00	NA	per state, per OCN
6	IN	ASSISTANCE RATE/REFERENCES	Load, per state, per OCN			NA NA	\$ 1.500.00	\$ 1.500.00	per state, per OCN
6		OPERATOR CALL PROCESSING	Fully Automated Call Processing, per call	XPU	OPEN	\$ 0.15		\$ 1,500.00 NA	per state, per OCN
6		OPERATOR CALL PROCESSING	Operator Assisted Call Processing All Types, per work second	XPU	OPEN	\$ 0.03		NA NA	per can
6		DA LISTINGS	- per listing for initial load	, C	J. 2	WA NA		NA NA	per listing
6	IN	DA LISTINGS	- per listing for subsequent updates			\$ 0.060		NA	per listing
6	IN	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
6	IN	DIRECTORY LISTING PRODUCT	Ancillary Message Billing Compensationm (Per Message)			\$0.03			

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	KS	TRANSPORT AND TERMINATION LOCAL INTERCONNECTION (CALL	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	NA	NA	MOU
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
2MR-AT	KS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION	Optional EAS Transport and Termination per MOU (Effective 7/1/2017)		ZZUR2		\$0.00	NA	NA	MOU
2MR-AT	KS	Transit Traffic Service	Transit Rate (Zone 1 - Rural)		ZZUTN	1	\$0.001027	NA NA	NA NA	per minute of use
2MR-AT	KS	Transit Traffic Service	Transit Rate (Zone 2 - Suburban)		ZZUTN	2	\$0.001027	NA NA	NA NA	per minute of use
2MR-AT	KS	Transit Traffic Service	Transit Rate (Zone 2 - Suburbari) Transit Rate (Zone 3 - Metro)		ZZUTN	3	\$0.000981	NA NA	NA NA	per minute of use
2IVIR-AT	KS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3	3	\$ 0.40	NA NA	NA NA	per minute of use
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - Credit		ZZUO4		\$ 0.40	NA NA	NA NA	per call
-	110	DIRECTOR ACCIONATOR CERTIFICA	Directory Accidence (DA) per can create		22001		Ψ 0.10	101	100	por odn
6		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	
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) - Credit		ZZUO6		\$ 0.65		NA	
6		DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS)		ZZUOB ZZUO8		\$ 0.65 \$ 0.65	NA NA	NA NA	
6		DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) Reverse Directory Assistance (RDA) - Credit		ZZU08 ZZU09		\$ 0.65 \$ 0.65	NA NA	NA NA	
6		DIRECTORY LISTING PRODUCT	White Page Directory Listings		22009		ψ 0.05	NA NA	NA NA	
6		DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA NA	NA NA	
			Directory Assistance - Branding - Initial/Subsequent							
6	KS	DIRECTORY ASSISTANCE - BRANDING	Load per switch, per OCN		NRBDG		NA	\$ 1,800.00	\$ 1,800.00	per switch, per OCN
	140	DIDECTORY ASSISTANCE OF AMERICA	D		771100					
6	KS	DIRECTORY ASSISTANCE - BRANDING DIRECTORY ASSISTANCE - RATE	Directory Assistance - Branding Per call Directory Assistance - Rate Reference Initial Load per		ZZUCB		\$ 0.030	NA	NA	per call
6	KS	REFERENCE	state, per OCN		NRBDL		NA	\$ 5.000.00	NΙΛ	per state, per OCN
0	INO.	DIRECTORY ASSISTANCE - RATE	Directory Assistance - Rate Reference - Subsequent		NINDDL		INA	ψ 3,000.00	INA	per state, per OCIV
6	KS	REFERENCE	Load per state, per OCN		NRBDM		NA	\$ 1,500.00	NA	per state, per OCN
			Directory Assistance Listings (DAL)-Initial Load, per							,,
6	KS	DIRECTORY ASSISTANCE LISTINGS	listing				\$ 0.0585	NA	NA	per listing
6	1/0	DIRECTORY ASSISTANCE LISTINGS	Director: Assistance Listings (DAL) Hadets and listing				\$ 0.0585	NA	NIA	!!!
ь	KS	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Update, per listing Directory Assistance Listings (DAL)-Non-Pub				\$ 0.0585	NA.	NA	per listing
6	KS	DIRECTORY ASSISTANCE LISTINGS	Emergency Message Service				\$ 2.60	NA	NA	per listing
		DINESTON /NOSIGN/NOSE EIGHNOS	Operated Services - Fully Automated Call Processing				Ų 2.00			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
_	VC.	ODEDATOR SERVICES - DRANDING	Operator Services - Branding - Initial/Subsequent Load		NDDDO		N14	¢ 1000.00	¢ 1000.00	nor quitab === OCM
6		OPERATOR SERVICES - BRANDING OPERATOR SERVICES - BRANDING	per switch, per OCN Operator Services - Branding Per call		NRBDG ZZUCB		NA \$ 0.030	\$ 1,800.00 NA	\$ 1,800.00 NA	per switch, per OCN per call
0	110	OPERATOR SERVICES - BRANDING OPERATOR SERVICES - RATE	Operator Services - Rate Reference Initial Load per		22000		ψ 0.030	INA	INA	per can
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

Directory Assistance - Rate Reference Subsequent Load per state per OCN Directory Assistance Database Service (DADS) Load per state per OCN Directory Assistance Database Service (DADS) Load, per listing Directory Assistance Database Service (DADS) Load, per listing Directory Assistance Database Service (DADS) Directory Assistance Database Service (DADS)-Monthly Recurring Fee Directory Assistance Database Service (DADS)-Monthly Does Database Service (DADS)-Monthly Does Database Service (DADS)-Monthly Does Database Service (DADS)-Monthly Does Database Service (DADS)-Monthly Does Database Service (DADS)-Monthly Does Database Service (DADS)-Monthly Does Database Service (DADS)-Monthly Does Database Service (DADS)-Monthly Does Database Service (DADS)-Monthly Does Database Derivation Does Database Service (DADS)-Monthly Does Database Derivation Does Database Service (DADS)-Monthly Does Database Derivation Does Database Derivation	_					T.		T	
2MR-AT K	Attachment	State	Product	Rate Element Description	COS (Class of Service)	usoc	Monthly Recurring Recurring Charge (NRC)	Recurring Charge (NRC)	Per Unit
2MR-AT K			LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as					
MOCHANIA K. CARACTER PROPERTION (CALL Rate for all SIP-Educina and Section 251 (19)(5) Traffo as por PCCQ-11-131 D. D. D. D. D. D. D. D	2MR-AT	KY					0.0007		MOU
2MR-AT KY TRANSPORT AND TERMINATION per FCCQ-11-31 per MOU (Effective 70/11-7) 0.00095 MILEMOU	2111111111			Rate for all ISP-Bound and Section 251(b)(5) Traffic as			5.555.		
DOCAL INTERCONNECTION CALL TRANSPORT AND TEMMANTION TRANSPORT AND TEMMATTAIN TRANSPORT AND TEM	2MR-AT	KY	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/01/17)			0.00bk		MOU
MRRAT W TRANSPORT AND TEMMATON TRANSPORT			LOCAL INTERCONNECTION (CALL						
MR.AT KY TRANSPORT AND TERMINATION	2MR-AT	KY					0.000003		MILE/MOU
MR-AT V									
2MR-AT Y TRANSPORT AND TERMINATION (Effective through 630/18) 0.0004 MOU	2MR-AT	KY					0.00bk		MILE/MOU
Decent D									
2MR-AT Y Transit Traffic Service Local Intermediacy Charge, composite, per MOU Each subscriber will residue one (1) copy per primary Charge Ch	2MR-AT	KY					0.0007466		MOU
AMAT KY Transit Traffic Service Local Intermediary Charge, composite, per MOU Local Intermediary Charge Local Intermediary Charge, Local Intermediary Assistance Charge Local Intermediary Charge Local Intermediary Assistance Charge Local Intermediary Charge Local Intermediary Charge Local Intermediary Charge Local Intermediary Charge Local Intermediary Charge Local Intermediary Charge Local Intermediary Charge Local Intermediary Charg	OMD AT	I/V					0.00bk		MOLL
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End User listing of ATET White Pages directory in the same manner and at the same time that they are delivered to ATET's subscribers during the annual delivery of newly published directories. 6 KY BRANDING - DIRECTORY ASSISTANCE DA Custom Branded Announcement of the State of t	ZIVIK-AT	Νī	Transit Traine Service				0.002		IVIOU
Facility Based CLEC - Recording and Provisioning of Location Branded Amouncement AMT	6	KY	DIRECTORY DELIVERY	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					
Facility Based CLEC - Loading of Custom Branded KY DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE DATABASE DIRECTORY ASSISTANCE DATABASE DIRECTORY ASSISTANCE DATABASE DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABASE Load per state per OCN DIRECTORY ASSISTANCE DATABAS									· ·
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Directory Assistance Services Directory Assistance Access Service Calls, Charge Per Call, where available Sample Per Call, where available Directory Assistance (ROA), Charge Per Call, Directory Assistance (ROA), Per Min. Directory Assistance (
6 KY DIRECTORY ASSISTANCE SERVICES Mational Directory Assistance, (NDA), Charge Per Call, where available wher	6	KY	BRANDING - DIRECTORY ASSISTANCE		AMT	CBADC	1,170.00	1,170.00	per Switch per OCN
National Directory ASSISTANCE SERVICES where available Reverse Directory Assistance, (RDA), Charge Per Call, where available Reverse Directory Assistance, (RDA), Charge Per Call, where available Reverse Directory Assistance, (RDA), Charge Per Call, where available Reverse Directory Assistance, (RDA), Charge Per Call, where available Business Category Search, (BCS), Charge Per Call, where available Directory Assistance Services Reverse Directory Assistance, (RDA), Charge Per Call, where available Directory Assistance Services Directory Assistance Services Reverse Directory Assistance Call Completion Access Service (DACC), Per Call Attempt Directory Assistance Services Directory Assistance Services Directory Assistance Services Directory Assistance Services Directory Assistance Database Directory Assistance				, ,					
Column C	6	KY	DIRECTORY ASSISTANCE SERVICES				0.31		call
Reverse Directory Assistance, (RDA), Charge Per Call, where available Business Category Search, (BCS), Charge Per Call, where available Business Category Search, (BCS), Charge Per Call, where available Business Category Search, (BCS), Charge Per Call, where available Business Category Search, (BCS), Charge Per Call, where available Business Category Search, (BCS), Charge Per Call, where available Business Category Search, (BCS), Charge Per Call, Business Category Search, (BCS), Charge Per Call, Acceptable Business Category Search, (BCS), Charge Per Call, Acceptable Business Category Search, (BCS), Charge Per Call, Business Category Search	6	I/V	DIRECTORY ASSISTANCE SERVICES	, , , ,			0.24		aall
6 KY DIRECTORY ASSISTANCE SERVICES Business Category Search, (BCS), Charge Per Call, where available business Category Search, (BCS), Charge Per Call, where available call Completion Access Service (DACC), Per Call Attempt Directory Assistance Services (DACC), Per Call Attempt Directory Assistance - Rate Reference Initial Load per state per CON Directory Assistance - Rate Reference Initial Load per State per CON DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE SERVICES DIRECTORY ASSISTANCE DATABASE DIRECTORY	В	Νī	DIRECTORT ASSISTANCE SERVICES				0.31		Call
Business Category Search, (BCS), Charge Per Call, where available where a process Service (DADS)-where a p	6	KY	DIRECTORY ASSISTANCE SERVICES				0.31		call
here available Directory Assistance Services Directory Assistance Call Completion Access Service (DACC). Per Call Attempt Directory Assistance Call Completion Access Service (DACC). Per Call Attempt Directory Assistance Call Completion Access Service (DACC). Per Call Attempt Directory Assistance Call Completion Access Service (DACC). Per Call Attempt Directory Assistance Call Completion Access Service (DACC). Per Call Attempt Directory Assistance Call Completion Access Service (DACC). Per Call Attempt Directory Assistance Call Completion Access Service (DACC). Per Call Processing Directory Assistance Call Completion Access Service (DACC). Per Call Processing Directory Assistance Call Completion Access Service (DACC). Per Call Processing Directory Assistance Call Completion Access Service (DACC). Per Call Processing Directory Assistance Call Completion Access Service (DACC). Per Call Processing Directory Assistance Call Completion Access Service (DACC). Per Call Processing Directory Assistance Call Completion Access Service (DACC). Per Call Processing Directory Assistance Call Completion Access Service (DACC). Per Call Processing Directory Assistance Call Completion Access Service (DACC). Per Call Processing Directory Assistance Call Completion Access Service (DACC). Per Call Processing Directory Assistance Call Completion Access Service (DACC). Per State per CoCN AMT CBAOS 7,000.00 7,000.00 Per Shelf/NAV per Call Processing Dept Call Processing Dept Provided, Per Min. Directory Assistance Call Call Processing Dept Call Processing Dept Provided, Per Min. Directory Assistance Call Call Processing Dept Call Processing Pully Automated, per Call Dept Call Processing Dept Call Processing Pully Automated, per Call Dept Call Processing Call Dept Call Processing Pully Automated, per Call Dept Call Processing Pully Automated, per Call Dept Call Processing Pully Automated, per Call Dept Call Processing Pully Automated, per Call Dept Call Processing Pully Automated, per Call Dept Call Processing Pully Automated Dept Call D			5.11.20.011.7100.017.1102.02.111102.0				0.0.1		ou.i
Directory Assistance Call Completion Access Service Directory Assistance Call Completion Access Service Directory Assistance Directory Assistance Directory Assistance Directory Assistance State per OCN Directory Assistance State per O	6	KY	DIRECTORY ASSISTANCE SERVICES				0.31		call
birectory Assistance Rate Reference Initial Load per state per OCN									
6 KY DIRECTORY ASSISTANCE SERVICES Comparison of Compar	6	KY	DIRECTORY ASSISTANCE SERVICES				0.10		Call Attempt
Directory Assistance - Rate Reference Subsequent Directory Assistance State per OCN Directory Assistance Database Dire									
6 KY DIRECTORY ASSISTANCE SERVICES Lad per state per CCN DIRECTORY ASSISTANCE DATABASE SERVICE (DADS) DIRECTORY ASSISTANCE DATABASE DATABASE DIRECTORY ASSISTANCE DATABASE DAT	6	KY	DIRECTORY ASSISTANCE SERVICES				5,000.00		per state per OCN
DIRECTORY ASSISTANCE DATABASE Directory Assistance Database Service (DADS)-Initial DIRECTORY ASSISTANCE DATABASE Directory Assistance Database Service (DADS)-Monthly DIRECTORY ASSISTANCE DATABASE Directory Assistance Database Service (DADS)-Monthly Directory Assistance Database Service (DADS)-Monthly DIRECTORY ASSISTANCE DATABASE Directory Assistance Database Service (DADS)-Monthly Distable Service (DADS)-Month									
6 KY SERVICE (DADS) Load, per listing DIRECTORY ASSISTANCE DATABASE DATABASE DATABASE DATABASE DIRECTORY ASSISTANCE DATABASE DATA	6							1,500.00	per state per OCN
DIRECTORY ASSISTANCE DATABASE Directory Assistance Database Service (DADS)-Monthly Recurring Fee BRANDING - OPERATOR CALL Facility based CLEC - Recording of Custom Branded AMT CBAOS 7,000.00 7,000.00 announcement AMT CBAOS				, , ,			0.04		liation.
6 KY SERVICE (DADS) Recurring Fee BRANDING - OPERATOR CALL Facility based CLEC - Recording of Custom Branded KY PROCESSING BRANDING - OPERATOR CALL BRANDING - OPERATOR CALL Facility based CLEC - Loading of Custom Branded OA Announcement AMT CBAOS 7,000.00 7,000.00 Announcement Per shelf/NAV per OCN Announcement per shelf/NAV per OCN Announcement per shelf/NAV per OCN Announcement per shelf/NAV per OCN ANT CBAOL 6 KY OPERATOR CALL PROCESSING Using BST LIDB Oper. Call Processing - Oper. Provided, Per Min Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Operator Services - Rate Reference Initial Load per state per OCN Operator Services - Rate Reference Subsequent Load	ь						0.04		listing
BRANDING - OPÉRATOR CALL PROCESSING DA Announcement Der shelf/NAV per OCN AMT CBAOS 7,000.00 7,000.00 announcement Der shelf/NAV per OCN AMT CBAOL 500.00 500.00 OCN Der. Call Processing - Oper. Call Processing - Oper. Provided, Per Min Using BST LIDB Der. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Operator Services - Rate Reference Initial Load per State per OCN Operator Services - Rate Reference Subsequent Load	6						150.00		
6 KY PROCESSING OA Announcement AMT CBAOS 7,000.00 7,000.00 announcement BRANDING - OPERATOR CALL Facility based CLEC - Loading of Custom Branded OA Announcement per shelf/NAV per OCN AMT CBAOL 500.00 500.00 OCN OPERATOR CALL PROCESSING Oper. Call Processing - Oper. Provided, Per Min Using BST LIDB Oper. Call Processing - Oper. Provided, Per Min Using Foreign LIDB 1.24 minute Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper. Call Processing - Fully Automated, per Call - Oper.	-						100.00		
6 KY PROCESSING Announcement per shelf/NAV per OCN AMT CBAOL 500.00 500.00 OCN Oper. Call Processing - Oper. Provided, Per Min Using BST LIDB 1.20 minute Oper. Call Processing - Oper. Provided, Per Min Using BST LIDB 1.20 minute Oper. Call Processing - Oper. Provided, Per Min Using Foreign LIDB 1.24 minute Oper. Call Processing - Fully Automated, per Call - Oper. Call Pr	6				AMT	CBAOS	7,000.00	7,000.00	announcement
Oper. Call Processing - Oper. Provided, Per Min Using BST LIDB Oper. Call Processing - Oper. Provided, Per Min Using BST LIDB Oper. Call Processing - Oper. Provided, Per Min Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call - Oper. Ca			BRANDING - OPERATOR CALL	Facility based CLEC - Loading of Custom Branded OA				,	per shelf/NAV per
6 KY OPERATOR CALL PROCESSING Using BST LIDB Oper. Call Processing - Oper. Provided, Per Min 6 KY OPERATOR CALL PROCESSING Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call - 6 KY OPERATOR CALL PROCESSING Using BST LIDB O.20 call 6 KY OPERATOR CALL PROCESSING Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB O.20 call Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB O.20 call Operator Services - Rate Reference Initial Load per state per OCN Operator Services - Rate Reference Subsequent Load	6	KY	PROCESSING	Announcement per shelf/NAV per OCN	AMT	CBAOL	500.00	500.00	OCN
Oper. Call Processing - Oper. Provided, Per Min Using Foreign LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB Operator Services - Rate Reference Initial Load per state per OCN Operator Services - Rate Reference Subsequent Load Operator Services - Rate Reference Subsequent Load									
6 KY OPERATOR CALL PROCESSING Using Foreign LIDB 1.24 minute Oper. Call Processing - Fully Automated, per Call - Using BST LIDB 0.20 call Oper. Call Processing - Fully Automated, per Call - Using BST LIDB 0.20 call Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB 0.20 call Operator Services - Rate Reference Initial Load per State per OCN Operator Services - Rate Reference Subsequent Load	6	KY	OPERATOR CALL PROCESSING				1.20		minute
Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using BST LIDB Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB Operator Services - Rate Reference Initial Load per State per OCN Operator Services - Rate Reference Subsequent Load Operator Services - Rate Reference Subsequent Load		101	000000000000000000000000000000000000000				101		
6 KY OPERATOR CALL PROCESSING Using BST LIDB Oper. Call Processing - Fully Automated, per Call - 6 KY OPERATOR CALL PROCESSING Using Foreign LIDB Operator Services - Rate Reference Initial Load per 6 KY OPERATOR CALL PROCESSING State per OCN Operator Services - Rate Reference Subsequent Load Operator Services - Rate Reference Subsequent Load	6	KY	UPERATOR CALL PROCESSING				1.24		minute
Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB Operator Services - Rate Reference Initial Load per state per OCN Operator Services - Rate Reference Subsequent Load Operator Services - Rate Reference Subsequent Load	6	KV	ODEDATOR CALL PROCESSING				0.20		ocil
6 KY OPERATOR CALL PROCESSING Using Foreign LIDB 0.20 call Operator Services - Rate Reference Initial Load per state per OCN Operator Services - Rate Reference Subsequent Load Operator Services - Rate Reference Subsequent Load Operator Services - Rate Reference Subsequent Load	О	Νĭ	OFENATOR CALL PROCESSING				0.20		Udli
Operator Services - Rate Reference Initial Load per 6 KY OPERATOR CALL PROCESSING state per OCN Operator Services - Rate Reference Subsequent Load Operator Services - Rate Reference Subsequent Load	6	KY	OPERATOR CALL PROCESSING				0.20		call
6 KY OPERATOR CALL PROCESSING state per OCN 5,000.00 per state per OCN Operator Services - Rate Reference Subsequent Load		13.1	OF ETATION OALL I NOOLOOMO				0.20		Odii
Operator Services - Rate Reference Subsequent Load	6	KY	OPERATOR CALL PROCESSING				5,000.00		per state per OCN
6 KY OPERATOR CALL PROCESSING per state per OCN 1,500.00 per state per OCN	-								, , , , , , , , , , , , , , , , , , , ,
	6	KY	OPERATOR CALL PROCESSING	per state per OCN				1,500.00	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	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						
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						
2MR-AT	LA	TRANSPORT AND TERMINATION)	(Effective through 6/30/18)				0.0003748		MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU						
2MR-AT	LA	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	LA	DIRECTORY DELIVERY	delivery of newly published directories.						listing
		DRANIDING BIDECTORY ACCIONANCE	Facility Based CLEC - Recording and Provisioning of	***	00404				
6	LA	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement Facility Based CLEC - Loading of Custom Branded	AMT	CBADA			3,000.00	3,000.00 announcement
6	LA	DRANDING DIDECTORY ACCICTANCE	Announcement per Switch per OCN	AMT	CBADC			1.170.00	4 470 00 Cuitab OCN
ь	LA	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance Access Service Calls, Charge Per	AIVII	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,				0.51		Call
6	LA	DIRECTORY ASSISTANCE SERVICES	where available				0.31		call
		DIRECTOR FROM THE CENTRES	Reverse Directory Assistance, (RDA), Charge Per Call,				0.01		- 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
			Directory Assistance - Rate Reference Initial Load per						· ·
6	LA	DIRECTORY ASSISTANCE SERVICES	state per OCN					5,000.00	per state per OCN
			Directory Assistance - Rate Reference Subsequent						
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						
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				450.00		
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
0	LA	BRANDING - OPERATOR CALL	Facility based CLEC - Loading of Custom Branded OA	Alvii	CBAUS			7,000.00	per shelf/NAV per
6	LA	PROCESSING	Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00 OCN
0	LA	BRANDING - OPERATOR CALL	Operator Services - Rate Reference Initial Load per	AIVII	CBACL			300.00	300.00
6	LA	PROCESSING	state per OCN					5,000.00	per state per OCN
		BRANDING - OPERATOR CALL	Operator Services - Rate Reference Subsequent Load					0,000.00	per state per cert
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
			Oper. Call Processing - Oper. Provided, Per Min						
6	LA	OPERATOR CALL PROCESSING	Using Foreign LIDB				1.24		Minute
			Oper. Call Processing - Fully Automated, per Call -						
6	LA	OPERATOR CALL PROCESSING	Using BST LIDB				0.20		call

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
			Oper. Call Processing - Fully Automated, per Call -	,				
6	LA	OPERATOR CALL PROCESSING	Using Foreign LIDB			0.20		call

		T					1	1		
								Non-	Non-	
							Monthly	Recurring	Recurring	
							Recurring	Charge (NRC)	Charge (NRC)	
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Charge (MRC)	First	Additional	Per Unit
		LOCAL INTERCONNECTION (OAL)	D . (
		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT	MI	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective Through 6/30/17)	OHU	USG14		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	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		\$ 0.65			per call
6	MI	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (RDA), per call	XPU	OPEN		\$ 0.65	NA		per call
			Business Category Search (BCS) where applicable, per							
6	MI	DIRECTORY ASSISTANCE SERVICES	call	XPU	OPEN		\$ 0.65	NA		per call
0		DIDECTORY ACCIOTANCE OFFICE	Discrete Assistance Call Consulation (DACC)	VDII	OPEN		Φ 0.45	NA		
6	MI	DIRECTORY ASSISTANCE SERVICES OPERATOR SERVICES/DIRECTORY	Directory Assistance Call Completion (DACC), per call	XPU	OPEN		\$ 0.15	NA		per call
			Disease Assistance Bosselline Other							
_		ASSISTANCE AUTOMATED CALL	Directory Assistance Branding - Other -							
6	MI	GREETING	Initial/Subsequent Load, per switch, per OCN					\$ 1,800.00	\$ 1,800.00	per switch, per OCN
		OPERATOR SERVICES/DIRECTORY								
		ASSISTANCE AUTOMATED CALL	Directory Assistance branding and Reference/Rate Look							
6		GREETING	Up, per call	XPU	OPEN		\$ 0.03		NA	per OS/DA call
		OPERATOR SERVICES/DIRECTORY								
		ASSISTANCE AUTOMATED CALL								
6		GREETING	Branding, per trunk group					\$800.00	\$800.00	
		OPERATOR SERVICES/DIRECTORY	Directory Assistance Rate Reference - Initial Load, per							
6		ASSISTANCE RATE/REFERENCES	state, per OCN					\$ 5,000.00		per state, per OCN
		OPERATOR SERVICES/DIRECTORY	Directory Assistance Rate Reference - Subsequent							
6		ASSISTANCE RATE/REFERENCES	Load, per state, per OCN					NA		per state, per OCN
6	MI	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	MI	OPERATOR CALL PROCESSING	work second	XPU	OPEN		\$ 0.03	NA	NA	per work second
6	MI	DIRECTORY ASSISTANCE SERVICES	- per listing for initial load					\$ 0.040	NA	per listing
6	MI	DIRECTORY ASSISTANCE SERVICES	- per listing for subsequent updates				\$ 0.060	NA	NA	per listing
6	MI	DIRECTORY LISTING PRODUCT	White Page Directory Listings					NA	NA	per listing
6	MI	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA	NA	per listing

								Non-	Non-	
							Monthly	Recurring	Recurring	
							Recurring	Charge (NRC)	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	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	MO	TRANSPORT AND TERMINATION)	per FCC 01-131, per MOU (Effective 7/01/17)		ZZUR2		\$0.00	NA	NA	MOU
			Transit Rate per Minute of Use - Zone 1 (Urban, STL,							
2MR-AT	MO	TRANSIT TRAFFIC SERVICE	KS)		ZZUTN		\$0.001712	NA	NA	MOU
2MR-AT	MO	TRANSIT TRAFFIC SERVICE	Transit Rate per Minute of Use - Zone 2 (Suburban)		ZZUTN		\$0.001844	NA	NA	MOU
2MR-AT	MO	TRANSIT TRAFFIC SERVICE	Transit Rate per Minute of Use - Zone 3 (Rural)		ZZUTN		\$0.001918	NA	NA	MOU
			Transit Rate per Minute of Use - Zone 4 (Urban							
2MR-AT	MO	TRANSIT TRAFFIC SERVICE	Springfield)		ZZUTN		\$0.001679	NA	NA	MOU
2MR-AT	MO	TRANSIT TRAFFIC SERVICE	Transit Rate per Minute of Use - Zone Interzone		ZZUTN		\$0.001863	NA	NA	MOU
6	MO	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		\$0.40	NA	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	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call		ZZUO5		\$0.65	NA	NA	per call
6	MO	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	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call		ZZUO8		\$0.65	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call - credit		ZZUO9		\$0.65	NA	NA	per call
			Directory Assistance - Branding - Initial/Subsequent							
6	MO	DIRECTORY ASSISTANCE - BRANDING	Load, per switch, per OCN		NRBDG		NA	\$1,800.00	\$1,800.00	per switch, per OCN
6	MO	DIRECTORY ASSISTANCE - BRANDING	Directory Assistance - Branding Per call		ZZUCB		\$0.03	NA	NA	per call
		DIRECTORY ASSISTANCE - RATE	Directory Assistance - Rate Reference Initial Load, per							
6	MO	REFERENCE	state, per OCN		NRBDL		NA	\$5,000.00	NA	per state, per OCN
		DIRECTORY ASSISTANCE - RATE	Directory Assistance - Rate Reference Subsequent							
6	MO	REFERENCE	Load per state, per OCN		NRBDM		NA	\$1,500.00	NA	per state, per OCN
			Directory Assistance Listings (DAL)-Initial Load, per							
6	MO	DIRECTORY ASSISTANCE LISTINGS	listing				\$0.0585	NA	NA	per listing
6	MO	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Update, per listing				\$0.0585	NA	NA	per listing
			Directory Assistance Listings (DAL)-Non-Pub							
6	MO	DIRECTORY ASSISTANCE LISTINGS	Emergency Message Service				\$2.10	NA	NA	per listing
			Operated Services - Fully Automated Call Processing							per completed
6	MO	OPERATOR CALL PROCESSING	(Per completed automated call)		ZZUO1		\$0.15	NA	NA	automated call
			Operator Assisted Call Processing All Types per work							
6	MO	OPERATOR CALL PROCESSING	second		ZZUO2		\$0.03	NA	NA	per work second
			Operator Services - Branding Initial/Subsequent Load,							
6		OPERATOR SERVICES - BRANDING	per switch, per OCN		NRBDG		NA 20.00	\$1,800.00		per switch, per OCN
6	MO	OPERATOR SERVICES - BRANDING	Operator Services - Branding Per call		ZZUCB		\$0.03	NA	NA	per call
		OPERATOR SERVICES - RATE	Operator Services - Rate Reference - Initial Load, per		NDDD			A = 005		D
6	MO	REFERENCE	state, per OCN		NRBDL		NA	\$5,000.00	NA	Per state, per OCN
		OPERATOR SERVICES - RATE	Operator Services - Rate Reference - Subsequent Load,					04 505		D
6	MO	REFERENCE	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 evitori 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	Zone	Monthly Recurring Charge (MRC)	,	Non- Recurring Charge (NRC) Additional	Per Unit
0140 47		LOCAL INTERCONNECTION (CALL	Rate for all ISP-Bound and Section 251(b)(5) Traffic as							
2MR-AT	NC	TRANSPORT AND TERMINATION) LOCAL INTERCONNECTION (CALL	per FCC-01-131, per MOU (Effective Through 6/30/17) Rate for all ISP-Bound and Section 251(b)(5) Traffic as				0.0007			MOU
2MR-AT	NC	TRANSPORT AND TERMINATION)	per FCC-01-131, per MOU (Effective 7/1/17)				0.00bk			MOU
ZIVIIX-AT	INC	LOCAL INTERCONNECTION (CALL	Common Transport - Per Mile, Per MOU (Effective				0.00bk			IVIOO
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)	(Effective through 6/30/18)				0.0001676			MOU
		LOCAL INTERCONNECTION (CALL	Common Transport - Facilities Termination Per MOU							
2MR-AT		TRANSPORT AND TERMINATION)	(Effective 7/1/2018)				0.00bk			MOU
2MR-AT	NC	TRANSIT TRAFFIC SERVICE	Local Intermediary Charge, composite, per MOU Each subscriber will receive one (1) copy per primary				0.002			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	NC	DIRECTORY DELIVERY	delivery of newly published directories.							listing
-			Facility Based CLEC - Recording and Provisioning of							- · J
6	NC	BRANDING - DIRECTORY ASSISTANCE	DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
			Facility Based CLEC - Loading of Custom Branded							
6	NC	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	NC	DIRECTORY ASSISTANCE SERVICES	Call				0.31			call
6	NC	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call Attempt				0.10			Call Attempt
0	INC	DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per				0.10			Call Attempt
6	NC	DIRECTORY ASSISTANCE SERVICES	state per OCN					5.000.00		per state per OCN
			Directory Assistance - Rate Reference Subsequent					0,000.00		por otato por o o r
6	NC	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	NC	SERVICE (DADS)	Load, per listing					0.04		listing
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-							
6	NC	SERVICE (DADS)	Update, per listing				0.04			listing
		DIRECTORY ASSISTANCE DATABASE	Directory Assistance Database Service (DADS)-Monthly				450.00			
6	NC	SERVICE (DADS) BRANDING - OPERATOR CALL	Recurring Fee Facility based CLEC - Recording of Custom Branded				150.00			
6	NC	PROCESSING	OA Announcement	AMT	CBAOS			7.000.00	7.000.00	announcement
0	INC	BRANDING - OPERATOR CALL	Facility based CLEC - Loading of Custom Branded OA	VIAI I	CDACO			7,000.00	7,000.00	per shelf/NAV per
6	NC	PROCESSING	Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	OCN
-			Oper. Call Processing - Oper. Provided, Per Min	**				222.00	223.30	
6	NC	OPERATOR CALL PROCESSING	Using BST LIDB				1.20			minute
			Oper. Call Processing - Oper. Provided, Per Min							
6	NC	OPERATOR CALL PROCESSING	Using Foreign LIDB				1.24			minute
		00504700 0444 0000500445	Oper. Call Processing - Fully Automated, per Call -							
6	NC	OPERATOR CALL PROCESSING	Using BST LIDB				0.20			call
6	NC	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			call
ь	INC	OFENATUR CALL PROCESSING	Operator Services - Rate Reference Initial Load per				0.20			Call
6	NC	OPERATOR CALL PROCESSING	state per OCN					5.000.00		per state per OCN
	140	OF ETUTION OFFEET NOOFFORMS	Operator Services - Rate Reference Subsequent Load					5,000.00		por state per con
6	NC	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)	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
ZIVIN-AT	INV	LOCAL INTERCONNECTION (CALL	Rate for All Traffic ISP-Bound and 251(b)(5) Traffic as		GOC00	\$ 0.0007		IVIOU
2MR-AT	NV	TRANSPORT AND TERMINATION)	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 Directory Assistance Listing Services - per listing for			0.15 NA	,	call
6	NV	DIRECTORY ASSISTANCE LISTINGS	Initial load			\$ 0.086615		per listing
6	NV	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listing Services - per listing for subsequent updates			\$ 0.086615 NA	ı.	per listing
6	NV	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listing Services - Lata-Wide Call 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	Rate Reference - Subsequent Load, per state, per OCN			NA \$ 1,500.00)	state, per OCN
_		BRANDING - OPERATOR CALL	Branding - Other - Initial/Subsequent Load, per switch,					
6		PROCESSING BRANDING - OPERATOR CALL	per OCN	OPS++	BRAND	NA \$ 1,800.00	\$ 1,800.00	switch, per OCN
6	NV	PROCESSING BRANDING - OPERATOR CALL	Brand and Reference/Rate Look Up, per OS/DA call			\$0.03 NA		per call
6	NV	PROCESSING	Rate Reference - Initial Load, per state, per OCN			NA \$ 5,000.00		state, per OCN
6	NV	BRANDING - OPERATOR CALL PROCESSING	Rate Reference - Subsequent Load, per state, per OCN			NA \$ 1,500.00		state, per OCN
6		BRANDING - OPERATOR CALL PROCESSING	Fully Automated Call Processing, per call			0.15 NA		call
6	NV	OPERATOR CALL PROCESSING	Operator Assisted Call processing - All Types, per work second			\$0.03 NA		work second

						Monthly	Non- Recurring	Non- Recurring	
						Recurring	Charge (NRC)		
Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone Charge (MRC)	First	Additional	Per Unit
		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
		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
2MR-AT		Transit Traffic Service	Tandem Switching	OHU	USG23	\$0.004587			per minute of use
2MR-AT	OH	Transit Traffic Service	Tandem Termination	OHU	USG20	\$0.000226	NA	NA	per minute of use
2MR-AT	ОН	Transit Traffic Service	Tandem Facility - per mile	OHU	USG21	\$0.000188	NA	NA	per minute of use, per mile
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN	\$ 0.40			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
6	ОН	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Business Category Search (BCS), 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	December 20th on the State of t						
6	ОП	ASSISTANCE AUTOMATED CALL GREETING	Branding - Other - Initial/Subsequent Load, per switch per OCN			N/A	\$ 1.800.00		Per OCN
В		OPERATOR SERVICES/DIRECTORY	per OCN			INP	Ф 1,600.00		Per OCN
		ASSISTANCE AUTOMATED CALL							
6	ОН	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						
6	OH	ASSISTANCE RATE/REFERENCES	Load, per state, per OCN			N/A	NA	\$ 1,500.00	per state, per OCN
6	ОН	OPERATOR CALL PROCESSING	Operator Services Fully Automated Call Processing, per call	XPU	OPEN	\$ 0.15	NA		nor coll
6	ОП	OPERATOR CALL PROCESSING	Operator Assisted Call Processing - All Types, per work	XPU	OPEN	\$ 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	7.1 0	0		\$ 0.040		per listing
-			Directory Assistance - per listing for subsequent						
6		DIRECTORY ASSISTANCE SERVICES	updates			\$ 0.060			per listing
		OPERATOR SERVICES/DIRECTORY							
		ASSISTANCE AUTOMATED CALL							
6	OH	GREETING	Branding, per trunk group				\$800.00		

								Non-	Non-	
							Monthly	Recurring	Recurring	
							Recurring	Charge (NRC)	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	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				40.000			
2MR-AT	ОК	TRANSPORT AND TERMINATION)	per FCC 01-131, per MOU (Effective 7/01/17)		ZZUR2		\$0.00	NA	NA	MOU
2MR-AT		Transit Traffic Service	Transit Rate (Zone 1 - Rural)		ZZUTN	1	\$0.001770		NA NA	per minute of use
2MR-AT		Transit Traffic Service	Transit Rate (Zone 2 - Suburban)		ZZUTN	2	\$0.001770		NA NA	per minute of use
2MR-AT		Transit Traffic Service	Transit Rate (Zone 3 - Metro)		ZZUTN	3	\$0.001356		NA NA	per minute of use
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3	J	\$0.40	NA NA	NA NA	per minute or use
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - credit		ZZUO4		\$0.40	NA NA	NA NA	
б	UK	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per can - credit		22004		φ0.40	IVA	IVA	
6	OK	DIDECTORY ACCICTANCE CERVICES	Discreton: Assistance Call Completion (DACC)		ZZUO7		CO 45	NIA	NIA	
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per call National Directory Assistance (NDA)- per call				\$0.15	NA NA	NA NA	per call
		DIRECTORY ASSISTANCE SERVICES			ZZUO5		\$0.65		NA	per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA)- per call - credit		ZZUO6		\$0.65		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, per call		ZZUO8		\$0.65		NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance, per call - credit		ZZUO9		\$0.65	NA	NA	per call
			Directory Assistance - Branding - Initial/Subsequent							
6	OK	BRANDING - DIRECTORY ASSISTANCE	Load, per switch, per OCN		NRBDG		NA	\$1,800.00	\$1,800.00	per switch, per OCN
6	OK	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
			Directory Assistance Rate Reference - Subsequent							
6	OK	BRANDING - DIRECTORY ASSISTANCE	Load, per state, per OCN		NRBDM		NA	\$1,500.00	NA	per state per OCN
			Directory Assistance Listings (DAL) - Initial Load, per							
6	OK	DIRECTORY ASSISTANCE LISTINGS	listing				\$0.0585	NA	NA	per listing
			V							
6	OK	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL) - Update, per listing				\$0.0585	NA	NA	per listing
			Directory Assistance Listings (DAL) - Non-Pub				*			1
6	OK	DIRECTORY ASSISTANCE LISTINGS	Emergency Message Service				\$2.10	NA	NA	per listing
6		DIRECTORY LISTING PRODUCT	White Page Directory Listings				V	NA	NA	F
6		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)		ZZUO1		\$0.15	NA	NA	automated call
	0.1	0. 2. 0. 1. 0. 1. 0. 1. 1. 1. 0. 0. 1	Operator Assisted Call Processing All Types per work				ψοιτο			automatou oun
6	ок	OPERATOR CALL PROCESSING	second		ZZUO2		\$0.03	NA	NA	per work second
U		BRANDING - OPERATOR CALL	Operator Services - Branding - Initial/Subsequent Load		22002		ψ0.03	INA	INA	per work second
6		PROCESSING	per switch, per OCN		NRBDG		NA	\$1.800.00	\$1 800 00	per switch, per OCN
0	ΟN	BRANDING - OPERATOR CALL	por switch, por con		טטפאויו		INA	ψ1,000.00	ψ1,000.00	per awitten, per OCIV
6	ок	PROCESSING	Operator Services - Branding Per call		ZZUCB		\$0.030	NA	NA	per cell
0		BRANDING - OPERATOR CALL	Operator Services - Branding Per call Operator Services - Based Rate Reference - Initial		ZZUUD		φυ.υ30	INA	INA	per call
		PROCESSING			NDDDI		B1A	#F 000 00	A.1.A.	
6	OK	BRANDING - OPERATOR CALL	Load, per state per OCN Operator Services Rate Reference - Subsequent Load,		NRBDL	1	NA	\$5,000.00	NA	per state per OCN
	01/				NDDDM			#4 FOC 55		
6	UK	PROCESSING	per state, per OCN		NRBDM	1	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	TRANSFORT AND TERMINATION)	Each subscriber will receive one (1) copy per primary				0.000K			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
	- 00	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Subsequent					0,000.00		per state per cert
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	AWIT	OBAGO			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		<u> </u>		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			1	0.20			call
0	00	ODEDATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call -				0.00			11
6	SC	OPERATOR CALL PROCESSING BRANDING - OPERATOR CALL	Using Foreign LIDB Operator Services - Rate Reference Initial Load per		+	1	0.20	1		call
6	sc	PROCESSING	state per OCN					5,000.00		per state per OCN
0	50	BRANDING - OPERATOR CALL	Operator Services - Rate Reference Subsequent Load		+			3,000.00		poi state pel OCIV
6	sc	PROCESSING	per state per OCN						1,500.00	per state per OCN
	- 50		Wholesale CLEC - Recording of DA Custom Branded		1		1		.,000.00	- 1. 0.0.0 por 0014
6	SC	BRANDING - DIRECTORY ASSISTANCE	Announcement					3,000.00	3,000.00	
			Wholesale CLEC - Loading of DA Custom Branded							
6	SC	BRANDING - DIRECTORY ASSISTANCE	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
Attachinent	State	Floudet	Unbranding via OLNS for Wholesale CLEC - Loading of	COS (Class of Service)	0300	Zone Charge (WICC)	FIISL	Additional	rei Ullit
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	SC	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 set Based in the set					
_			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
		DRANDING OPERATOR CALL	Facility have dell FO December of October December					
	TNI	BRANDING - OPERATOR CALL	Facility based CLEC - Recording of Custom Branded	ANAT	COMAN	10.00	40.00	
6	TN	PROCESSING	OA Announcement [DISCONNECT] (USOC=CBAOS)	AMT	SOMAN	19.99	19.99	announcement
_	TAI	BRANDING - OPERATOR CALL	Facility based CLEC - Recording of Custom Branded	A B 4 T	COMAN	10.00	40.00	000011000000
6	TN	PROCESSING 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	IIN	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
	1.13	I ROOLOOMO	, initialisation in per state per OON (0000-00AOL)	ru¥l I	COMAIN	19.99	19.99	por state per CON

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
_			Oper. Call Processing - Oper. Provided, Per Min						
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

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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	Optional EAS Transport & Termination per MOU				3 ()			
2MR-AT	TX	TRANSPORT AND TERMINATION)	(Effective 7/1/2015 - 6/30/2016)		ZZUR2		\$ 0.00129567	NA	NA	MOU
		LOCAL INTERCONNECTION (CALL	Optional EAS Transport & Termination per MOU							
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
		,	,							
		LOCAL INTERCONNECTION (CALL	Rate for All ISP-Bound and section 251(b)(5) Traffic as							
2MR-AT	TX	TRANSPORT AND TERMINATION)	per FCC 01-131, per MOU (Effective Through 6/30/17)		ZZUR2		\$0.000700	NA	NA	MOU
		LOCAL INTERCONNECTION (CALL	Rate for All ISP-Bound and section 251(b)(5) Traffic as							
2MR-AT	TX	TRANSPORT AND TERMINATION)	per FCC 01-131, per MOU (Effective 7/01/17)		ZZUR2		\$0.000000	NA	NA	MOU
2MR-AT	TX	Transit Traffic Service	Local Transiting		ZZUTN		\$0.000960	NA	NA	per minute of use
2MR-AT	TX	Transit Traffic Service	Optional EAS Transit				\$0.001030		NA	per minute of use
6	TX	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		NA	per call
6		DIRECTORY ASSISTANCE SERVICES	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		NA	per call
6		DIRECTORY ASSISTANCE SERVICES	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		NA	per call
6		DIRECTORY LISTING PRODUCT	White Page Directory Listings					NA	NA	
6	TX	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA	NA	
6	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per switch, per OCN		NRBDG		NA	\$1,800.00	\$1,800.00	per switch, per OCN
6	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding Per call		ZZUCB		\$0.03	NA	NA	per call
			Directory Assistance - Rate Reference Initial Load per							
6	TX	BRANDING - DIRECTORY ASSISTANCE			NRBDL		NA	\$5,000.00	NA	per state, per OCN
			Directory Assistance - Rate Reference Subsequent							
6	TX	BRANDING - DIRECTORY ASSISTANCE			NRBDM		NA	\$1,500.00	NA	per state, per OCN
			Directory Assistance Listings (DAL)-Initial Load, per							
6	TX	DIRECTORY ASSISTANCE LISTINGS	listing				\$0.0585	NA	NA	per listing
		DIDECTORY 4 0010TANIOS 1 10TINIO	5				• • • • • • • • • • • • • • • • • • • •			11. 41
6	TX	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Update, per listing Directory Assistance Listings (DAL) - Non-Pub				\$0.0585	NA	NA	per listing
		DIDECTORY ACCIONANCE LIGHTINGS	3. ()							
6	TX	DIRECTORY ASSISTANCE LISTINGS	Emergency Service Operated Services - Fully Automated Call Processing				\$2.10	NA	NA	per completed
0	TV	ODEDATOR CALL PROCESSING			771104		DO 45	NIA	NIA	
6	TX	OPERATOR CALL PROCESSING	(Per completed automated call) Operator Assisted Call Processing All Types per work		ZZUO1		\$0.15	NA	NA	automated call
6	TV	ODERATOR CALL PROCESSING	second		ZZUO2		\$0.03	NA	NA	nor work accord
6	TX	OPERATOR CALL PROCESSING BRANDING - OPERATOR CALL	Operator Services - Branding Initial/Subsequent Load		22002		\$0.03	INA	NA	per work second
6	TX	PROCESSING	per switch, per OCN		NRBDG		NA	\$1.800.00	¢4 000 00	per switch, per OCN
0	1.	BRANDING - OPERATOR CALL	per switch, per OCIN		INLDDA	1	INA	φ1,000.00	φ1,000.00	per switch, per OCN
6	TX	PROCESSING	Operator Services - Branding Per call		ZZUCB		\$0.03	NA	NA	per call
U	17	BRANDING - OPERATOR CALL	Operator Services - Branding Fer call Operator Services - Rate Reference - Initial Load per		22000		\$0.03	INA	INA	pei cali
6	TX	PROCESSING	state, per OCN		NRBDL		NA	\$5,000.00	NΔ	per state, per OCN
0	17	BRANDING - OPERATOR CALL	Operator Services - Rate Reference - Subsequent Load		INICODE	1	INA	ψ5,000.00	INA	por state, per con
6	TX	PROCESSING	per state, per OCN		NRBDM		NA	\$1.500.00	NA	per state, per OCN
			11					Ţ.,222.00		,

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Monthly Recurring narge (MRC)		Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	WI	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)	OHU	USG15	0.0007			MOU
2MR-AT	WI	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 7/01/17)	OHU	USG15	\$0.00			MOU
6		DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN	\$			per call
6		DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call	XPU	OPEN	\$			per call
6	WI	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call	XPU	OPEN	\$ 0.65	NA	NA	per call
6		DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) / if applicable, per call	XPU XPU	OPEN	\$			per call
6		DIRECTORY ASSISTANCE SERVICES OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Directory Assistance Call Completion (DACC) Branding - Other - Initial/Subsequent Load per switch per OCN	XPU	OPEN	\$ 0.15	\$ 1.800.00		
6		OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding Per call	XPU	OPEN	\$ 6 0.03	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		per call
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding-Facility Based-Initial/Subsequent Load - Branding, per trunk group	AL C	OI LIV		\$ 800.00	NA	por dan
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES OPERATOR SERVICES/DIRECTORY	Rate Reference - Initial Load, per state, per OCN			NA	\$ 5,000.00	NA	per switch, per OCN per switch,
6	WI	ASSISTANCE RATE/REFERENCES	Rate Reference - Subsequent Load, per state, per OCN			NA	\$ 1.500.00		per OCN
6		OPERATOR CALL PROCESSING	Fully Automated Call Processing, per call Operator Assisted Call Processing All Types, per	XPU	OPEN	\$			per call
6	WI	OPERATOR CALL PROCESSING	work second	XPU	OPEN	\$ 0.03	NA	NA	per work second
6		OPERATOR CALL PROCESSING	Branding-Other-Initial/Subsequent Load				\$ 1,800.00		
6	WI	OPERATOR CALL PROCESSING	per call	XPU	OPEN	\$ 0.03			
6		OPERATOR CALL PROCESSING OPERATOR CALL PROCESSING	Branding-Facility Based-Initial/Subsequent Load - Branding, per trunk group Operator Services - Rate Reference - Initial Load				\$ 800.00 \$ 5.000.00		
б									
6		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		per listing
6	WI	DIRECTORY ASSISTANCE SERVICES	DA Listings - per listing for subsequent updates	·		\$ 0.060		NA	per listing