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September 9, 2003

Via UPS Overnight Delivery

Dale Hardy Roberts
Secretary - Chief Regulatory Law Judge
Missouri Public Service Commission
200 Madison Street, Suite 100
Jefferson City, MO 65102

RE: Amendment to M2A between Ren-Tel Communications, Inc. and Southwestern Bell Telephone

Dear Mr. Roberts:

Please be advised that the parties have executed an amendment to their existing interconnection agreement in Missouri. By this amendment, Ren-Tel Communications, Inc. adopts the AT&T UNE-P NRC amendment that was filed for approval with the Commission in VT-2003-0014. A copy of the amendment in its entirety and an original signature page are enclosed.

Please let me know if you have any questions. Thank you for your attention in this matter.

Very truly yours,

Michelle Chuang

Michelle Chuang

enc
cc: Kim Smith via fax

IN WITNESS WHEREOF, this Amendment to the Agreement was exchanged in triplicate on this 16 day of July, 2003, by Southwestern Bell Telephone, L.P., d/b/a SBC Missouri, signing by and through its duly authorized representative, and Ren-Tel Communications, Inc., signing by and through its duly authorized representative.

Ren-Tel Communications, Inc.

By: David W. Smith

Title: President

Name: David W. Smith
(Print or Type)

Date: 7-16-2003

Southwestern Bell Telephone, L.P., d/b/a SBC Missouri by SBC Telecommunications, Inc., its authorized agent

By: Christy Gehlbach

Title: For/ President – Industry Markets

Name: Christy Gehlbach
(Print or Type)

Date: 7-22-03

AMENDMENT

TO MISSOURI 271 INTERCONNECTION AGREEMENT

by and between

SOUTHWESTERN BELL TELEPHONE, L.P.

AND

REN-TEL COMMUNICATIONS, INC.

The Missouri 271 Interconnection Agreement, dated March 26, 2003 ("the Agreement") by and between Southwestern Bell Telephone, L.P., d/b/a SBC Missouri[1] ("SBC Missouri") and Ren-Tel Communications, Inc. ("CLEC") is hereby amended as follows to incorporate the provisions set forth in AT&T Communications of the Southwest, Inc.'s UNE-P NRC amendment ("AT&T Agreement"), which CLEC has elected to adopt pursuant to Section 252(i) of the Act:

NOW THEREFORE the Parties agree to hereby amend the Agreement as follows:

(1) *Attachment 6: Unbundled Network Elements – Section 14.2.1* as set forth below is hereby added. Attachment 6, as amended is attached hereto in its entirety:

14.2.1 Notwithstanding Section 14.2, above, when CLEC requests a 2-Wire Analog Loop (i.e., 8db loop) with a 2-Wire Analog Switch Port and the Analog Loop to Switch Port Cross-Connect, (collectively, "UNE-P"), the Loop NRC for 2-Wire Analog UNE-P new (ACT Type "N") and move (ACT Type "T") orders is $0.00, effective August 1, 2002. This rate will remain in effect until the earlier of: 1) the date such rate is replaced by order of the Missouri Commission, or 2) the termination of this Agreement, whichever occurs first. SWBT will not seek to initiate such a cost proceeding prior to October 13, 2003. However, should the Missouri Commission order new rates for the nonrecurring charges for the 2-Wire Analog Loop, 2-Wire Analog Switch Port, the Analog Loop to Switch Port Cross Connect, the COAC, and the Service Order Charge before October 13, 2003, the Parties agree to incorporate such rates into this Agreement.

(2) Attachment 27- Access to Operations Support Systems and Related Functions, which is attached hereto and incorporated herein by this reference, shall be added to the Agreement in its entirety and shall supersede Attachments 2, 3, 7, and 8 of the Agreement. Any references in the underlying Agreement (or its surviving attachments) to Attachments 2, 3, 7, and 8, now refer to this new Attachment 27.

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[1]On December 30, 2001, Southwestern Bell Telephone Company (a Missouri corporation) was merged with and into Southwestern Bell Texas, Inc. (a Texas corporation) and, pursuant to Texas law, was converted to Southwestern Bell Telephone, L.P., a Texas limited partnership. Southwestern Bell Telephone, L.P. is now doing business in Missouri as SBC Missouri.

(3) Attachment 28 - Comprehensive Billing Attachment – MO, which is attached hereto and incorporated herein by this reference, shall be added to the Agreement in its entirety and shall supersede Attachments 4, 5, 9, and 10 of the Agreement. Any references in the underlying Agreement (or its surviving attachments) to Attachments 4, 5, 9, and 10, now refer to this new Attachment 28.

(4) UNE Schedule of Prices – The UNE Schedule of Prices is hereby amended with revised pricing, which is attached hereto in its entirety and incorporated herein by this reference.

(5) The Parties acknowledge and agree that Attachment 26: Legitimately Related Provisions to the Agreement and to the AT&T Agreement ("Attachment 26") provides that Attachments 6-10 are all legitimately related UNE provisions and that the General Terms and Conditions specified on Attachment 26, and Attachment 26 itself are legitimately related to Attachments 6-10, as well as the associated pricing. However, the AT&T Agreement was previously amended to replace Attachments 2, 3, 7 and 8 of the AT&T Agreement (referenced in Attachment 26 to the AT&T Agreement) with Attachment 27: Access to Operations Support Systems and Related functions ("Attachment 27") and to replace Attachments 4, 5, 9 and 10 of the AT&T Agreement (referenced in Attachment 26 to the AT&T Agreement) with Attachment 28 – Comprehensive Billing Attachment ("Attachment 28"). Consistent with Attachment 26 to the AT&T Agreement and this Agreement, this Amendment is incorporating into the underlying Agreement Attachments 6, 27 and 28 from the AT&T Agreement. along with all associated pricing to supersede and replace the corresponding provisions in the underlying Agreement. However, the underlying Agreement already contains provisions substantially identical to the General Terms and Conditions of the AT&T Agreement and Attachment 26 which Attachment 26 to this Agreement and the AT&T Agreement identifies as being legitimately related to the AT&T UNE provisions CLEC has elected to adopt via this Amendment. Therefore, the Parties acknowledge and agree that it was not necessary to amend the General Terms and Conditions of the underlying Agreement, except for Section 53.2, or to replace Attachment 26 from the AT&T Agreement with the corresponding provisions in the underlying Agreement. In the event that any of the General Terms and Conditions or Attachment 26 of the underlying Agreement that are legitimately related to the AT&T UNE provisions and associated terms that CLEC has elected to adopt had not been substantially identical to the corresponding provisions of the AT&T Agreement, the Parties understand and agree the underlying Agreement would have had to be amended to add and/or replace, as appropriate, the legitimately related General Terms and Conditions and Attachment 26 itself, in accordance with Attachment 26 of the AT&T Agreement and this Agreement.

(6) This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.

(7) This underlying Agreement is the result of CLEC's decision to opt into the M2A or parts thereof pursuant to Missouri Public Service Commission Order in Case No. TO-99-227 (dated March 6, 2001). This Amendment to such Agreement addresses certain specific language changes thereto as agreed by SBC Missouri and CLEC ("Agreed Changes"). The Parties acknowledge and agree that (i) all aspects of this Agreement except for the Agreed Changes (and any other voluntarily negotiated changes contained in a separate

amendment to the Agreement, if any "Other Agreed Changes") were made available to CLEC only as a result of CLEC's decision to opt into the M2A or parts thereof pursuant to Missouri Public Service Commission Order in Case No. TO-99-227; and (ii) therefore, no aspect of this Agreement other than the Agreed Changes set forth in this Amendment or any Other Agreed Changes qualify for portability into Illinois or any other state under 220 ILCS 5/13-801(b) ("Illinois Law"), Condition 27 of the Merger Order issued by the Illinois Commerce Commission in Docket No. 98-0555 ("Condition 27") or any other state or federal statute, regulation, order or legal obligation (collectively "Law"). The Parties further acknowledge and agree that the Agreed Changes and any Other Agreed Changes shall only be considered portable under the Illinois Law, Condition 27 or any other Law Paragraph if they otherwise qualify for portability under such Illinois Law, Condition 27 or other Law, if any.

(8) In entering into this Amendment, the Parties acknowledge and agree that neither Party is waiving any of its rights, remedies or arguments with respect to any orders, decisions or proceedings and any remands thereof, including but not limited to its rights under the United States Supreme Court's opinion in Verizon v. FCC, et al, 535 U.S. 467 (2002); the D.C. Circuit's decision in United States Telecom Association, et. al v. FCC, 290 F.3d 415 (D.C. Cir. 2002) ("USTA decision"); the FCC's Triennial Review Order, adopted on February 20, 2003, on remand from the USTA decision and pursuant to the FCC's Notice of Proposed Rulemaking, Review of Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers, CC Docket No. 01-338 (FCC 01-361) (rel. Dec. 20, 2001); the FCC's Order In the Matter of the Local Competition Provisions of the Telecommunications Act of 1996, 15 FCC Rcd 1760 (FCC 99-370) (rel. Nov. 24, 1999), including its Supplemental Order Clarification (FCC 00-183) (rel. June 2, 2000), in CC Docket 96-98; or the FCC's Order on Remand and Report and Order in CC Dockets No. 96-98 and 99-68, 16 FCC Rcd 9151 (2001), (rel. April 27, 2001) ("ISP Compensation Order"), which was remanded in WorldCom, Inc. v. FCC, 288 F.3d 429 (D.C. Cir. 2002). Rather, in entering into this Amendment, each Party fully reserves all of its rights, remedies and arguments with respect to any decisions, orders or proceedings, including but not limited to its right to dispute whether any UNEs and/or UNE combinations identified in the Agreement and this Amendment must be provided under Sections 251(c)(3) and 251(d) of the Act, and under this Agreement. Notwithstanding anything to the contrary in this Agreement and in addition to fully reserving its other rights, SBC Missouri reserves its right to exercise its option at any time in the future to adopt on a date specified by SBC Missouri the FCC ISP terminating compensation plan, after which date ISP-bound traffic will be subject to the FCC's prescribed terminating compensation rates, and other terms and conditions. In the event that a state or federal regulatory or legislative body or a court of competent jurisdiction, in any proceeding, finds, rules and/or otherwise orders that any of the UNEs and/or UNE combinations provided for under this Agreement and this Amendment do not meet the necessary and impair standards set forth in Section 251(d)(2) of the Act, the affected provision will be immediately invalidated, modified or stayed as required to effectuate the subject order upon written request of either Party ("Written Notice"). In such event, the Parties shall have sixty (60) days from the Written Notice to attempt to negotiate and arrive at an agreement on the appropriate conforming modifications required to the Agreement. If the Parties are unable to agree upon the conforming modifications required within sixty (60) days from the Written Notice, any disputes between the Parties concerning the

interpretations of the actions required or the provisions affected by such order shall be handled under the Dispute Resolution Procedures set forth in this Agreement.

(9) EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

(10) This Amendment shall be filed with and is subject to approval by the Missouri Public Service Commission and shall become effective ten (10) days following approval by such Commission.

IN WITNESS WHEREOF, this Amendment to the Agreement was exchanged in triplicate on this _____ day of _____, 2003, by Southwestern Bell Telephone, L.P., d/b/a SBC Missouri, signing by and through its duly authorized representative, and Ren-Tel Communications, Inc., signing by and through its duly authorized representative.

Ren-Tel Communications, Inc.	**Southwestern Bell Telephone, L.P., d/b/a SBC Missouri by SBC Telecommunications, Inc., its authorized agent**
By: _____	By: _____
Title: _____	Title: For/ President – Industry Markets
Name: _____ (Print or Type)	Name: _____ (Print or Type)
Date: _____	Date: _____

ATTACHMENT 6: UNBUNDLED NETWORK ELEMENTS

1.0 Introduction

This Attachment 6: Unbundled Network Elements to the Agreement sets forth the unbundled Network Elements that SWBT agrees to offer to CLEC. The specific terms and conditions that apply to the unbundled Network Elements are described below. The price for each Network Element is set forth in Appendix Pricing - Unbundled Network Elements, attached hereto.

2.0 General Terms and Conditions

2.1 SWBT will permit CLEC to designate any point at which it wishes to connect CLEC's facilities or facilities provided by a third party on behalf of CLEC with SWBT's network for access to unbundled Network Elements for the provision by CLEC of a telecommunications service. If the point designated by CLEC is technically feasible, SWBT will make the requested connection.

2.2 CLEC may combine any unbundled Network Element with any other element without restriction. Unbundled Network Elements may not be connected to or combined with SWBT access services or other SWBT tariffed service offerings with the exception of tariffed collocation services. This paragraph does not limit CLEC's ability to purchase services under SWBT's resale tariff while also utilizing the UNE provisions of this agreement to the same end use customer. This paragraph does not limit CLEC's ability to permit IXCs to access ULS for the purpose of originating and/or terminating interLATA and intraLATA access traffic or limit CLEC's ability to originate and/or terminate interLATA or intraLATA calls using ULS consistent with Section 5 of this Attachment. Further, when customized routing is used by CLEC, pursuant to Section 5.2.4 of this Attachment, CLEC may direct local, local operator services, and local directory assistance traffic to dedicated transport whether such transport is purchased through the access tariff or otherwise.

2.3 CLEC may use one or more Network Elements to provide any technically feasible feature, function, or capability that such Network Element(s) may provide.

2.4 SWBT will provide CLEC access to the unbundled Network Elements provided for in this Attachment, including combinations of Network Elements, without restriction except as provided in this Attachment. CLEC is not required to own or control any of its own local exchange facilities before it can purchase or use Unbundled Network Elements to provide a telecommunications service under this Agreement. SWBT will allow CLEC to order each Network Element individually or in combination with any other Network Elements, pursuant to Attachment 7, in order to permit CLEC to combine such Network Elements with other Network Elements obtained from SWBT or with network components provided by itself or by third parties to provide telecommunications services

to its customers, provided that such combination is technically feasible and would not impair the ability of other carriers to obtain access to other unbundled network elements or to interconnect with SWBT's network. Any request by CLEC for SWBT to provide a type of connection between Network Elements that is not currently being utilized in the SWBT network and is not otherwise provided for under this Agreement will be made in accordance with the Special Request process described in Section 2.22.

2.4.1 When CLEC orders unbundled Network Elements in combination, and identifies to SWBT the type of telecommunications service it intends to deliver to its end user customer through that combination (e.g., POTS, ISDN), SWBT will provide the requested elements with all the functionality, and with at least the same quality of performance and operations systems support (ordering, provisioning, maintenance, billing and recording), that SWBT provides through its own network to its local exchange service customers receiving equivalent service, unless CLEC requests a lesser or greater quality of performance through the Special Request process. For example, loop/switch port combinations ordered by CLEC for POTS service will include, without limitation, MLT testing, real time due date assignment, dispatch scheduling, service turn-up without interruption of customer service, and speed and quality of maintenance, at parity with SWBT's delivery of service to its POTS customers served through equivalent SWBT loop and switch ports. Network element combinations provided to CLEC by SWBT will meet all performance criteria and measurements that SWBT achieves when providing equivalent end user service to its local exchange service customers (e.g., POTS, ISDN).

2.5 For each Network Element, to the extent appropriate, SWBT will provide a demarcation point (e.g., an interconnection point at a Digital Signal Cross Connect or Light Guide Cross Connect panels or a Main Distribution Frame) and, if necessary, access to such demarcation point, as the Parties agree is suitable. However, where SWBT provides contiguous Network Elements to CLEC, SWBT may provide the existing interconnections.

2.6 Various subsections below list the Network Elements that SWBT has agreed, subject to the other terms and conditions in this Agreement, to make available to CLEC for the provision by CLEC of a telecommunications service. SWBT will make additional Network Elements available pursuant to the terms of Section 2.22 of this Attachment. The waiver contained in the first sentence of Section 14.8 of this Attachment shall not apply to such additional Network Elements requested by CLEC nor shall it apply to new Network Elements made available by SWBT pursuant to Section 14.5 of this Attachment. Notwithstanding SWBT's ability to challenge the provision of new UNEs pursuant to the "necessary and impair" standards of Section 251(d)(2) of Title 47, United States Code, SWBT agrees, absent a stay or reversal on appeal, to make such new UNEs available under the provisions of Section 14.5.

2.7 Subject to the terms herein, SWBT is responsible only for the installation, operation and maintenance of the Network Elements it provides. SWBT is not otherwise responsible

for the telecommunications services provided by CLEC through the use of those elements.

2.8 Except upon request, SWBT will not separate requested network elements that SWBT currently combines.

2.9 Where unbundled elements provided to CLEC are dedicated to a single end user, if such elements are for any reason disconnected they will be made available to SWBT for future provisioning needs, unless such element is disconnected in error.

2.10 This Section Intentionally Left Blank

2.11 Each Party is solely responsible for the services it provides to its end users and to other Telecommunications Carriers.

2.12 SWBT will provide CLEC reasonable notification of service-affecting activities that may occur in normal operation of SWBT's business. Such activities may include, but are not limited to, equipment or facilities additions, removals or rearrangements, routine preventative maintenance and major switching machine change-out. Generally, such activities are not individual service specific, but affect many services. No specific advance notification period is applicable to all such service activities. Reasonable notification procedures will be negotiated by SWBT and CLEC.

2.13 The use of the term "purchase" herein notwithstanding, network elements provided to CLEC under the provisions of this Attachment will remain the property of SWBT.

2.14 The elements provided pursuant to this Agreement will be available to SWBT at times mutually agreed upon in order to permit SWBT to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. No credit will be allowed for any interruptions involved during such tests and adjustments.

2.15 CLEC's use of any SWBT network element, or of its own equipment or facilities in conjunction with any SWBT network element, will not materially interfere with or impair service over any facilities of SWBT, its affiliated companies or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public. Upon reasonable written notice and opportunity to cure, SWBT may discontinue or refuse service if CLEC violates this provision, provided that such termination of service will be limited to CLEC's use of the element(s) causing the violation.

2.16 SWBT and CLEC will negotiate to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters and catastrophic network failures (e.g., interoffice cable cuts and central office power failure)

which affect their telecommunications services. These plans will provide for restoration and disaster recovery for CLEC customers at least equal to what SWBT provides for its customers and will allow CLEC to establish restoration priority among CLEC customers consistent with applicable law.

2.17 Performance of Network Elements

2.17.1 Each Network Element provided by SWBT to CLEC will meet applicable regulatory performance standards and be at least equal in quality and performance as that which SWBT provides to itself. Each Network Element will be provided in accordance with SWBT Technical Publications or other written descriptions. Such publications will be shared with CLEC. CLEC may request, and SWBT will provide, to the extent technically feasible, Network Elements that are superior or lesser in quality than SWBT provides to itself and such service will be requested pursuant to the Special Request process. SWBT shall not impose its own standards for provision services, through Technical Publications or otherwise, without further negotiations by the parties; provided however, that SWBT may make and apply to CLEC, changes to Technical Publications to comply with actions of Missouri or Federal legislative bodies, Courts, or Regulatory Agencies.

2.17.2 SWBT will provide a SWBT Technical Publication or other written description for each Network Element offered under this Agreement. The Technical Publication or other description for an Element will describe the features, functions, and capabilities provided by the Element as of the time the document is provided to CLEC. No specific form for the Technical Publication or description is required, so long as it contains a reasonably complete and specific description of the Element's capabilities. The Technical Publication or other description may be accompanied by reference to vendor equipment and software specifications applicable to the Element.

2.17.3 Nothing in this Agreement will limit either Party's ability to modify its network through the incorporation of new equipment, new software or otherwise. Each Party will provide the other Party written notice of any such upgrades in its network which will materially impact the other Party's service, consistent with the timelines established by the FCC in the Second Report and Order, CC Docket 96-98. CLEC will be solely responsible, at its own expense, for the overall design of its telecommunications services and for any redesigning or rearrangement of its telecommunications services which may be required because of changes in facilities, operations or procedure of SWBT, minimum network protection criteria, or operating or maintenance characteristics of the facilities.

2.17.4 Where SWBT is required to provide six or twelve month notice to CLEC pursuant to Section 2.17.3, CLEC may submit a request within thirty (30) days of CLEC's receipt of a notice of planned network modification, to maintain characteristics of affected elements. Where SWBT is permitted to provide less than six months notice, CLEC

may submit such request within ten days of CLEC's receipt of SWBT's notice. To the extent the requested characteristics are specifically provided for in this Attachment, Technical Publication or other written description, SWBT, at its own expense, will be responsible for maintaining the functionality and required characteristics of the elements purchased by CLEC, including any expenses associated with changes in facilities, operations or procedure of SWBT, network protection criteria, or operating or maintenance characteristics of the facilities. To the extent requested characteristics are not specifically provided for therein, CLEC's request will be considered under the Special Request Process and the process will be completed prior to modifying CLEC's affected element.

2.17.5 For elements purchased through the Special Request Process, SWBT, in its discretion, will determine whether it can offer the applicability of the preceding paragraph on a case by case basis.

2.17.6 For each Network Element provided for in this Attachment, SWBT Technical Publications or other written descriptions meeting the requirements of this section will be made available to CLEC not later than thirty (30) days after the Effective Date of this Agreement.

2.17.7 SWBT will provide performance measurements as outlined in Attachment 17 under this Agreement. SWBT will not levy a separate charge for providing this information.

2.18 If one or more of the requirements set forth in this Attachment are in conflict, the Parties will jointly elect which requirement will apply.

2.19 This Section Intentionally Left Blank

2.20 When CLEC purchases unbundled Network Elements to provide interexchange services or exchange access services for intraLATA traffic originated by or terminating to CLEC local service customers, SWBT will not collect access charges from CLEC or other IXCs except for charges for exchange access transport services that an IXC elects to purchase from SWBT.

2.21 CLEC will connect equipment and facilities that are compatible with the SWBT Network Elements and will use Network Elements in accordance with the applicable regulatory standards and requirements referenced in Section 2.17.

2.22 Special Request

The sections below identify unbundled Network Elements and provide terms and conditions on which SWBT will offer them to CLEC: Network Interface device; local

loop; loop distribution; loop feeder; digital loop carrier; local switching; tandem switching; interoffice transport, including common transport, and dedicated transport; signaling and call-related database; operations support systems functions; and cross-connects. Any request by CLEC for an additional unbundled Network Element will be considered under the procedures set forth below. Where facilities and equipment are not available, CLEC may request and, to the extent required by law and as SWBT may otherwise agree, SWBT will provide Network Elements through the Special Request process.

2.22.1 Each Party will promptly consider and analyze access to new unbundled Network Element with the submission of a Network Element Special Request hereunder. The Network Element Special Request process set forth herein does not apply to those services requested pursuant to FCC Report & Order and Notice of Proposed Rulemaking 91-141 (rel. Oct. 19, 1992) paragraph 259 and n. 603 and subsequent rulings.

2.22.2 A Network Element Special Request will be submitted in writing and will include a technical description of each requested Network Element, the date when interconnection is requested and the projected quantity of interconnection points ordered with a demand forecast.

2.22.3 The requesting Party may cancel a Network Element Special Request in a commercially reasonable manner.

2.22.4 Within ten (10) business days of its receipt, the receiving Party will acknowledge receipt of the Network Element Special Request.

2.22.5 Except under extraordinary circumstances, within thirty (30) days of its receipt of a Network Element Special Request, the receiving Party will provide to the requesting Party a preliminary analysis of such Network Element Special Request. The preliminary analysis will confirm that the receiving Party will offer access to the Network Element or will provide a detailed explanation that access to the Network Element is not technically feasible and/or that the request does not qualify as a Network Element that is required to be provided under the Act. If the receiving party does not accept the request within thirty (30) days, the issue may be presented to the Commission in accordance with the Arbitration Order dated December 11, 1996, in Case No. TO-97-40, as follows: the requesting party has twenty (20) days in which to file a petition with the Commission, seeking a determination that the receiving party be required to provide the unbundled element. The receiving party must respond within 20 days of the filing of the petition and demonstrate why it is technically infeasible to provide the UNE or why such provision violates network integrity.

2.22.6 If the receiving Party determines that the Network Element Special Request is technically feasible and otherwise qualifies under the Act, it will promptly proceed with developing the Network Element Special Request upon receipt of written authorization from the requesting Party. When it receives such authorization, the receiving Party will promptly develop the requested services, determine their availability, calculate the applicable prices and establish installation intervals.

2.22.7 Unless the Parties otherwise agree, the Network Element Special Request must be priced in accordance with Section 252(d)(1) of the Act.

2.22.8 As soon as feasible, but not more than sixty (60) days after its receipt of authorization to proceed with developing the Network Element Special Request, the receiving Party shall provide to the requesting Party a Network Element Special Request quote which will include, at a minimum, a description of each Network Element, the availability, the applicable rates and the installation intervals.

2.22.9 Within thirty (30) days of its receipt of the Network Element Special Request quote, the requesting Party must either confirm its order for the Network Element Special Request pursuant to the Network Element Special Request quote or seek arbitration by the Commission pursuant to Section 252 of the Act.

2.22.10 If a Party to a Network Element Special Request believes that the other Party is not requesting, negotiating or processing the Network Element Special Request in good faith, or disputes a determination, or price or cost quote, such Party may seek mediation or arbitration by the Commission pursuant to Section 252 of the Act.

2.22.11 Whenever CLEC requests to purchase a particular SWBT Network Element that is operational at the time of the request but for which no unbundled Network Element price has been established or agreed by the Parties, CLEC's request will be considered as follows: SWBT will provide a price quote for the Element, consistent with the Act, within twenty (20) days following SWBT's receipt of CLEC's request. If the Parties have not agreed on a price for the Element within ten (10) days following CLEC's receipt of the price quote, either Party may submit the matter for Dispute Resolution as provided for in the General Terms and Conditions of this Agreement.

3.0 Network Interface Device

3.1 The Network Interface Device (NID) is a cross-connect used to connect loop facilities to inside wiring. The fundamental function of the NID is to establish the official network demarcation point between a carrier and its end user customer. The NID contains the appropriate and accessible connection points or posts to which the service provider and the end user customer each make its connections.

3.2 CLEC personnel may connect to the customer's inside wire at the SWBT NID, as is, at no charge. Should CLEC request SWBT to disconnect its loop from the customer's inside wire, SWBT will charge CLEC a non recurring charge as reflected on Appendix Pricing UNE - Schedule of Prices labeled as "Disconnect Loop from Inside Wiring per NID". Any repairs, upgrades and rearrangements (other than loop disconnection addressed in the preceding sentence) required by CLEC will be performed by SWBT based on Time and Materials charges as reflected on Appendix Pricing UNE - Schedule of Prices labeled "Time and Materials Charges".

3.3 To the extent a SWBT NID exists, it will be the interface to customers' premises wiring unless CLEC and the customer agree to an interface that bypasses the SWBT NID.

3.4 CLEC will provide its own NID and will interface to the customer's premises wiring through connections in the customer chamber, if available, of the SWBT NID, unless CLEC and the customer agree to an alternate interface as provided for in Section 3.3.

3.5 With respect to multiple dwelling units or multiple-unit business premises, CLEC will provide its own NID, will connect directly with the customer's inside wire and will not require any connection to the SWBT NID, unless such premises are served by "single subscriber" type NIDs.

3.6 The SWBT NIDs that CLEC uses under this Attachment will be those installed by SWBT to serve its customers.

3.7 CLEC will not attach to or disconnect SWBT's ground. CLEC will not cut or disconnect SWBT's loop from its protector. CLEC will not cut any other leads in the NID. CLEC will protect all disconnected leads with plastic sleeves and will store them within the NID enclosure. CLEC will tighten all screws or lugs loosened by CLEC in the NID's enclosure and replace all protective covers.

4.0 Local Loop

4.1 Definition: A "loop" is a dedicated transmission facility between a distribution frame (or its equivalent) in a SWBT central office and an end user customer premises.

4.2 SWBT will provide at the rates, terms, and conditions set out in Appendix Pricing UNE - Schedule of Prices the types of unbundled loops in Sections 4.2.1 through 4.2.4. When CLEC orders an unbundled loop, CLEC will be provided a termination on whatever NID, if any, connects the loop to the customer premises, without additional charge.

4.2.1 The 2-Wire analog loop supports analog voice frequency, voice band services with loop start signaling within the frequency spectrum of approximately 300 Hz and 3000 Hz.

4.2.1.1 SWBT will offer 5 dB conditioning on a 2-wire analog loop as the standard conditioning option available.

4.2.2 The 4-Wire analog loop provides a non-signaling voice band frequency spectrum of approximately 300 Hz to 3000 Hz. The 4-Wire analog loop provides separate transmit and receive paths.

4.2.3 The 2-Wire digital loop 160 Kbps supports Basic Rate ISDN (BRI) digital exchange services. The 2-Wire digital loop 160 Kbps supports usable bandwidth up to 160 Kbps.

4.2.4 The 4-Wire digital loop 1.544 Mbps loop will support DS1 service including Primary Rate ISDN (PRI). The 4-wire digital loop 1.544 Mbps supports usable bandwidth up to 1.544 Mbps.

4.2.5 Nothing in the loop definitions provided above is intended to limit a CLEC from using UNE loops to transmit signals in the ranges as specified in Attachment DSL-MO, which forms a part of this Agreement. SWBT agrees to provide CLEC with access to UNEs for providing advanced services in accordance with the terms of Attachment DSL-MO and the general terms and conditions applicable to UNEs (sections 2.0 - 2.22.11, *supra*).

4.3 CLEC may request and, to the extent technically feasible, SWBT will provide additional loop types and conditioning, including, without limitation, loops capable of carrying DS3 signals, pursuant to the Special Request process. The availability of a loop type, *e.g.*, DS3 loop, through the Special Request process does not limit the availability to CLEC of equivalent functionality through the dedicated transport entrance facilities that are available to CLEC and priced under this Agreement, *e.g.*, DS3 Entrance Facility.

4.4 When CLEC owns or manages its own switch and requests an unbundled Loop to be terminated on CLEC's switch and the requested loop is currently serviced by SWBT's Integrated Digital Loop Carrier (IDLC) or Remote Switching technology, SWBT will, where available, move the requested unbundled Loop to a spare, existing physical or a universal digital loop carrier unbundled Loop at no additional charge to CLEC. If, however, no spare unbundled Loop is available, SWBT will within forty-eight (48) hours, excluding weekends and holidays, of CLEC's request notify CLEC of the lack of available facilities. CLEC may request alternative arrangements through the Special Request process. This section does not apply when CLEC orders a Loop/Switch port combination from SWBT.

4.5 In addition to any liability provisions in this agreement, SWBT does not guarantee or make any warranty with respect to unbundled loops or entrance facilities when used in an explosive atmosphere. CLEC will indemnify, defend and hold SWBT harmless from any and all claims by any person relating to CLEC's or CLEC end user's use of unbundled loops in an explosive atmosphere, excluding claims of gross negligence or willful or intentional conduct by SWBT.

4.6 Subloop Elements

SWBT will provide subloop elements as unbundled network elements in the following manner.

4.6.1 Distribution: SWBT will offer as an unbundled element the segment of the local loop extending between a remote terminal (RT) site (located in a hut, CEV, or cabinet) and the end user premises. Loop distribution will be provided for each of the unbundled loop types described in Sections 4.2.1 through 4.2.4 preceding. Loop distribution is only available where digital loop carrier exists in the loop route. SWBT is not required to offer the segment of the loop between a Feeder Distribution Interface (FDI) and the RT site, or the FDI and the end user premises, as a separate unbundled network element.

4.6.1.1 When CLEC purchases the subloop element called loop distribution, CLEC will pay the charges shown on Appendix Pricing UNE - Schedule of Prices labeled "Subloop Distribution".

4.6.2 Feeder: in the feeder segment of the loop, only the dark fiber and the 4-wire copper cable that is conditioned for DS-1 must be offered as unbundled network elements. SWBT must provide dark fiber in the feeder segment of the loop as an unbundled network element under the following conditions: SWBT will offer its dark fiber to CLEC but may offer it pursuant to agreements that would permit revocation of CLEC's right to use the dark fiber upon twelve (12) months' notice by SWBT. The parties will develop a standardized form for leasing interoffice dark fiber and dark fiber feeder within 10 days after CLEC's initial request for dark fiber. Thereafter, within 30 days from its receipt of an CLEC request for dark fiber feeder, SWBT either will grant the request and issue an appropriate lease or deny the request and provide CLEC with a written explanation demonstrating SWBT's need to use the specific fiber requested by CLEC within the twelve month period following CLEC's request. To exercise its right of revocation, SWBT will demonstrate that the subject dark fiber is needed to meet SWBT's bandwidth requirements or the bandwidth requirements of another LSP. An LSP, including CLEC, may not, in a twenty-four (24) month period, lease more than 25% of SWBT's excess dark fiber capacity in a particular feeder segment. If SWBT can demonstrate within a twelve (12) month period after the date of a dark fiber lease that the LSP is using the leased dark fiber capacity at a level of transmission less than OC-12 (622.08 million bits per second), SWBT may revoke the lease agreement with an LSP and provide the LSP a reasonable and sufficient alternative means of transporting the traffic. SWBT will provide CLEC physical access to, and the right to connect to, the feeder provided under this section in a remote terminal site which may include cabinets, huts, or vaults as appropriate, as further specified in the lease for that segment and consistent with the collocation provisions of this Agreement and any applicable collocation tariffs. Consistent with the definition of loop feeder, dark fiber or 4 wire DS1 will be terminated in the central office on a main distribution frame or its equivalent and will be terminated on an appropriate termination panel at a remote terminal site.

4.6.2.1 When CLEC purchases dark fiber in the feeder segment of the loop, CLEC will pay the charges shown on Appendix Pricing UNE - Schedule of Prices labeled "Dark Fiber" under the heading "Subloop - Feeder".

4.6.2.2 When CLEC purchases 4-Wire Copper cable that is conditioned for DS1 in the feeder segment of the loop, CLEC will pay the charges shown on Appendix Pricing UNE - Schedule of Prices labeled "DS1 4-Wire Copper" under the heading "Subloop - Feeder".

4.6.3 Digital Loop Carrier: the DLC will be offered as an unbundled network element but SWBT is not required to offer further unbundling of the DLC. DLC will be offered as an unbundled element on a case by case basis through the Special Request Process.

5.0 Local Switching

5.1 Definition: The local switching element encompasses line-side and trunk side facilities plus the features, functions and capabilities of the switch. The line side facilities include the connection between a loop termination at, for example, a main distribution frame (MDF), and a switch line card. Trunk-side facilities include the connection between, for example, trunk termination at a trunk-side cross-connect panel and a trunk card. The local switching element includes all features, functions, and capabilities of the local switch, including but not limited to the basic switching function of connecting lines to lines, lines to trunks, trunks to lines and trunks to trunks. It also includes the same basic capabilities that are available to SWBT customers, such as a telephone number, dial tone, signaling and access to 911, access to operator services, access to directory assistance, and features and functions necessary to provide services required by law. In addition, the local switching element includes all vertical features that the switch is capable of providing, including custom calling, CLASS features, and Centrex-like capabilities as well as any technically feasible customized routing, blocking/screening, and recording functions.

5.1.1 The local switching element also includes access to all call origination and completion capabilities (including intraLATA and interLATA calls), and CLEC is entitled to all revenues associated with its use of those capabilities, including access and toll revenues. SWBT will provide CLEC with recordings which will permit it to collect all access or toll revenues associated with the use of the local switching element.

5.2 Technical Requirements

5.2.1 SWBT will provide the local switching element so that the dialing plan associated with the port will be equal to the dialing plan established in the office for SWBT's own customers. When the established dialing plan calls for 10-digit dialing, it will apply equally to Unbundled Local Switching purchased by CLEC.

5.2.2 Except as required to fulfill CLEC requests for customized routing, SWBT's Local Switching element will route local calls on SWBT's common network (i.e., Common Transport) to the appropriate trunk or lines for call origination transport according to the same criteria that SWBT applies to its own calls.

5.2.3 SWBT should route all local operator services and directory assistance calls to a single destination designated by CLEC where technically feasible.

5.2.3.1 Subject to the above, SWBT will provide Customized Routing with Unbundled Local Switching or Resale only according to the following conditions: Customized Routing will only be permitted on a class of call basis (i.e., all Directory Assistance Calls and/or all Operator Services calls (or all local calls for Unbundled Local Switching only) must be routed to the same dedicated facility.) CLEC may request additional types of Customized Routing for local calls through the Special Request Process.

5.2.3.2 Permanent prices for AIN Customized Routing are found in Appendix Pricing UNE – Schedule of Prices. The AIN Customized Routing prices also will apply to Customized Routing in any Missouri local switches that are not AIN compatible, and SWBT will supply Customized Routing for these switches through the Line Class Code method or other method agreed upon by the parties.

5.2.3.3 Intentionally left blank

5.2.3.4 For particular customer serving arrangements in which Customized Routing is not available through AIN, if CLEC requests Customized Routing of OS/DA calls by the Line Class Code method (LCC), CLEC will pay rates to be established by future negotiation or arbitration. If CLEC does not so request, Customized Routing will be unavailable and the customer's operator services and directory assistance calls will be routed to the SWBT OS/DA platform as defined in Attachment 22 DA-Fac and Attachment 23 OS-Fac. CLEC will pay appropriate OS/DA charges for SWBT to properly handle such calls to SWBT's OS/DA platform found in Attachment 22 DA-Fac and Attachment 23 OS-Fac. The particular customer serving arrangements in which customized routing is not available through AIN consist of the following: end user service with voice activated dial served out of a 5ESS switch; coin services where SWBT's network rather than the telephone provides the signaling; hotel/motel services; and certain CENTREX-like services with features that are incompatible with AIN.

5.2.4 Customized Routing of CLEC Directory Assistance and Operator Services; Call Blocking/Screening

5.2.4.1 Where CLEC purchases Unbundled Local Switching or Resale and elects to provide Directory Assistance and Operator Services to its customers through its own Directory Assistance and Operator Services platforms, SWBT will provide the functionality and features required to route calls from CLEC customers for Directory Assistance and

Operator Services to CLEC designated trunks for the provision of CLEC Directory Assistance and Operator Services, in accordance with this Attachment.

5.2.4.2 SWBT agrees to provide CLEC the AIN solution for customized routing in each of its end offices.

5.2.4.2.1 SWBT will provide to CLEC the functionality of blocking calls (e.g., 900, international calls (IDDD) and toll calls) by line or trunk to the extent that SWBT provides such blocking capabilities to its customers and to the extent required by law. In those end offices where AIN is deployed, there will be no additional charge for blocking/screening for the above listed standard blocking/screening capabilities.

5.2.4.2.2 When CLEC uses unbundled local switching and requests blocking/screening for one of those particular customer serving arrangements that are not AIN compatible, SWBT will provide blocking/screening via special line class codes at rates to be negotiated by the Parties. The particular customer serving arrangements consist of the following: end user service with voice activated dial served out of a 5ESS switch; coin services where SWBT's network rather than the telephone provides the signaling; hotel/motel services; and certain CENTREX-like services with features that are incompatible with AIN.

5.2.4.3 SWBT has deployed customized routing via AIN technology. SWBT will provide Customized Routing via LCC technology at the request of CLEC. In the event a CLEC specifically requests an LCC in any local switch where AIN is implemented, SWBT shall provide a forward-looking cost estimate to the CLEC through the Special Request Process, provided that such LCC needs to be developed to accommodate the CLEC's customized routing requirement or calling scope. CLEC will pay the costs for implementing the request, provided that, if CLEC does not agree with SWBT's proposed charges for LCC customized routing, SWBT will submit its costs and proposed prices to the Commission for approval in accordance with TELRIC requirements, and CLEC will only be required to pay the prices approved by the Commission. If a CLEC requests an LCC in a switch where that LCC is already implemented and used by SWBT, no charge as related to development of such LCC applies.

5.2.4.4 SWBT will make available to CLEC the ability to route all local Directory Assistance and Operator Services calls (e.g., 1+411, 0-, and 0+ seven or ten digit local, 1+HNPA+555-1212) dialed by CLEC Customers to the CLEC Directory Assistance and Operator Services platform. Customized Routing will not be used in a manner to circumvent the inter or intraLATA PIC process directed by the FCC. To the extent that intraLATA calls are routed to CLEC OS and DA platforms, CLEC may complete such calls and receive the associated revenue.

5.2.4.5 SWBT will provide the functionality and features within its local switch (LS) to route CLEC customer-dialed Directory Assistance local calls to CLEC. (Designated trunks via Feature Group C signaling, or as the Parties may otherwise agree, for direct-dialed calls (i.e., sent paid).)

5.2.4.6 SWBT will provide the functionality and features within its LS to route CLEC dialed 0/0+ local calls to CLEC. (Designated trunks via operator services Feature Group C signaling.)

5.2.4.7 Intentionally left blank

5.2.4.8 Intentionally left blank

5.2.4.9 Direct routing capabilities described herein will permit CLEC customers to dial the same telephone numbers for CLEC Directory Assistance and Operator Services that similarly-situated SWBT customers dial for reaching equivalent SWBT services.

5.2.4.10 SWBT, no later than five (5) days after the date CLEC requests the same, will provide to CLEC the emergency public agency (e.g., police, fire, ambulance) telephone numbers used by SWBT in each NPA-NXX. Such data will be transmitted via paper copies of all SWBT emergency listings reference documents from all of SWBT's Operator Services offices. CLEC agrees to indemnify and hold SWBT harmless from all claims, demands, suits or actions by third parties against SWBT, or jointly against CLEC and SWBT, arising out of its provision of such information to CLEC.

5.2.5 SWBT will provide the Local Switching element only with standard central office treatments (e.g., busy tones, vacant codes, fast busy, etc.), supervision and announcements.

5.2.6 SWBT will perform testing through the Local Switching element for CLEC customers in the same manner and frequency that it performs such testing for its own customers for an equivalent service.

5.2.7 SWBT will repair and restore any SWBT equipment or any other maintainable component that may adversely impact Local Switching.

5.2.8 SWBT will control congestion points such as those caused by radio station call-ins, and network routing abnormalities, using capabilities such as Automatic Call Gapping, Automatic Code Gapping, Automatic Congestion Control, and Network Routing Overflow. CLEC agrees to respond to SWBT's notifications regarding network congestion.

5.2.9 SWBT will perform, according to its own procedures and applicable law, manual traps as requested by designated CLEC personnel (Attachment 16: Network Security) and permit customer originated call trace (Attachment 1: Resale, Appendix Services/Pricing). CLEC will obtain all necessary legal authorization for the call trace.

5.2.10 SWBT will record billable events, where technically feasible, and send the appropriate billing data to CLEC as outlined in Attachment 28.

5.2.11 SWBT will provide switch interfaces to adjuncts in the same manner it provides them to itself. CLEC requests for use of SWBT adjuncts will be handled through the Special Request process.

5.2.12 SWBT will provide Usage Data and trouble history regarding a customer line, upon CLEC's request as provided in Attachment: 8 and Attachment: 10.

5.2.13 SWBT will allow CLEC to designate the features and functions that are activated on a particular unbundled switch port to the extent such features and functions are available or as may be requested by the Special Request process. When CLEC purchases Unbundled Local Switching (ULS), SWBT will provide CLEC the vertical features that the switch is equipped to provide.

5.3 Interface Requirements:

5.3.1 Unbundled Local Switching (ULS) Port includes the central office switch hardware and software required to permit the transport or receipt of information over the SWBT local switching network or other interconnected networks. The ULS Port provides access to all features, functions and capabilities of the local switch. The ULS Port charge includes the charges for cross connect to the main distribution frame or DSX panel. SWBT will provide the following switch ports:

5.3.1.1 Analog Line Port: A line side switch connection available in either a loop or ground start signaling configuration used primarily for switched voice communications including centrex-like applications. When CLEC orders a Loop/Switch combination in which the loop is served by IDLC, CLEC will pay the applicable loop charge and an Analog Line Port charge.

5.3.1.2 Analog (DID) Trunk Port: A trunk side switch connection used for voice communications via customer premises equipment primarily provided by a Private Branch Exchange (PBX) switch.

5.3.1.3 DS1 Trunk Port: A digital trunk side switch connection that provides the equivalent of 24 paths used primarily for voice communications via customer premises equipment provided by a PBX switch (4 wire).

5.3.1.4 ISDN Basic Rate Interface (BRI) Port: A line side switch connection which provides ISDN Basic Rate Interface (BRI) based capabilities including centrex-like applications. When CLEC orders a Loop/Switch combination in which the loop is served by IDLC, CLEC will pay the applicable loop charge and a BRI Port charge.

5.3.1.5 ISDN Primary Rate Interface (PRI) Port: switch connection which provides Primary Rate Interface (PRI) ISDN Exchange Service capabilities. Analog line port numbers (POTS) that are requested to be routed to this PRI trunk side port will be priced separately. The price for accomplishing this function is contained in Appendix Pricing UNE Schedule of Prices under "DS1 Digital Trunk Port" and labeled "Regular Numbers."

5.3.1.6 Input/Output (I/O) Port: Provides access to the switch for a variety of functions including but not limited to voice mail functions (e.g., SMDI Port). CLEC must have access to full functionality of the switch including but not limited to voice mail functions. The cost of a feature-specific I/O port is already included in the feature hardware additive applied in SCIS/IN. Any other I/O ports necessary shall be priced through the Special Request Process. This means that CLEC does not pay an additional amount for an SMDI ("voice mail") port, or for the input/output port that provides report generation for PBX customers.

5.3.1.7 When CLEC purchases switch ports, the applicable prices contained on Appendix Pricing UNE - Schedule of Prices and labeled "Port Charge per month" will apply. In addition, applicable usage sensitive charges are found in Appendix Pricing UNE - Schedule of Prices labeled "Local Switching".

5.3.1.8 This Section Intentionally Left Blank

5.3.1.9 CLEC may request additional port types from SWBT through the Special Request process.

6.0 Tandem Switching

6.1 Definition: Tandem Switching is defined as: (1) trunk-connect facilities, including but not limited to the connection between trunk termination at a cross-connect panel and a switch trunk card, (2) the basic switching function of connecting trunks to trunks; and (3) all technically feasible functions that are centralized in tandem switches (as distinguished

from separate end office switches), including but not limited to call recording, the routing of calls to operator services, and signaling conversion features.

6.1.1 When CLEC uses Tandem Switching, SWBT will charge the price shown on Appendix Pricing UNE - Schedule of Prices labeled "Tandem Switching", subject to the Blended Transport provisions of Section 5.2.2.1.1.1.1 of Appendix Pricing UNE. No port charge applies with Tandem Switching.

6.2 Technical Requirements

6.2.1 Tandem Switching will provide trunk-to-trunk connections for local calls between two end offices including two offices belonging to different CLECs (e.g., between an CLEC end office and the end office of another CLEC).

6.2.2 To the extent all signaling is SS7, Tandem Switching will preserve CLASS/LASS features and Caller ID as traffic is processed. Additional signaling information and requirements are provided in Section 9.

6.2.3 SWBT will perform testing through the Tandem Switching element for CLEC in the same manner and frequency that it performs such testing for itself.

6.2.4 To the extent that SWBT manages congestion from the Tandem Switching element for itself, it will control congestion points such as those caused by radio station call-ins, and network routing abnormalities, using capabilities such as Automatic Call Gapping, Automatic Code Gapping, Automatic Congestion Control, and Network Routing Overflow. CLEC agrees to respond to SWBT's notifications regarding network congestion.

6.2.5 Where SWBT provides the Local Switching Network element and the Tandem Switching Network element to CLEC from a single switch, both Local Switching and Tandem Switching will provide all of the functionality required of each of these Network Elements in this Agreement.

7.0 Intentionally left blank

8.0 Interoffice Transport

The Interoffice Transport network element is defined as SWBT interoffice transmission facilities dedicated to a particular customer or carrier, or shared by more than one customer or carrier, that provide telecommunications between wire centers owned by

SWBT or CLEC or third parties acting on behalf of CLEC, or between switches owned by SWBT or CLEC or third parties acting on behalf of CLEC. Interoffice Transport includes Common Transport and Dedicated Transport.

8.1 Common Transport

8.1.1 Definition: Common Transport is a shared interoffice transmission path between SWBT switches. Common Transport will permit CLEC to connect its Local Switching element with Common Transport to transport the local call dialed by the Local Switching element to its destination through the use of SWBT's common transport network. Common Transport will also permit CLEC to utilize SWBT's common network between a SWBT tandem and a SWBT end office.

8.1.2 SWBT will be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Common Transport.

8.1.3 When CLEC purchases unbundled Local Switching, SWBT will charge the price shown on Appendix Pricing UNE - Schedule of Prices labeled "Common Transport" when such facilities are used on an interoffice call subject to Section 5.2.2.

8.2 **Dedicated Transport**

8.2.1 Dedicated Transport is an interoffice transmission path dedicated to a particular customer or carrier that provides telecommunications between wire centers owned by SWBT or CLEC or third parties acting on behalf of CLEC, or between switches owned by SWBT or CLEC or third parties acting on behalf of CLEC. Dedicated Transport includes interoffice dark fiber and Digital Cross-connect System (DCS) functionality as specified below. The price for dedicated transport is found in Appendix Pricing - UNE Schedule of Prices labeled "Interoffice Transport." Entrance facility rates are found in Appendix Pricing - UNE Schedule of Prices, labeled "Dedicated Transport, Entrance Facilities". Entrance facility rates apply in all cases in which unbundled dedicated transport is not being cabled through an existing collocation arrangement, whether physical or virtual. The parties agree that when CLEC collocates in SWBT central offices, and SWBT is not providing the connection between the SWBT central office and the CLEC premises (*i.e.*, the entrance facility), the "Dedicated Transport, Entrance Facilities" rate element would not apply. In this instance, CLEC provides the transmission facility between its premises and the SWBT premises and SWBT applies the unbundled Dedicated Transport interoffice rate elements for transport between SWBT offices, and the appropriate Collocation Interconnection Arrangement would apply. When SWBT provides the transmission facility (*i.e.*, the entrance facility) between the CLEC premises and the

SWBT central office, the entrance facility rate element would apply for such entrance facility in addition to any interconnection arrangement to connect the entrance facility to CLEC collocation space.

8.2.1.1 SWBT will offer Dedicated Transport as a circuit (e.g., DS1, DS3) dedicated to CLEC.

8.2.1.2 SWBT will offer Dedicated Transport using then-existing infrastructure facilities and equipment. To the extent facilities and equipment are not presently available, CLEC may request them pursuant to the Special Request process.

8.2.1.3 SWBT will provide Dedicated Transport at the following speeds: Voice Grade (VG) (analog), DS1(1.544 Mbps), DS3(45 Mbps), OC3(155.520 Mbps) and OC12(622.080 Mbps). In addition, SWBT offers OC48(2488.320 Mbps) bandwidth as an option for interoffice capacity. CLEC may request other interface options pursuant to the Special Request process.

8.2.1.4 Dedicated Transport elements are provided over such routes as SWBT may elect in its own discretion. If CLEC requests special routing of Dedicated Transport, SWBT will respond to such requests under the Special Request process.

8.2.1.5 Multiplexing/demultiplexing allows the conversion of higher capacity facilities to lower capacity facilities and vice versa.

8.2.1.5.1 SWBT will provide all technically feasible types of multiplexing/ demultiplexing, including optical multiplexing on an unbundled basis. However, if there are no cost studies filed for specific bandwidth of optical multiplexing a mutually agreeable rate for such equipment may be established through the special request process.

8.2.1.5.2 When CLEC requests stand-alone electronic multiplexing, it will pay rates and charges for Voice Grade to DS1 and DS1 to DS3 multiplexing and demultiplexing that are in addition to Dedicated Transport rates and charges. These charges are shown in Appendix Pricing - UNE - Schedule of Prices labeled "Multiplexing". Otherwise, electronic multiplexing used by SWBT in providing Dedicated Transport to CLEC is included in the Dedicated Transport rates and charges. CLEC may purchase stand-alone multiplexing without also purchasing dedicated transport elements. The multiplexing/demultiplexing and grooming associated with optical transport is included in the optical interoffice Dedicated Transport price. Stand-alone use of optical multiplexing may be requested through the Special Request process.

8.2.1.5.3 CLEC will use multiplexing/demultiplexing when connecting a DS1 or greater bandwidth Dedicated Transport element to a SWBT analog loop.

8.2.2 Interoffice Dark Fiber

8.2.2.1 SWBT will provide dark fiber in the dedicated interoffice transport segment of the network as an unbundled network element under the following conditions: SWBT will offer its dark fiber to CLEC when CLEC has collocation space in a SWBT tandem or end office, but may offer it pursuant to agreements that would permit revocation of CLEC's right to use the dark fiber upon twelve (12) months' notice by SWBT. The parties will develop a standardized form for leasing interoffice dark fiber and dark fiber feeder within 10 days after CLEC's initial request for dark fiber. Thereafter, within 30 days from receipt of an CLEC request for interoffice dark fiber, SWBT either will grant the request and issue an appropriate lease or deny the request and provide CLEC with a written explanation demonstrating SWBT's need to use the specific fiber requested by CLEC within the twelve month period following CLEC's request. To exercise its right of revocation, SWBT must demonstrate that the subject dark fiber is needed to meet SWBT's bandwidth requirements or the bandwidth requirements of another LSP. An LSP may not, in twenty-four (24) month period, lease more than 25% of SWBT's excess dark fiber capacity in a particular dedicated interoffice transport segment. If SWBT can demonstrate within a twelve (12) month period after the date of a dark fiber lease that CLEC is using the leased dark fiber capacity at a level of transmission less than OC-12 (622.08 million bits per second), SWBT may revoke the lease agreement with CLEC and provide CLEC with sufficient alternative means of transporting the traffic. SWBT will provide CLEC with the ability to connect to interoffice dark fiber. In each SWBT tandem or end office that serves as the point of termination for each interoffice dark fiber segment, SWBT will provide CLEC an appropriate termination point on a distribution frame or its equivalent. In addition, SWBT will provide connectivity to its dark fiber in any facility where it has an existing termination point or a patch panel.

8.2.2.2 CLEC may test the quality of the Interoffice Dark Fiber to confirm its usability and performance specifications.

8.2.2.3 SWBT will provide to CLEC information regarding the location, availability, and loss characteristics of Interoffice Dark Fiber within ten (10) business days after receiving a request from CLEC.

8.2.2.4 When CLEC purchases Interoffice Dark Fiber, CLEC will pay the charges shown on Appendix Pricing UNE - Schedule of Prices labeled "Dark Fiber - Interoffice".

8.2.3 Technical Requirements For All Dedicated Transport

This Section sets forth technical requirements for all Dedicated Transport.

8.2.3.1 When provided by SWBT to itself or when requested by CLEC pursuant to the Special Request process, and when technically feasible, Dedicated Transport will provide physical diversity. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits.

8.2.4 Digital Cross-Connect System (DCS)

8.2.4.1 SWBT will offer Digital Cross-Connect System (DCS) as part of the unbundled dedicated transport element with the same functionality that is offered to interexchange carriers, or additional functionality as the Parties may agree.

8.2.4.1.1 When CLEC specifically orders the DCS, the applicable prices described in the paragraphs below and contained on Appendix Pricing - UNE - Schedule of Prices and labeled "Digital Cross Connect Systems" will apply.

8.2.4.1.1.1 DCS Port Charge - A DCS rate per month applies per port requested. The three types of port configurations are as follows:

DS0 channel port termination.
DS1 channel port termination.
DS3 channel port termination.

8.2.4.1.1.2 DCS Establishment Charge - This charge applies for the initial setup of the CLEC database. The database setup is a grid, built by SWBT, that contains all of the unbundled dedicated transport circuits (loops and/or interoffice facilites) that CLEC will be able to control and reconfigure. Security, as well as circuit inventory, is built into the grid, permitting CLEC to control its own circuits. Also included is initial training on the system.

8.2.4.1.1.3 Database Modification Charge - This charge applies each time CLEC requests a modification of its database. A modification can be an addition or deletion of circuits terminating on a DCS, or a rearrangement of the database.

8.2.4.1.1.4 Reconfiguration Charge - This charge applies per termination point per DCS each time the routing of CLEC circuit is changed. As an example, if CLEC has a circuit routing from its location "A" through two DCS offices to its location "B"

and wants to reconfigure this circuit so that it is routed from "A" through two different DCS offices to location "C", four reconfiguration charges would apply. Two charges would apply for disconnecting from the original DCS offices and two charges would apply for connecting at the new DCS offices.

8.2.4.2 The DCS is a central office cross-connect system for the remote reconfiguration of Dedicated Transport facilities.

8.2.4.3 CLEC may utilize the DCS Dedicated Transport element through the use of a terminal on CLEC premises to access a database maintained by SWBT to reconfigure CLEC's Dedicated Transport facilities.

8.2.4.4 CLEC may use the DCS to directly access and control CLEC's 45 Mbps or 1.544Mbps facilities or unbundled Dedicated Transport, subtending channels, and Internodal Facilities (the facilities that connect a DCS in one central office with a DCS in another central office). DCS devices will perform 3/3, 3/1, and 1/0 type functions.

8.2.4.5 CLEC will remotely access the DCS by using a terminal on CLEC's premises in conjunction with CLEC's facilities or SWBT Unbundled Loops or Dedicated Transport elements (Entrance Facility and/or I/O Transport), or in conjunction with a local telephone line with a seven digit telephone number.

8.2.4.6 SWBT will make DCS available at those hubs where SWBT cross-connect systems are located. SWBT will provide a list of those hubs to CLEC.

8.2.4.7 SWBT will make two DCS options available to CLEC: On-demand; and Reservation. The on-demand option allows CLEC to make immediate changes to the network, while the reservation option allows CLEC to execute a change at a specified time designated by CLEC.

8.2.4.8 CLEC may use DCS to perform the following functions:

8.2.4.8.1 **Routing/Rerouting** - The routing feature allows CLEC to select the routes that will be used to connect circuits between DCSs. CLEC may control the route selection process by various parameters according to CLEC's needs. CLEC may also reroute circuits from a failed internodal facility to a working one.

8.2.4.8.2 **Renaming**-CLEC may rename its network locations, circuits, and facilities.

8.2.4.8.3 **Special Day Definition** - CLEC may specify circuit reconfiguration on special days, e.g., payday, holidays.

8.2.4.8.4 **Resource Verification** - CLEC may verify the resource availability for the reservation period in its reconfiguration request prior to the system's confirmation or denial of the request.

8.2.4.8.5 **Transaction Log** - CLEC is provided database log that contains every transaction involving reconfigurations.

8.2.4.8.6 **Compatibility Table** - CLEC may view the allowable access line combinations that can be used with the DCS.

8.2.4.8.7 **Path Priority** - CLEC may arrange its circuit paths in order of priority when multiple routes exist.

8.2.4.8.8 **Reservation Summary Screen** - CLEC may view the status of its reconfiguration reservations.

8.2.4.8.9 **MACRO Command/Network Modeling** - CLEC may initiate with one command, multiple two-point cross-connections. CLEC can build separate network models, such as day-time models, night-time models, and disaster recovery models and invoke their activation or switch from one to the other.

8.2.4.8.10 **Variable Bandwidth** - On Internodal Facilities, CLEC may use the variable bandwidth feature interchangeably to connect full STS1 (where available), 45Mbps or 1.544Mbps circuits, or to connect one or more individual subtending channels.

8.2.4.9 Technical Specifications

8.2.4.9.1 CLEC will only cross-connect with DCS that have identical technical characteristics for compatibility and proper operations, e.g., Data to Data, Voice to Voice.

8.2.4.9.2 DCS functionality includes wiring or other cabling from the DCS device to a distribution frame or its equivalent.

9.0 Signaling Networks and Call-Related and other Databases

Signaling Networks and Call-Related Databases is the Network Element that includes Signaling Link Transport, Signaling Transfer Points, and Service Control Points and

Call-Related Databases. SWBT will provide nondiscriminatory access to databases and associated signaling pursuant to this Agreement.

9.1 Signaling Link Transport

9.1.1 Definition: Signaling Link Transport is a set of multiples of two (A-links) or four (B- or D-links) dedicated full duplex mode 56 Kbps (or higher speeds when suitably equipped) transmission paths between CLEC STPs or switches and the SWBT STP pair that provides appropriate physical diversity when available. Generally the CLEC designated Signaling Points of Interconnection (SPOI) are at SWBT's STP or serving wire center.

9.1.1.1 CLEC and SWBT may choose to interconnect their existing SS7 networks. No charges under this Agreement will apply when CLEC transmits signaling for local service traffic using ports, links and cross connects between CLEC and SWBT STPs for which CLEC has paid the applicable charges in its capacity as an IXC.

9.1.1.2 When CLEC establishes new links, where CLEC will use existing transport to an existing SPOI, but will order a new cross-connect and port at SWBT's STP, CLEC will pay applicable rates labeled "SS7 Links Cross Connect" and "STP Port" in Appendix Pricing - UNE - Schedule of Prices. If either Party believes new links as described in this paragraph would be mutually beneficial, each Party agrees to negotiate at the request of the other Party. If, pursuant to the negotiations, the parties mutually agree that the new cross-connect and port is needed, SWBT will charge CLEC the applicable rates and charges established herein and CLEC will charge SWBT the lesser of CLEC's tariff rates, if any, or an amount equal to the applicable charges established herein. If SWBT does not agree that a new link as described in this paragraph is mutually beneficial, then SWBT will not use the new link and SWBT acknowledges that CLEC may block SWBT's usage of the new link.

9.1.1.3 If new links are established and CLEC elects to purchase unbundled SWBT transport between an CLEC STP or CLEC local switch and a SWBT STP or SPOI, using interfaces at the DS1 level, SWBT will provide a DS1 transport facility. CLEC will pay the rates and charges for each DS-1 shown on Appendix Pricing UNE - Schedule of Prices labeled "Unbundled Signaling - STP - Access Connection - 1.544 Mbps" (in addition to the port and cross connect described in 9.1.1.2).

9.1.1.3.1 If either Party believes the new DS-1 transport facility as described in the previous paragraph would be mutually beneficial, each Party agrees to negotiate at the request of the other Party. If, pursuant to the negotiations, the parties mutually agree that the new DS1 transport facility is needed, SWBT will charge CLEC the applicable charges

established herein and CLEC will charge SWBT the lesser of CLEC's tariff rates, if any, or an amount equal to the applicable charges established herein. If SWBT does not agree that a new facility as described in this paragraph is mutually beneficial, then SWBT will not use the new facility's links and SWBT acknowledges that CLEC may block SWBT's usage of the new facility's links.

9.1.1.4 If new links are established and the SPOI is located in a different end office than the STP, CLEC may purchase 56 Kbps transport between the SPOI and the cross connect panel where the STP is located (in addition to the port and cross connect required in 9.1.1.2 above). In this circumstance, CLEC will pay the rates and charges shown on Appendix Pricing UNE - Schedule of Prices labeled "Unbundled Signaling - STP Access Link - 56 Kbps."

9.1.1.4.1 If either Party believes new links as described in the previous paragraph would be mutually beneficial, each Party agrees to negotiate at the request of the other Party. If, pursuant to the negotiations, the parties mutually agree that the new 56Kbps transport facility is needed, SWBT will charge CLEC the applicable charges established herein, and CLEC will charge SWBT the lesser of CLEC's tariff rates, if any, or an amount equal to the applicable charges established herein. If SWBT does not agree that a new link as described in this paragraph is mutually beneficial, then SWBT will not use the new link and SWBT acknowledges that CLEC may block SWBT's usage of the new link.

9.1.2 Technical Requirements

9.1.2.1 Of the various options available, unbundled Signaling Link Transport will perform in the following two ways:

9.1.2.1.1 As an "A-link" which is a connection between a switch and a home Signaling Transfer Point (STP) pair; and

9.1.2.1.2 As a "B-link" or "D-link" which is an inter-connection between STPs in different signaling networks.

9.1.3 When CLEC provides its own switch or STP, CLEC will provide DS1 (1.544 Mbps) interfaces at the CLEC-designated SPOIs. Each 56 Kbps transmission path will appear as a DS0 channel within the DS1 interface.

9.1.4 CLEC will identify to SWBT the Signaling Point Codes (SPCs) associated with the CLEC set of links. CLEC will pay a non-recurring charge per STP pair when CLEC

requests SWBT to add a signaling point code at the rate reflected on the Appendix Pricing UNE - Schedule of Prices labeled "Point Code Addition" reflected under the heading of "Unbundled Signaling". This charge also applies to point code information provided by CLEC allowing other telecommunications providers to use CLEC's SS7 signaling network. If either Party believes the new Point Code would be mutually beneficial, each Party agrees to negotiate at the request of the other Party. If pursuant to the negotiations, the Parties agree that the Point Code Addition is mutually beneficial, SWBT will pay the lesser of CLEC's tariff rate, if any, or the charges identified herein.

9.1.4.1 When SWBT requests CLEC to add a signaling point code, SWBT will pay a non-recurring charge per STP pair at the lesser of CLEC's tariff rate, if any, or the charge reflected on the Appendix Pricing UNE - Schedule of Prices labeled "Point Code Addition" reflected under the heading of "Unbundled Signaling". This charge also applies to point code information provided by SWBT allowing other telecommunications providers to use SWBT's SS7 signaling network. If either Party believes the new Point Code would be mutually beneficial, each Party agrees to negotiate at the request of the other Party. If pursuant to the negotiations, the Parties mutually agree that the Point Code Addition is mutually beneficial, CLEC will pay the charges identified herein.

9.1.5 When CLEC provides its own switching, and purchases signaling link transport, CLEC will furnish to SWBT, at the time such transport is ordered and annually thereafter, an updated three year forecast of usage of the SS7 Signaling network. The forecast will include total annual volume and busy hour month volume. SWBT will utilize the forecast in its own efforts to project future facility requirements. CLEC will furnish such forecasts in good faith, but will not be restricted in its use of the signaling network based on such forecasts.

9.1.6 CLEC will inform SWBT in writing thirty (30) days in advance of any material expected change in CLEC's use of such SS7 Signaling Network. Any network management controls found necessary to protect SWBT's SS7 network from an overload condition will be applied based on non-discriminatory guidelines and procedures. Such management controls will be applied to the specific problem source to the extent technically feasible.

9.1.7 SWBT will inform CLEC in writing thirty (30) days in advance of any material expected change in SWBT's use of such SS7 Signaling Network. Any network management controls found necessary to protect CLEC's SS7 network from an overload condition will be applied based on non-discriminatory guidelines and procedures. Such management controls will be applied to the specific problem source to the extent technically feasible.

9.2 Signaling Transfer Points (STPs)

9.2.1 Definition: The Signaling Transfer Point element is a signaling network function that includes all of the capabilities provided by the Signaling Transfer Point (STPs) switches which enable the exchange of SS7 messages between switching elements, database elements and signaling transfer point switches via associated signaling links. Signaling Transfer Point includes the associated link interfaces.

9.2.1.1 CLEC may use the STP under three options, as follows:

9.2.1.1.1 Signaling for CLEC with its own Signaling Point, utilizing its own set of links: Use of the STP routes signaling traffic generated by action of CLEC to the destination defined by SWBT's signaling network, excluding messages to and from a SWBT Local Switching unbundled Network Element. MTP, ISUP, SCCP, TCAP and OMAP signaling traffic addressed to signaling points associated with CLEC set of links will be routed to CLEC.

9.2.1.1.1.1 SS7 Transport will apply to SS7 messages transported on behalf of CLEC from a SWBT STP pair to a SWBT STP pair located in a different LATA. The message would be routed in the same manner as SWBT routes SS7 messages for itself (e.g., local STP to regional STP to regional STP to local STP). The rate will apply to ISUP and TCAP messages. When CLEC uses SS7 Transport between one or more SWBT STP pairs, for each segment transported (i.e., from an SWBT STP pair to an adjacent SWBT pair), CLEC will pay the charges labeled "SS7 Signaling Transport per call" on Appendix Pricing UNE - Schedule of Prices. CLEC will be charged for the use of the SWBT SS7 signaling on a per call basis.

9.2.1.1.1.2 If CLEC elects to be billed for this signaling transport at the UNE rate referenced in the preceding paragraph, CLEC will be required to use a unique point code for each CLEC local switching office, in those circumstances when call completion requires use of an STP located in a different LATA than that in which the call originated. If CLEC does not provide a unique point code, CLEC will be charged at a tariffed rate.

9.2.1.1.2 Signaling for CLEC with its own Signaling Point, utilizing a set of links of another party: CLEC may order signaling associated with the set of links of another party by including a Letter of Authorization (LOA) from the owner of the set of links at the time service is ordered. The LOA will indicate that the owner of the set of links will accept SWBT charges for SS7 signaling ordered by CLEC.

9.2.1.1.3 Signaling for CLEC utilizing SWBT's Local Switching Unbundled Network Element (UNE): Use of SWBT's SS7 signaling network will be provided as set forth in an order for the Local Switching unbundled network element. CLEC does not separately order SS7 signaling under this method. CLEC will be charged for the use of the SWBT SS7 signaling on a per call basis at the interim rate of 200 times the octet rate contained on Appendix Pricing UNE - Schedule of Prices and labeled as "SS7 Transport Rate". This per call rate is also shown as SS7 Signaling in the Appendix Pricing UNE - Schedule of Prices.

9.2.2 Technical Requirements

9.2.2.1 STPs will provide signaling connectivity to Network Elements connected to the SWBT SS7 network. These include:

9.2.2.1.1 SWBT Local Switching or Tandem Switching;

9.2.2.1.2 SWBT Service Control Points/Call Related Databases;

9.2.2.1.3 Third-party local or tandem switching systems; and

9.2.2.1.4 Third-party-provided STPs.

9.2.2.2 The Parties will indicate to each other the signaling point codes and other screening parameters associated with each Link Set ordered by CLEC at the SWBT STPs, and each Party will provision in accordance with these parameters where technically feasible. CLEC may specify screening parameters so as to allow transient messages to cross the SWBT SS7 Network. The Parties will identify to each other the Global Title and Translation Type information for message routing. Unless the Parties agree that the Global Title Translation is mutually beneficial, CLEC will pay a non-recurring charge when CLEC requests SWBT to add Global Title Translation Type information for message routing, in connection with its use of unbundled signaling. These charges are identified in the Appendix Pricing UNE - Schedule of Prices as "Global Title Translation Addition". If either Party believes the new Global Title Translation would be mutually beneficial, each Party agrees to negotiate at the request of the other Party. If pursuant to the negotiations, the Parties agree that the Global Title Translation is mutually beneficial, SWBT will pay the lesser of CLEC's tariff rate, if any, or the charges identified herein.

9.2.2.3 The connectivity provided by STPs will fully support the functions of all other Network Elements connected to the SWBT SS7 network. This explicitly includes the

use of the SWBT SS7 network to convey messages which neither originate nor terminate at a signaling end point directly connected to the SWBT SS7 network. When the SWBT SS7 network is used to convey such messages, there will be no intentional alteration of the Integrated Services Digital Network User Part (ISDNUP) or Transaction Capabilities Application Part (TCAP) user data that constitutes the content of the message. In its capacity as an LSP, CLEC will transfer Calling Party Number Parameter information unchanged, including the "privacy indicator" information, when ISUP Initial Address Messages are interchanged with the SWBT signaling network.

9.2.2.4 If the SWBT STP does not have a route to the desired Signaling Point Code, CLEC will submit a request indicating the proposed route. If the proposed route uses a set of links not associated with CLEC, CLEC will include a letter of agency that indicates the third party is willing to receive the messages and pay any applicable charges. Use of the STP provides a signaling route for messages only to signaling points to which SWBT has a route. SWBT will add the SPC to the STP translations if technically feasible.

9.2.2.5 In cases where the destination signaling point is a SWBT local or tandem switching system or DB, or is CLEC or third party local or tandem switching system directly connected to the SWBT SS7 network, STPs will perform MRVT and SRVT to the destination signaling point, if and to the extent these capabilities exist on the particular SWBT STPs. In all other cases, STPs will perform MRVT and SRVT to a gateway pair of STPs in an SS7 network connected with the SWBT SS7 network, if and to the extent these capabilities exist on the particular SWBT STPs. This requirement will be superseded by the specifications for Internetwork MRVT and SRVT if and when these become approved ANSI standards and if and to the extent these capabilities exist on the particular SWBT STPs.

9.2.3 Interface Requirements

9.2.3.1 SWBT will provide STP interfaces to terminate A-links, B-links, and D-links.

9.2.3.2 CLEC will designate the Signaling Point of Interconnection (SPOI) for each link. CLEC will provide a DS1 or higher rate transport interface at each SPOI.

9.2.3.3 SWBT will provide intraoffice diversity to the same extent as it provides itself between the SPOIs and the SWBT STPs. CLEC may request and SWBT will provide, to the extent technically feasible, greater diversity through the Special Request process.

9.3 Service Control Points/Call-Related Databases

9.3.1 Definition: Call-related databases are the Network Elements that provide the functionality for storage of, access to, and manipulation of information required to offer a particular telecommunications service and/or capability.

9.3.1.1 A Service Control Point (SCP) is a specific type of Network Element where call related databases can reside. SCPs deployed in a Signaling System 7 (SS7) network execute service application logic in response to SS7 queries sent to them by a switching system also connected to the SS7 network. SCPs also provide operational interfaces to allow for provisioning, administration and maintenance of subscriber data and service application data. (e.g., an 800 database stores customer record data that provides information necessary to route 800 calls).

9.3.2 **Technical Requirements for SCPs/Call-Related Databases**

9.3.2.1 Requirements for SCPs/Call-Related Databases within this section address storage of information, access to information (e.g. signaling protocols, response times), and administration of information (e.g., provisioning, administration, and maintenance). All SCPs/Call-Related Databases will be provided to CLEC in accordance with the following requirements, except where such a requirement is superseded by specific requirements set forth in Sections 9.4 through 9.7:

9.3.2.2 SWBT will provide physical interconnection to SCPs through the SS7 network and protocols, as specified in Section 9.2 of this Attachment, with TCAP as the application layer protocol.

9.3.2.3 SWBT will make its database functionality available to CLEC using the same performance criteria as is applied to SWBT's use. To the extent those performance criteria exist in written form, they will be shared with CLEC and SWBT will provide CLEC with the opportunity to comment on such criteria.

9.3.2.4 The Parties will provide Permanent Local Number Portability (PLNP) as soon as it is technically feasible in conformance with FCC rules and the Act, will participate in development of PLNP in the state in accordance with the FCC's First Report and Order in Docket No. 95-116, and will negotiate terms and conditions concerning access to PLNP as database requirements and plans are finalized.

9.4 Line Information Database (LIDB)

9.4.1 Definition: The Line Information Data Base (LIDB) is a transaction-oriented database that functions as a centralized repository for data storage and retrieval.

LIDB is accessible through Common Channel Signaling (CCS) networks. It contains records associated with customer Line Numbers and Special Billing Numbers. LIDB accepts queries from other Network Elements and provides return result, return error and return reject responses as appropriate. LIDB queries include functions such as screening billed numbers that provides the ability to accept Collect or Third Number Billing calls and validation of Telephone Line Number based non-proprietary calling cards. The interface for the LIDB functionality is SWBT's regional STP. LIDB also interfaces with a service management system as defined below.

9.4.1.1 Query transport will be charged on a per query basis at a rate reflected on Appendix Pricing - UNE Schedule of Prices labeled "Query Transport." LIDB Validation will be charged on a per query basis at the rate reflected on Appendix Pricing - UNE Schedule of Prices labeled "LIDB Validation." (This includes Validation, SMS, and SLEUTH functionality.) CNAM Service Query will be charged on a per query basis at the rate reflected on Appendix Pricing - UNE Schedule of Prices labeled "CNAM Service Query." (This includes service query and SMS functionality.) LIDB usage rates (i.e., CNAM Service Query, LIDB Validation, and Query Transport) will be modified to reflect weighted average prices from Texas, Missouri, Oklahoma, Kansas, and Arkansas once cost review processes are complete in all states. The parties will submit a modification to this Agreement and will true-up to the modified prices. A service order charge for LIDB validation will be charged at the rate reflected on Appendix Pricing - UNE Schedule of Prices labeled as "Service Order Charge". This charge applies when CLEC places an order to activate, change, or modify a point code. When CLEC has not previously established a given switch on SWBT's STP, but CLEC wants to use that switch to issue LIDB queries, the switch must be identified to LIDB through point code additions. In that event, a nonrecurring charge for activating, changing, or modifying a point code will be charged at a rate reflected on the Appendix Pricing UNE - Schedule of Prices labeled "Point Code Addition" reflected under the heading of "Unbundled Signaling.

9.4.1.1.1 SWBT will waive the non-recurring charge for the initial order establishing CNAM Query subject to the early termination provisions in Section 9.4.1.1.2 of this Amendment. Additional non-recurring charges for point code activation shall be applicable for all such activity after the initial point code activation. The applicable non-recurring charge is set forth in the Pricing Schedule.

9.4.1.1.2 Should CLEC terminate this Amendment within the first six (6) months of its effective date, CLEC agrees to pay SWBT an early termination sum equal to two (2) times the average monthly volume of CLEC's CNAM Queries times the usage rates specified in the Pricing Schedule or, if CLEC terminates this Amendment within less than two months, CLEC agrees to pay SWBT for twice the volume of Queries that occurred during the first month service was provided.

9.4.1.2 Alternate Billing Service (ABS) means a service that allows end users to bill calls to accounts that may not be associated with the originating line. There are three types of ABS calls: calling card, collect, and third number billed calls.

9.4.1.3 Billed Number Screening (BNS) means a validation of toll billing exception (TBE) data.

9.4.1.4 Calling Card Service (CCD) means a service that enables a calling customer to bill a telephone call to a calling card number with or without the help of an operator.

9.4.1.5 Common Channel Signaling (CCS) Network means an out-of-band, packet-switched, signaling network used to transport supervision signals, control signals, and data messages. Validation Queries and Response messages are transported across the CCS network.

9.4.1.6 Data Owner means telecommunications companies that administer their own validation data in a party's LIDB or LIDB-like database.

9.4.1.7 Line Record means information in LIDB that is specific to a single telephone number or special billing number.

9.4.1.8 Originating Point Code (OPC) means a code assigned to identify LSP's operator service system location(s).

9.4.1.9 Special Billing Number means line records in LIDB that are based on an NPA-0/1XX numbering format. NPA-0/1XX numbering formats are similar to NPA-NXX formats except that the fourth digit of an NPA-0/1XX line record is either a zero (0) or a one (1).

9.4.1.10 Toll Billing Exception (TBE) Service means a service that allows end users to restrict third number billing or collect calls to their lines.

9.4.1.11 Validation information means Data Owners' records of all their Calling Card Service and Toll Billing Exception Service.

9.4.1.12 SWBT has established a LIDB database users group.

9.4.2 LIDB Validation

9.4.2.1 SWBT will provide CLEC access to Validation information whenever CLEC initiates a query from an SSP for Validation information available in SWBT's LIDB.

9.4.2.2 All CLEC validation queries to SWBT's LIDB will use a translation type 253 and a subsystem number in the calling party address field that is mutually agreed upon. CLEC acknowledges that such subsystem number and translation type values are currently necessary for SWBT to properly process Validation queries to its LIDB.

9.4.2.3 SWBT may employ certain automatic and/or manual overload controls to protect SWBT's CCS/SS7 network. SWBT will report to CLEC any instances where overload controls are invoked due to CLEC's CCS/SS7 network and CLEC agrees in such cases to take corrective action to the same extent SWBT prescribes for itself. Any network management controls found necessary to protect LIDB Validation from an overload condition will be applied based on non-discriminatory guidelines and procedures. Such management controls will be applied to the specific problem source to the extent technically feasible.

9.4.2.4 SWBT's LIDB will contain a record for every SWBT working line number and Special Billing Number served by SWBT. Other telecommunications companies, including CLEC, may also store their data in SWBT's LIDB. SWBT will request such telecommunications companies to also provide a record for every working line number and Special Billing Number served by those companies.

9.4.2.5 SWBT's LIDB Validation Service will provide the following functions on a per query basis: validation of a telecommunications calling card account number stored in LIDB; determination of whether the billed line has decided in advance to reject certain calls billed as collect or to a third number; and determination of billed line as a public (including those classified as semi public) or nonworking telephone number.

9.4.2.6 SWBT provides LIDB Validation Service as set forth in this Attachment only as such service is used for CLEC's LSP activities on behalf of its Missouri local service customers where SWBT is the incumbent local exchange carrier. CLEC agrees that any other use of SWBT's LIDB for the provision of LIDB Validation Service by CLEC will be pursuant to the terms, conditions, rates, and charges of SWBT's effective tariffs, as revised, for LIDB Validation Service.

9.4.2.6.1 CLEC will be charged for LIDB validation queries, consistent with Section 9.4.1 of this Attachment, in the event that CLEC is using its own OS platform.

9.4.2.6.2 In the event that CLEC is using SWBT's OS platform, until otherwise agreed, no charge is made for such Validation queries other than applicable OS charges as defined in Attachment 23 OS-Fac.

9.4.2.6.3 SWBT cannot distinguish between queries from CLEC's Operator Services Position System (OSPS) as an LSP within the SWBT traditional five state serving area and

queries from CLEC's OSPS as an IXC. If for any reason the rates for the LSP query and/or query transport and the rates for the IXC query and/or query transport rate diverge prior to the development of any technically feasible method to distinguish LSP queries from IXC queries, CLEC will develop an allocation factor to distinguish the proportion of queries attributed to CLEC as an IXC and those attributed to CLEC as an LSP within the SWBT serving area. Should CLEC opt to treat all queries at the higher rate, CLEC will not be required to develop an allocation factor.

9.4.2.6.4 SWBT will notify CLEC of any divergence of rates no later than the effective date of the divergence. Within 10 days after receipt of notice CLEC will advise SWBT whether CLEC elects to pay the higher rate (e.g., assume all queries are LSP or IXC driven, whichever is higher) or elects to develop an allocation factor. CLEC will provide its factor and SWBT will accept and apply the factor as soon as technically feasible but in no event later than 90 days after CLEC notifies SWBT of its intent to develop a factor. Until CLEC develops and provides its factor, SWBT shall treat all queries at the higher rate, except that a true up will occur for the period of time required for implementation of the allocation factor, but in no event to exceed 90 days. Factors may be changed by CLEC on a quarterly basis and subject to audit by SWBT on a yearly basis.

9.4.2.7 LIDB Validation provided by SWBT to CLEC will meet applicable regulatory performance standards and requirements and be at least equal in quality and performance as that which SWBT provides to itself. LIDB Validation will be provided in accordance with SWBT Technical Publications or other like SWBT documents, as changed from time to time by SWBT at its sole discretion, to the extent consistent with the Act. Such publications and documents will be shared with CLEC and SWBT will provide CLEC with the opportunity to comment. CLEC may request and SWBT will provide, to the extent technically feasible, LIDB Validation that is superior or lesser in quality than SWBT provides to itself and such service will be requested pursuant to the Special Request process.

9.4.3 Ownership of Validation Information

9.4.3.1 CLEC's access to any LIDB Validation information does not create any ownership interest that does not already exist. Telecommunications companies, including CLEC, depositing information in SWBT's LIDB may retain full and complete ownership and control over such information.

9.4.3.2 Unless expressly authorized in writing by parties, LIDB Validation is not to be used for purposes other than validating ABS-related calls. CLEC may use LIDB Validation for such functions only on a call-by-call basis.

9.4.3.3 Proprietary information residing in SWBT's LIDB is protected from unauthorized access and CLEC may not store such information in any table or database for any reason. All information related to alternate billing service is proprietary. Examples of proprietary information are as follows:

- Billed (Line/Regional Accounting Office (RAO)) Number
- PIN Number(s)
- Billed Number Screening (BNS) indicators
- Class of Service (also referred to as Service or Equipment)
- Reports on LIDB usage
- Information related to billing for LIDB usage
- LIDB usage statistics.

9.4.3.4 CLEC agrees that it will not copy, store, maintain, or create any table or database of any kind that is based upon a response to a query to SWBT's LIDB.

9.4.3.5 If CLEC acts on behalf of other carriers to access SWBT's LIDB Validation, CLEC will contractually prohibit such carriers from copying, storing, maintaining, or creating any table or database of any kind from any response provided by SWBT after a Validation query to SWBT's LIDB.

9.4.3.6 SWBT will share end user information, pertinent to fraud investigation, with CLEC when validation queries for the specific end user reaches SWBT's established fraud threshold level. This fraud threshold level will be applied uniformly to all end user information in SWBT's LIDB.

9.4.3.7 Nothing in Sections 9.4.3.1 through 9.4.3.7 is intended to restrict CLEC's use or storage of CLEC data created or acquired independently of SWBT's LIDB Validation.

9.4.4 LIDB Storage and Administration

9.4.4.1 Definitions:

9.4.4.1.1 **Data Base Administration Center (DBAC)** - A SWBT location where facility and administrative personnel are located for administering LIDB and/or Sleuth.

9.4.4.1.2 **Group** - For the purpose of this Attachment, a specific NPA-NXX and/or NPA-0/1XX combination.

9.4.4.1.3 **Group Record** - Information in LIDB or LVAS that is common to all lines or billing records in an NPA-NXX or NPA-0/1XX.

9.4.4.1.4 **LIDB Editor** - A database editor located at the SCP where LIDB resides. LIDB Editor provides emergency access to LIDB that bypasses the service management system for LIDB.

9.4.4.1.5 **Line Validation Administration System (LVAS)** - An off-line administrative system, used by SWBT to add, delete and change information in LIDB. For purposes of this Attachment, LVAS is SWBT's service management system for LIDB.

9.4.4.1.6 **Line Record** - Information in LIDB or LVAS that is specific to a single telephone number or Special Billing Number.

9.4.4.1.7 **Toll Billing Exception (TBE)** - A LIDB option that allows end users to restrict third number billing or collect calls to their lines.

9.4.4.1.8 **Service Management System (SMS)** - An off-line system used to access, create, modify, or update information in LIDB. For the purposes of this Attachment, the SMS for LIDB is LVAS.

9.4.4.1.9 **Sleuth** - An off-line administration system that SWBT uses to monitor suspected occurrences of ABS-related fraud. Sleuth uses a systematic pattern analysis of query message data to identify potential incidences of fraud that may require investigation. Detection parameters are based upon vendor recommendations and SWBT's analysis of collected data and are subject to change from time to time.

9.4.4.1.10 **Special Billing Number (SBN) Account Groups** - Line records in LIDB that are based on an NPA-0/1XX numbering format. NPA-0/1XX numbering formats are similar to NPA-NXX formats except that the fourth digit of an NPA-0/1XX line record is either a zero (0) or a one (1).

9.4.4.1.11 **Tape Load Facility** - A separate data entry point at the SCP where LIDB resides. The tape load facility provides direct access to LIDB for data administration and bypasses the service management system of SWBT's LIDB.

9.4.4.1.12 **Translation Type** - A code in the Signaling Connection Control Point (SCCP) of the SS7 signaling message. Translation Types are used for routing LIDB queries. Signal Transfer Points (STPs) use Translation Types to identify the routing table used to route a LIDB query. Currently, all LIDB queries against the same exchange and Translation Type are routed to the same LIDB.

9.4.4.2 General Description and Terms

9.4.4.2.1 SWBT's LIDB is connected directly to a service management system (i.e., LVAS), a database editor (i.e., LIDB Editor), and a tape load facility. Each of these facilities,

processes, or systems, provide SWBT with the capability of creating, modifying, changing, or deleting, line/billing records in LIDB. SWBT's LIDB is also connected directly to an adjunct fraud monitoring system (i.e., Sleuth).

9.4.4.2.2 From time-to-time, SWBT enhances its LIDB to create new services and/or LIDB functionalities. Such enhancements may involve the creation of new line-level or group-level data elements in LIDB. SWBT will coordinate with CLEC to provide CLEC with the opportunity to update its data concurrent with SWBT's updates of SWBT's own data. Both parties understand and agree that some LIDB enhancements will require LSP to update its line/billing records with new or different information.

9.4.4.2.3 Administration of the SCP on which LIDB resides, as well as any system or query processing logic that applies to all data resident on SWBT's LIDB is, and remains, the responsibility of SWBT. CLEC understands and agrees that SWBT, in its role as system administrator, may need to access any record in LIDB, including any such records of CLEC. SWBT will limit such access to those actions necessary to ensure the successful operation and administration of SWBT's SCP and LIDB.

9.4.4.2.4 SWBT does not presently have data screening capability in LIDB. Data Screening is the ability of a LIDB owner to deny complete or partial access to LIDB data or processes. At such time as SWBT has LIDB Data Screening capability for individual data owners, including itself, it will make that capability available to CLEC.

9.4.4.2.5 On behalf of third parties who query LIDB for CLEC data and receive a response verifying the end user's willingness to accept the charges for the underlying call, CLEC at its election either will bill the appropriate charges to end users or will provide all necessary billing information needed by the third party to bill for the services provided.

9.4.4.2.6 Upon receipt of the Line Record from CLEC, SWBT will provide the functionality needed to perform the following query/response functions, on a call-by-call basis, for the line records residing in SWBT's LIDB to: (1) validate a 14-digit billing number where the first 10 digits are a telephone number or a special billing number assigned and the last four digits (PIN) are a security code assignment; (2) determine whether the billed line automatically rejects, accepts, or requires verification of certain calls billed as collect or third number; and (3) determine whether the billed line is a public telephone number using the Class of Service Information in LIDB.

9.4.4.2.7 To the extent that CLEC stores its own Validation information in a database other than SWBT's, such information will be made available to SWBT through an industry standard technical interface and on terms and conditions set forth by tariff or by a separate agreement between SWBT and the database provider. SWBT agrees to

negotiate in good faith to reach such an agreement. If SWBT is unable or chooses not to enter into an agreement with a database provider, CLEC acknowledges that such CLEC validation information will be unavailable to any customer including CLEC served by SWBT OS platforms.

9.4.4.2.8 CLEC understands and agrees that SWBT is the sole determinant and negotiating party for any access to SWBT's LIDB. CLEC does not gain any ability, by virtue of this Attachment, to determine which telecommunications companies are allowed to access information in SWBT's LIDB. CLEC understands and agrees that when SWBT allows a query originator to access SWBT data in SWBT's LIDB, such query originators will also have access to CLEC's data that is also stored in SWBT's LIDB.

9.4.4.3 Line Validation Administration System (LVAS)

9.4.4.3.1 LVAS provides CLEC with the capability to access, create, modify, or update information in LIDB. LVAS has two electronic interfaces. These interfaces are the Service Order Entry Interface and the Interactive Interface. If not claimed by CLEC, a LIDB record may be considered abandoned by SWBT and deleted from the LIDB database. However, a LIDB record shall not be considered abandoned for at least 21 days beyond the date that SWBT sends a Service Order Completion (SOC) to CLEC to indicate that a service order has been completed.

9.4.4.3.2 For UNE-P orders, SWBT shall work within the change management process to develop functionality that will enable it to populate the LIDB database based on information provided by CLEC through the initial LSR establishing a new connect or migration of CLEC's end user customer. SWBT shall provide these enhancements to CLEC for testing on or before December 15, 1999, with implementation scheduled for mid-January, 2000.

9.4.4.3.3 Concurrent with implementation of the LIDB record population functionality for UNE-P orders referenced in § 9.4.4.3.2 above, SWBT will provide CLEC with the option of either: 1) utilizing unbundled access to LVAS through the interfaces described in § 9.4.4.3.1 for the purpose of creating, modifying, updating or deleting its LIDB information; or 2) electing to have SWBT provide ongoing administration of LIDB updates. These two options are mutually exclusive, and may not be used in conjunction with each other. For on-going administration of the LIDB record via the LSR, SWBT will work within the change management process to mechanize its LIDB administration offering. SWBT shall work within the Change Management Process to provide this functionality to CLEC prior to December 31, 2000. An interim performance measurement approved by the Commission shall apply until this functionality is available.

9.4.4.3.4 There is no separate charge for CLEC's use of LVAS under this Agreement.

9.4.4.3.5 CLEC may participate in a forum established by SWBT for all users of SWBT's LIDB administration system (LVAS). This group meets quarterly, at the discretion of the group, to discuss issues regarding SWBT's LIDB, including Line Record and system administration.

9.4.4.4 Service Order Entry Interface

9.4.4.4.1 The Service Order Entry Interface provides CLEC with unbundled access to SWBT's LVAS that is equivalent to SWBT's own service order entry process to LVAS. Service Order Entry Interface allows CLEC to electronically transmit properly formatted records from CLEC's service order process into LVAS.

9.4.4.4.2 CLEC's access to the Service Order Entry Interface will be through a remote access facility (RAF). The RAF will provide SWBT with a security gateway for CLEC access to the Service Order Entry Interface. The RAF will verify the validity of CLEC's transmissions and limit CLEC's access to SWBT's Service Order Entry Interface to LVAS. CLEC does not gain access to any other SMS, interface, database, or operations support system through this Appendix.

9.4.4.4.3 SWBT will provide CLEC with the file transfer protocol specifications CLEC will use to administer CLEC's data over the Service Order Entry Interface. CLEC acknowledges that transmission in such specified protocol is necessary for SWBT to provide LSP with Data Base Administration and Storage.

9.4.4.4.4 CLEC can choose the Service Order Entry Interface as its only interface to LVAS and LIDB or CLEC can choose to use this interface in conjunction with any other interface that SWBT provides under this Appendix except the Manual Interface.

9.4.4.4.5 SWBT will provide CLEC with SWBT-specific documentation for properly formatting the records CLEC will transmit over the Service Order Entry Interface.

9.4.4.4.6 CLEC understands that its record access through the Service Order Entry Interface will be limited to its own line/billing records.

9.4.4.5 Interactive Interface

9.4.4.5.1 The Interactive Interface provides CLEC with unbundled access to SWBT's LVAS that is equivalent to SWBT's access at its LIDB DBAC. Interactive Interface provides CLEC with the ability to have its own personnel access CLEC's records via an application screen that is presented on a computer monitor. Once CLEC has

accessed one of its line/billing records, CLEC can perform all of the data administration tasks SWBT's LIDB DBAC personnel can perform on SWBT's own line/billing records.

9.4.4.5.2 SWBT will provide CLEC with Interactive Interface through a modem. CLEC understands that its record access through the Interactive Interface will be limited to its own line/billing records.

9.4.4.5.3 CLEC will use hardware and software that is compatible with LVAS hardware and software.

9.4.4.5.4 CLEC can choose to request the Interactive Interface as its only interface to LVAS and LIDB or CLEC can choose to use this interface in conjunction with any other interface that SWBT provides under this Appendix except the Manual Interface.

9.4.4.6 Tape Load Facility Interface

9.4.4.6.1 Tape Load Facility Interface provides CLEC with unbundled access to SWBT's Tape Load Facility in the same manner that SWBT accesses this facility. Tape Load Facility Interface allows CLEC to create and submit magnetic tapes for input into LIDB.

9.4.4.6.2 The Tape Load Facility Interface is not an interface to LVAS. The Tape Load Facility interface is an entry point to LIDB at the SCP where LIDB resides.

9.4.4.6.3 The Tape Load Facility Interface is available only when the amount of information is too large for LVAS to accommodate. Both parties agree that these situations normally occur during the initial load of an LSP's information into LIDB or when LIDB is updated for a new product. The Tape Load Facility Interface is not available for ongoing updates of information. CLEC may request the Tape Load Facility Interface only when its updates exceed 100,000 line/billing records over and above CLEC's normal daily update processing.

9.4.4.6.4 CLEC will create its own tapes in formats specified in GR-446-CORE, Issue 2, June 1994, as revised. Such tapes will only include information associated with CLEC's line/billing records.

9.4.4.6.5 CLEC will deliver a separate set of tapes, each having identical information to each SCP node on which LIDB resides. SWBT will provide CLEC with the name and address of the SWBT employee designated to receive the tapes at each location.

9.4.4.6.6 In addition to the tapes CLEC will create and deliver to the SCP node locations, CLEC will deliver an additional set of tapes to the LVAS System Administrator so

that SWBT can load CLEC's updates into LVAS. CLEC understands that these additional tapes must contain information identical to the tapes delivered to the SCP nodes, but that the format will differ. SWBT will provide CLEC SWBT-specific documentation for record formats of these additional tapes. SWBT will use these tapes to create CLEC records in LVAS that correspond with the records being loaded into LIDB using the Tape Load Facility Interface. SWBT will provide CLEC with the name and address of the SWBT System Administrator to whom the LVAS update tapes should be sent.

9.4.4.6.7 SWBT and CLEC will coordinate to establish mutually agreed upon dates and times for tape loads of CLEC data when such loads are the result of an CLEC request.

9.4.4.6.8 CLEC understands and agrees that its record access through the Tape Load Facility Interface is only for CLEC's own line/billing records. CLEC will not use the Tape Load Facility Interface to modify any group record. CLEC will not use the Tape Load Facility Interface to modify any line/billing record not belonging to CLEC.

9.4.4.7 LIDB Editor Interface

9.4.4.7.1 LIDB Editor Interface provides CLEC with unbundled access to SWBT's LIDB Editor equivalent to SWBT's manner of access. LIDB Editor provides CLEC with emergency access to LIDB only when LVAS is unable to access LIDB or is otherwise inoperable.

9.4.4.7.2 LIDB Editor Interface is not an interface to LVAS. LIDB Editor is an SCP tool accessible only by authorized SWBT employees. CLEC will have access to SWBT employees authorized to access LIDB Editor during the same times and under the same conditions that SWBT has access to LIDB Editor.

9.4.4.7.3 CLEC understands that its record access through the LIDB Editor Interface will be limited to its own line/billing records.

9.4.5 Audits

SWBT will provide CLEC with LIDB audit functionality as described immediately below.

9.4.5.1 LIDB Audit

9.4.5.1.1 This audit is between LVAS and LIDB. This audit verifies that LVAS records match LIDB records. The LIDB Audit is against all line record and group record information in LVAS and LIDB, regardless of data ownership.

9.4.5.1.2 SWBT will run the LIDB audit continuously throughout each and every day.

9.4.5.1.3 SWBT will create a "variance file" of all CLEC records that fail the LIDB audit. CLEC can access this file through the Interactive Interface.

9.4.5.1.4 CLEC will investigate accounts that fail the LIDB audit and correct any discrepancies within fourteen (14) days after the discrepancy is placed in the variance file. CLEC will correct all discrepancies using the LVAS interface(s) CLEC has requested under this Attachment.

9.4.5.2 Billing System Audit

9.4.5.2.1 This audit is between LVAS and SWBT's billing system(s). This audit verifies that LVAS records match SWBT's billing system records.

9.4.5.2.2 SWBT will provide CLEC with access equivalent to SWBT's own access to the billing system audit functionality. SWBT will provide CLEC with a file containing CLEC's records in LIDB. CLEC will specify if the billing system audit tape will be delivered by either magnetic tape or electronically over the Service Order Entry Interface.

9.4.5.2.3 CLEC will audit its LIDB accounts against CLEC's billing system and correct any discrepancies within a reasonable time and in no event longer than ten calendar days. CLEC will correct all discrepancies using the LVAS interface(s) CLEC has requested under this Attachment.

9.4.5.2.4 SWBT will provide CLEC scheduled and nonscheduled billing system audits as set forth following.

9.4.5.2.4.1 Scheduled Audits:

SWBT will provide CLEC with a billing system audit file twice per year. Such audit files will represent CLEC's entire data store in LVAS. The Parties will mutually agree upon the dates such audit files will be provided.

9.4.5.2.4.2 Unscheduled Audits:

CLEC can request additional audit files and SWBT will work cooperatively to accommodate all reasonable CLEC requests for such additional audit files.

9.4.6 Sleuth

9.4.6.1 Sleuth notification provides CLEC with Sleuth alert messages. Sleuth alert messages indicate potential incidences of ABS-related fraud for investigation.

9.4.6.2 SWBT will provide CLEC with an alert notification, by fax, or another mutually agreed upon format, when SWBT's Sleuth system indicates the probability of a fraud incidence. SWBT will use the same criteria to determine fraud alerts for CLEC as SWBT uses for its own accounts.

9.4.6.3 SWBT's Sleuth investigators can access alerts only in the order the alerts appear in the queue. Low alerts almost never see investigator treatment. However, when Sleuth encounters a number of low priority alerts on the same account, Sleuth may upgrade the alert's status to a higher priority status.

9.4.6.4 When a Sleuth investigator determines that an urgent, high, or medium priority alert is for an CLEC account, the Sleuth investigator will print the alert from the queue and fax the alert to the CLEC. Sleuth alerts only identify potential occurrences of fraud. SWBT will not perform its own investigation to determine whether a fraud situation actually exists for an CLEC account. CLEC will determine what, if any action it should take as a result of a Sleuth alert.

9.4.6.5 SWBT's hours of operation for Sleuth are seven days a week, twenty-four hours per day (7X24). CLEC will provide SWBT with a contact name and fax number for SWBT to fax alerts from SWBT's Sleuth DBAC.

9.4.6.6 SWBT will provide CLEC with a Sleuth contact name and number, including fax number, for CLEC to contact the Sleuth DBAC.

9.4.6.7 For each alert notification SWBT provides to CLEC, CLEC may request a corresponding 30-day historical report of ABS-related query processing. CLEC may request up to three reports per alert.

9.4.7 Technical Requirements

9.4.7.1 SWBT will enable CLEC to store in SWBT's LIDB any customer Line Number or Special Billing Number record, whether ported or not, for which the NPA-NXX or NXX-0/1XX Group is supported by that LIDB.

9.4.7.2 For the LIDB unbundled Network Element, the Technical Publication or other written description provided for in Section 2.17.2 will include a description of the data elements required to support LIDB-based query processing.

9.4.7.3 SWBT, and any SWBT agents who administer data in SWBT's LVAS, will not provide any access to or use of CLEC line-record data in LVAS by any third party that is not authorized by CLEC in writing.

9.5 CNAM Service Query

9.5.1 Definitions

9.5.1.1 Calling Name Delivery Service (CNDS) enables the terminating end user to identify the calling party by a displayed name before the call is answered. The calling party's name is retrieved from an SCP database and delivered to the end user's premises between the first and second ring for display on compatible customer premises equipment (CPE). CLEC will be charged for CNAM Service Queries in the event that CLEC is operating its own switch. In the event that CLEC is using SWBT's switch, no charge is made for any CNAM Service Query in addition to applicable unbundled Local Switching charges.

9.5.1.1.1 Pricing for CNAM Service Query, Query Transport, and Point Code Addition is described in Section 9.4.1.1 and prices are found in Appendix Pricing UNE - Schedule of Prices.

9.5.1.2 CNAM Service Query allows CLEC to query SWBT's Calling Name database for Calling Name information in order to deliver that information to CLEC's local subscribers.

9.5.1.3 Calling Name database means a Party's database containing current Calling Name information of all working lines served or administered by that Party, including the Calling Name information of any telecommunications company participating in that Party's Calling Name database.

9.5.1.4 Calling Name information means telecommunications companies' records of all of their subscribers' names associated with one or more assigned ten-digit telephone numbers.

9.5.1.5 Name Record Administering Companies means telecommunications companies that administer telephone number assignments to the public and which make their Calling Name information available in a Party's Calling Name database.

9.5.2 Description of Service

9.5.2.1 Each Party will provide to the other Party access to Calling Name information whenever the other Party initiates a query from an SSP for such information associated with a call terminating to a CNDS subscriber served by either Party.

9.5.2.2 All CLEC validation queries to SWBT's LIDB will use a translation type (TT) of 005 and a subsystem number in the calling party address field that is mutually agreed upon.

9.5.2.3 SWBT may employ certain automatic and/or manual overload controls to protect SWBT's CCS/SS7 network. SWBT will report to CLEC any instances where overload controls are invoked due to CLEC's CCS/SS7 network and CLEC agrees in such cases to take corrective action to the same extent SWBT prescribes for itself. Any network management controls found necessary to protect CNAM Service Query from an overload condition will be applied based on non-discriminatory guidelines and procedures. Such management controls will be applied to the specific problem source to the extent technically feasible.

9.5.2.4 SWBT provides CNAM Service Query as set forth in this Attachment only as such service is used for CLEC's LSP activities on behalf of its Missouri local service customers where SWBT is the incumbent local exchange carrier. CLEC agrees that any other use of SWBT's Calling Name database for the provision of CNAM Service Query by CLEC will be pursuant to the terms, conditions, rates, and charges of a separate agreement between the Parties.

9.5.2.4.1 SWBT cannot distinguish between queries from CLEC's switches as an LSP within the SWBT traditional five state serving area ("in-area") and queries from CLEC's switches as an LSP outside the SWBT traditional five state serving area ("out-of-area"). If for any reason the rates for the LSP in-area query and query transport and the rates for the LSP out-of-area query and query transport rate diverge prior to the development of any technically feasible method to distinguish in-area queries from out-of-area queries, CLEC will develop an allocation factor to distinguish the proportion of in-area queries and out-of-area queries. Should CLEC opt to treat all queries at the higher rate, CLEC will not be required to develop an allocation factor.

9.5.2.4.2 SWBT will notify CLEC of any divergence of rates no later than the effective date of the divergence. Within 10 days after receipt of notice CLEC will advise SWBT whether CLEC elects to pay the higher rate (e.g., assume all queries are LSP or non LSP driven, whichever is higher) or elects to develop an allocation factor. CLEC will provide its factor and SWBT will accept and apply the factor as soon as technically feasible but in no event later than 90 days after CLEC notifies SWBT of its intent to develop a factor. A true up will occur for the period of time required for implementation of the allocation factor, but in no event to exceed 90 days.

9.5.3 Ownership of the Calling Name Information

9.5.3.1 CLEC's access to any CNAM Service Query information does not create any ownership interest that does not already exist. Telecommunications companies,

including CLEC, depositing information in SWBT's LIDB may retain full and complete ownership and control over such information.

9.5.3.2 Unless expressly authorized in writing by parties, CNAM Service Query is not to be used for purposes other than support of CNDS. CLEC may use CNAM Service Query for such functions only on a call-by-call basis.

9.5.3.3 Proprietary information residing in SWBT's LIDB is protected from unauthorized access and CLEC may not store such information in any table or database for any reason. All information related to alternate billing service is proprietary. Examples of proprietary information are as follows:

- Billed (Line/Regional Accounting Office (RAO)) Number
- PIN Number(s)
- Billed Number Screening (BNS) indicators
- Class of Service (also referred to as Service or Equipment)
- Reports on LIDB usage
- Information related to billing for LIDB usage
- LIDB usage statistics.

9.5.3.4 CLEC agrees that it will not copy, store, maintain, or create any table or database of any kind that is based upon a response to a query to SWBT's LIDB.

9.5.3.5 If CLEC acts on behalf of other carriers to access SWBT's CNAM Service Query, CLEC will contractually prohibit such carriers from copying, storing, maintaining, or creating any table or database of any kind from any response provided by SWBT after a CNAM Service Query query to SWBT's LIDB.

9.5.3.6 Nothing in Sections 9.5.3.1 through 9.5.3.5 is intended to restrict CLEC's use or storage of CLEC data created or acquired independently of SWBT's CNAM Service Query.

9.5.3.7 SWBT will furnish Calling Name information only as accurate and current as the information has been provided to SWBT for inclusion in its CNAM database.

9.5.3.8 The Parties acknowledge that each Calling Name database limits the Calling Name information length to fifteen (15) characters. As a result, the Calling Name information provided in a response to a Query may not reflect a subscriber's full name. Name records of residential local telephone subscribers will generally be stored in the form of last name followed by first name (separated by a comma or space) to a maximum of fifteen (15) characters. Name records of business local telephone subscribers will generally be stored in the form of the first fifteen (15)

characters of the listed business name that in some cases may include abbreviations. The Parties also acknowledge that certain local telephone service subscribers of Name Record Administering Companies may require their name information to be restricted, altered, or rendered unavailable.

9.5.3.9 The Parties acknowledge that certain federal and/or state regulations require that local exchange telephone companies make available to their subscribers the ability to block the delivery of their telephone number and/or name information to the terminating telephone when the subscriber originates a telephone call. This blocking can either be on a call-by-call basis or on an every call basis. Similarly, a party utilizing blocking services can unblock on a call-by-call or every call basis. CLEC will abide by information received in SS7 protocol during call set-up that the calling telephone service subscriber wishes to block or unblock the delivery of telephone number and/or name information to a CNDS subscriber. CLEC agrees not to attempt to obtain the caller's name information by originating a query to SWBT's Calling Name database where the subscriber had attempted to block such information, nor will CLEC block information a subscriber has attempted to unblock.

9.5.3.10 Indemnification and limitation of liability provisions covering the matters addressed in this Attachment are contained in the General Terms and Conditions portion of this Agreement.

9.5.4 Originating Line Number Screening (OLNS) When available, Originating Line Number Screening will be provided to CLEC at rates, terms, and conditions to be negotiated by the Parties.

9.6 Toll Free Number Database

9.6.1 SWBT's 800 database receives updates processed from the national Service Management System (SMS). Customer records in the SMS are created or modified by entities known as Responsible Organizations (RespOrg) who obtain access to the SMS via the 800 Service Management System, Tariff F.C.C. No. 1. 800 Service Providers must either become their own RespOrg or use the services of an established RespOrg. The services of a RespOrg includes creating and updating 800 records in the SMS to download in the 800 database(s). SWBT does not, either through a tariff or contract, provide RespOrg service.

9.6.2 After the 800 customer record is created in the SMS, the SMS downloads the records to the appropriate databases, depending on the area of service chosen by the 800 subscriber. An 800 customer record is created in the SMS for each 800 number to be activated. The SMS initiates all routing changes to update information on a nationwide basis.

9.6.3 Access to the Toll Free Calling Database allows CLEC to access SWBT's 800 database for the purpose of switch query and database response. Access to the Toll Free Calling Database supports the processing of toll free calls (e.g., 800 and 888) where identification of the appropriate carrier (800 Service Provider) to transport the call is dependent upon the full ten digits of the toll free number (e.g., 1+800+NXX+XXXX). Access to the Toll Free Calling Database includes all 800-type dialing plans (i.e., 800 and 888 [and 877, 866, 855, 844, 833, 822, when available]).

9.6.4 Access to the Toll Free Calling Database provides the carrier identification function required to determine the appropriate routing of an 800 number based on the geographic origination of the call, from a specific or any combination of NPA/NXX, NPA or LATA.

9.6.5 In addition to the Toll Free Database query, there are three optional features available with 800-type service: Designated 10-Digit Translation, Call Validation and Call Handling and Destination. There is no additional charge for the Designated 10-Digit Translation and Call Validation feature beyond the Toll Free Database query charge. When an 800-type call originates from an CLEC switch to the SWBT Toll Free Database, CLEC will pay the Toll Free Database query rate for each query received and processed by SWBT's database. When applicable, the charge for the Call Handling and Destination feature are per query and in addition to the Toll Free Database query charge, and will also be paid by CLEC. The Toll Free Database charges do not apply when CLEC uses SWBT's Unbundled Local Switching. These rates are reflected in Appendix Pricing UNE - Schedule of Prices under the label "Toll-Free Database".

9.6.5.1 The Designated 10-Digit Translation feature converts the 800 number into a designated 10-digit number. If the 800 Service Provider provides the designated 10-digit number associated with the 800 number and requests delivery of the designated 10-digit number in place of the 800 number, SWBT will deliver the designated 10-digit number.

9.6.5.2 The Call Validation feature limits calls to an 800 number to calls originating only from an 800 Subscriber's customized service area. Calls originating outside the area will be screened and an out of band recording will be returned to the calling party.

9.6.5.3 The Call Handling and Destination feature allows routing of 800 calls based on one or any combination of the following: time of day, day of week, percent allocation and specific 10 digit ANI.

9.6.6 Access to the Toll Free Calling Database is offered separate and apart from other unbundled network elements necessary for operation of the network routing function addressed in these terms and conditions, e.g., end office 800 SSP functionality and CCS/SS7 signaling.

9.6.7 CLEC will address its queries to SWBT's database to the alias point code of the STP pair identified by SWBT. CLEC's queries will use subsystem number 0 in the calling party address field and a translations type of 254 with a routing indicator set to route on global title. CLEC acknowledges that such subsystem number and translation type values are necessary for SWBT to properly process queries to its 800 database.

9.6.8 SWBT may employ certain automatic and/or manual overload controls to protect SWBT's CCS/SS7 network. SWBT will report to CLEC any instances where overload controls are invoked due to CLEC's CCS/SS7 network and CLEC agrees in such cases to take corrective action to the same extent SWBT prescribes for itself. Any network management controls found necessary to protect Toll Free Network Element from an overload condition will be applied based on non-discriminatory guidelines and procedures. Such management controls will be applied to the specific problem source to the extent technically feasible.

9.6.9 CLEC will only use Access to the Toll Free Calling Database to determine the routing requirements for originating 800 calls. CLEC will not copy, store, maintain, or create any table or database of any kind that is based upon a response to a query to SWBT's Toll Free Calling Database. If CLEC acts on behalf of other carriers to access SWBT's Toll Free Calling Database, CLEC will contractually prohibit such carriers from copying, storing, maintaining, or creating any table or database of any kind from any response provided by SWBT after a query to SWBT's Toll Free Calling Database.

9.6.10 CLEC will ensure that it has sufficient link capacity and related facilities to handle its signaling and toll free traffic without adversely affecting other network subscribers and that the SSP Provider has transmitted the appropriate subsystem number and translation type.

9.6.11 SWBT provides access to the Toll Free Calling Database (TFCDB) as set forth in this Attachment only as such service is used for CLEC's LSP activities on behalf of its Missouri local service customers where SWBT is the incumbent local exchange carrier. CLEC agrees that any other use of SWBT's TFCDB for the provision of 800 database service by CLEC will be pursuant to the terms, conditions, rates, and charges of SWBT's effective tariffs, as revised, for 800 database services.

9.7 AIN Call Related Database

9.7.1 Definition: The AIN is a Network Architecture that uses distributed intelligence in centralized databases to control call processing and manage network information, rather than performing those functions at every switch.

9.7.2 SWBT will provide CLEC access to the SWBT's Service Creation Environment (SCE) to design, create, test and deploy AIN-based features, equivalent to the access it provides to

itself, providing that security arrangements can be made. CLEC requests to use the SWBT SCE will be subject to request and review procedures to be agreed upon by the Parties.

9.7.3 When CLEC utilizes SWBT's Local Switching network element and requests SWBT to provision such network element with a technically feasible AIN trigger, SWBT will provide access to the appropriate AIN Call Related Database for the purpose of invoking either an SWBT AIN feature or an CLEC developed AIN feature as per previous section.

9.7.4 When CLEC utilizes its own local switch, SWBT will provide access to the appropriate AIN Call Related Database for the purpose of invoking either an SWBT AIN feature or an CLEC developed AIN feature as per previous section.

9.7.5 SWBT will provide access to AIN Call Related databases in a nondiscriminatory and competitively neutral manner. Any mediation, static or dynamic, will only provide network reliability, protection, security and network management functions consistent with the access service provided. Any network management controls found necessary to protect the AIN SCP from an overload condition will be applied based on non-discriminatory guidelines and procedures either (1) resident in the SWBT STP that serves the appropriate AIN SCP or (2) via manual controls that are initiated from SWBT Network Elements. Such management controls will be applied to the specific problem source, wherever that source is, including SWBT, and not to all services unless a problem source cannot be identified.

9.7.6 As requested by CLEC, SWBT will provide specifications and information reasonably necessary for CLEC to utilize SWBT SCE as provided above.

9.7.7 SWBT SCP will partition and take reasonable steps to protect CLEC service logic and data from unauthorized access, execution or other types of compromise, where technically feasible.

9.7.8 Access to AIN and SCE will be provided to CLEC at rates, terms, and conditions to be negotiated by the Parties.

10.0 Operations Support Systems Functions

10.1 Definition: Operations Support Systems Functions consist of pre-ordering, ordering, provisioning, maintenance and repair, and billing functions supported by SWBT's databases and information.

10.2 SWBT will provide CLEC access to its Operations Support Systems Functions through the electronic interfaces provided for in Attachment 27 (Access to Operations Support Systems and Related Functions) and Attachment 28 (Comprehensive Billing), on the terms and conditions set forth in those Attachments. CLEC will pay the prices reflected on Appendix Pricing UNE - Schedule of Prices labeled "Operations Support Systems (OSS)".

11.0 Cross-connects

11.1 The cross connect is the media between the SWBT distribution frame and an CLEC designated collocated space or other SWBT unbundled network elements purchased by CLEC.

11.2 SWBT offers a choice of four types of cross connects with each unbundled loop type. SWBT will charge CLEC the appropriate rate as shown on Appendix Pricing UNE - Schedule of Prices labeled "Loop Cross Connects with Testing" and "Loop Cross Connects without Testing". The applicable cross connects are as follows:

1. Cross connect to DCS
2. Cross connect to Multiplexer/Interoffice
3. Cross connect to Collocation
4. Cross connect to Switch Port

11.3 Cross connects to the cage associated with unbundled local loops are available with or without automated testing and monitoring capability. If CLEC uses its own testing and monitoring services, SWBT will treat CLEC test reports as its own for purposes of procedures and time intervals for clearing trouble reports. When CLEC orders a switch port, or local loop and switch port in combination, SWBT will, at CLEC's request, provide automated loop testing through the Local Switch rather than install a loop test point.

11.4 SWBT offers the choice of three types of cross connects with subloop elements. SWBT will charge CLEC the appropriate rate as shown on Appendix Pricing UNE - Schedule of Prices labeled "Subloop Cross Connect". The applicable cross connects are as follows:

1. Two wire
2. Four wire
3. Dark Fiber

11.5 Cross connects must also be ordered with Unbundled Dedicated Transport (UDT).

11.5.1 SWBT will charge CLEC the applicable rates as shown on Appendix Pricing UNE - Schedule of Prices labeled "Dedicated Transport Cross Connect". The following cross connects are available with UDT:

1. Voice Grade 2W
2. Voice Grade 4W
3. DS1
4. DS3
5. OC3
6. OC12
7. OC48

11.6 When CLEC purchases Interoffice dark fiber, CLEC will pay the charges shown on Appendix Pricing UNE - Schedule of Prices labeled "Dark Fiber to Collocation Cross Connects".

12.0 Additional Requirements Applicable to Unbundled Network Elements

This Section 12 sets forth additional requirements for unbundled Network Elements which SWBT agrees to offer to CLEC under this Agreement.

12.1 Within 60 days of the Effective Date of this Agreement, CLEC and SWBT will agree upon a process to resolve technical issues relating to interconnection of CLEC's network to SWBT's network and Network Elements and Ancillary Functions. The agreed upon process will include procedures for escalating disputes and unresolved issues up through higher levels of each company's management. If CLEC and SWBT do not reach agreement on such a process within 60 days, any issues that have not been resolved by the parties with respect to such process will be submitted to the Dispute Resolution procedures set forth in this Agreement unless both parties agree to extend the time to reach agreement on such issues.

12.1.1 SWBT must offer unbundled local loops with and without automated testing and monitoring services. If an LSP uses its own testing and monitoring services, SWBT still must treat the test reports as its own for purposes of procedures and time intervals for clearing trouble reports.

12.2 Synchronization

12.2.1 Definition:

Synchronization is the function which keeps all digital equipment in a communications network operating at the same average frequency. With respect to digital transmission, information is coded into discrete pulses. When these pulses are transmitted through a digital communications network, all synchronous Network Elements are traceable to a stable and accurate timing source. Network synchronization is accomplished by timing all synchronous Network Elements in the network to a stratum 1 source so that transmission from these network points have the same average line rate.

12.2.2 Technical Requirements

SWBT will provide synchronization to equipment that is owned by SWBT and is used to provide a network element to CLEC in the same manner that SWBT provides synchronization to itself.

12.3 Co-operative Testing

12.3.1 Upon request, at Time and Materials charges as shown on Appendix Pricing UNE - Schedule of Prices, SWBT will provide to CLEC cooperative testing to test any network element provided by SWBT and to test the overall functionality of network elements provided by SWBT that are connected to one another or to equipment or facilities provided or leased by CLEC, to the extent SWBT has the ability to perform such tests. The cooperative testing provided for in this paragraph is exclusive of any maintenance service and related testing that SWBT is required to provide for unbundled Network Elements under Attachment 6 or Attachment 27.

13.0 Pricing

13.1 Price Schedules

Attached hereto as Appendix Pricing - UNE is a schedule which reflects the prices at which SWBT agrees to furnish unbundled Network Elements to CLEC.

14.0 Additional Provisions

Notwithstanding anything in this Agreement to the contrary (including but not limited to this Attachment, Appendix Pricing-UNE, and Appendix Pricing-UNE Schedule of Prices):

14.1 Except as modified below, SWBT agrees to make all unbundled network elements (UNEs) set forth in this Agreement available to CLEC for the term of this Agreement, on the terms and at the prices provided in this Agreement.

14.2 SWBT will, except as provided elsewhere in Section 14, provide combinations of network elements to CLEC consistent with SWBT's obligations in this Agreement at the applicable charges set forth in this Agreement. For preexisting combined elements, where no manual work is required by SWBT in order to establish connections between the requested elements at the central office, an outside plant location, or the customer premises, SWBT will not apply a Central Office Access Charge but will apply all other recurring and nonrecurring charges applicable to the elements included in the combination, and the electronic service order charge. The pre-existing combined elements referred to in the preceding sentence include all orders included within the definition of "Contiguous Network Interconnection of Network Elements" in Attachment 27, Section 5.14. For new UNE combinations that are not within the above-referenced definition of "Contiguous Network Interconnection of Network Elements" and that require manual work by SWBT in order to establish connections between the requested elements at the central office, an outside plant location, or the customer premises, the applicable recurring and nonrecurring charges will apply, together with the Central Office Access Charge as shown in Appendix Schedule of Pricing-UNE. Such combinations may be referred to elsewhere in this Agreement as "new" combinations.

14.2.1 Notwithstanding Section 14.2, above, when CLEC requests a 2-Wire Analog Loop (i.e., 8db loop) with a 2-Wire Analog Switch Port and the Analog Loop to Switch Port Cross-Connect, (collectively, "UNE-P"), the Loop NRC for 2-Wire Analog UNE-P new (ACT Type "N") and move (ACT Type "T") orders is $0.00, effective August 1, 2002. This rate will remain in effect until the earlier of: 1) the date such rate is replaced by order of the Missouri Commission, or 2) the termination of this Agreement, whichever occurs first. SWBT will not seek to initiate such a cost proceeding prior to October 13, 2003. However, should the Missouri Commission order new rates for the nonrecurring charges for the 2-Wire Analog Loop, 2-Wire Analog Switch Port, the Analog Loop to Switch Port Cross Connect, the COAC, and the Service Order Charge before October 13, 2003, the Parties agree to incorporate such rates into this Agreement.

14.3 For service to business customers, beginning March 6, 2003:

14.3.1 If the FCC or the Missouri Public Service Commission determines after this Agreement is executed by the Parties or has determined before this Agreement is executed by the Parties that a certain network element need not be provided under Section 251(c)(3) of the FTA, either statewide or in a particular location or locations, SWBT may set the price of such network element(s) at a market level for the applicable areas. SWBT will provide 60 days notice (in accordance with the Notice provision in the General Terms and Conditions of this Agreement) to CLEC that the FCC or the Missouri Public Service Commission has made such a determination. SWBT will include in the notice the specifics of any pricing changes and the implementation dates for the pricing changes applicable to CLEC. Existing nonrecurring prices will apply to any UNEs for which orders are received prior to midnight on the day preceding the date specified for the pricing change. Application of the market level nonrecurring prices will apply beginning at 12:01 a.m. on the date specified for implementation. Application of the market level recurring charges will apply beginning at 12:01 a.m. on the date specified for implementation without regard to the time or date the orders were received by SWBT. A market price set by SWBT pursuant to this paragraph will not be subject to review, approval or disapproval by the Missouri PSC.

14.3.2 If the FCC or a court modifies (after this Agreement is executed by the Parties) the TELRIC methodology applicable to unbundled network elements, SWBT and CLEC may renegotiate the applicable prices for unbundled network elements provided pursuant to Section 251(c)(3) of Title 47, United States Code. If the Parties are unable to reach agreement on applicable prices within 135 days of the request by either Party for such negotiations, either Party may submit remaining disputes to the Missouri Commission for arbitration. The scope of renegotiation and arbitration of prices under this section will be limited to the scope of the FCC or court modification of the TELRIC methodology to the extent that such methodology was relied upon in setting the unbundled network element rates in this Agreement, and further limited to the impact that the modification of the TELRIC methodology would have had if it had been in effect at the time the UNE prices in Appendix Pricing UNE – Schedule of Prices were established. Pending the establishment of any modified prices by Commission arbitration award or Commission approval of negotiated modifications, the prices set forth in Appendix Pricing UNE -- Schedule of Prices will apply.

14.3.3 In those SWBT central offices where there are four (4) or more CLECs collocated for which SWBT has provided UNEs, SWBT may elect to not combine UNEs that are not already combined in that central office, *i.e.*, "new" combinations as defined in section 14.2. In that event, SWBT will request that CLEC provide a one (1) year forecast of its expected demand for UNEs in that central office which CLEC will combine outside of its existing or planned collocation arrangements. Within sixty (60) days of receipt of CLEC's forecast, SWBT will construct a secured frame room in the central office or, if

space is not available, external cross connect cabinet until space becomes available in the central office at no additional cost to CLEC where CLEC may combine UNEs. If CLEC submits such a forecast, SWBT will continue to combine UNEs until the secured frame room or external cross connect cabinet is made available to CLEC. However, if at any time after a secured frame room or external cross connect cabinet is made available, SWBT is unable to meet CLEC's forecasted demand for UNEs to be combined through use of these arrangements due to a lack of capacity, SWBT will resume combining UNEs for CLEC on new combination orders until capacity can be provided. If CLEC fails to submit such a forecast, SWBT will no longer combine UNEs that are not already combined. CLEC can access the secured frame or the external cross-connect cabinet without having to collocate.

14.3.3.1 When a CLEC orders elements for combining at the secured frame or cabinet, SWBT will cross-connect those elements to the frame or cabinet at no additional charge to he CLEC, beyond the recurring and non-recurring charges provided for the elements themselves under this agreement (*e.g.*, for a loop and port combination, SWBT will cross-connect the loop and the port to the secured frame or cabinet, and the CLEC will pay applicable recurring and non-recurring charges for the loop and the port, but there is no charge for use of the frame or cabinet and no charge for a cross connect from loop to frame/cabinet or from port to frame/cabinet). SWBT may not collect a Central Office Access Charge when CLEC combines elements at the frame or cabinet under this section.

14.3.3.2 SWBT and CLEC shall negotiate a mutually agreeable method of wiring for cross-connects at the secured frame or cabinet. During such period of negotiation or until a mutually agreeable method of wiring is established, the CLEC may obtain from SWBT, the combining services for Network Elements at a non-recurring charge to be set by SWBT at $52.25. This charge shall apply in addition to any other applicable recurring and non-recurring charges.

14.3.3.3 A CLEC may order multiple elements on a single LSR for combining at the secured frame or external cabinet, in accordance with the terms and conditions for ordering and provisioning of UNEs as set out in Attachment 27, Ordering and Provisioning Unbundled Network Elements.

14.3.3.4 SWBT will develop performance measures related to the timeliness and accuracy of its provisioning of elements for combining at the secured frame or external cabinet, during the six-month review process as set out in Attachment 17, Performance Remedy Plan. These measures will be incorporated into the liquidated damages and assessments provisions of Attachment 17.

14.3.4 SWBT may not substitute the above described methods of combining UNEs for its own continued performance of such connections at cost based rates if the FCC or reviewing court has determined that the ILECs have an obligation to perform such connections.

14.4 For service to residential customers, beginning March 6, 2004:

14.4.1 If the FCC or the Commission determines that a certain network element need not be provided under Section 251(c)(3) of the FTA, either statewide or in a particular location or locations, SWBT may set the price of such network element(s) at a market level for the applicable areas. SWBT will provide 60 days notice (in accordance with the Notice provision in the General Terms and Conditions of this Agreement) to CLEC that the FCC or the Missouri Public Service Commission has made such a determination. SWBT will include in the notice the specifics of any pricing changes and the implementation dates for the pricing changes applicable to CLEC. Existing nonrecurring prices will apply to any UNEs for which orders are received prior to midnight on the day preceding the date specified for the pricing change. Application of the market level nonrecurring prices will apply beginning at 12:01 a.m. on the date specified for implementation. Application of the market level recurring charges will apply beginning at 12:01 a.m. on the date specified for implementation without regard to the time or date the orders were received by SWBT. To the extent that the FCC or Commission determination eliminates the obligation to supply an element at TELRIC rates as part of a platform of unbundled network elements, *i.e.*, a combination of elements sufficient to permit a CLEC to deliver end-to-end service to an end user customer without using CLEC equipment or facilities (other than operator services and directory assistance service that the CLEC may supply via customized routing), then, in pricing the unbundled network element platform under this provision, SWBT shall not increase the total price of the platform by more than twenty (20) percent each year.

14.4.2 If the FCC or a court modifies (after this Agreement is executed by the Parties) the TELRIC methodology applicable to unbundled network elements, SWBT and CLEC may renegotiate the applicable prices for unbundled network elements provided pursuant to Section 251(c)(3) of Title 47, United States Code. If the Parties are unable to reach agreement on applicable prices within 135 days of the request by either Party for such negotiations, either Party may submit remaining disputes to the Missouri Commission for arbitration. The scope of renegotiation and arbitration of prices under this section will be limited to the scope of the FCC or court modification of the TELRIC methodology to the extent that such methodology was relied upon in setting the unbundled network element rates in this Agreement, and further limited to the impact that the modification of the TELRIC methodology would have had if it had been in effect at the time the UNE prices in Appendix Pricing UNE – Schedule of Prices were established. Pending the establishment of any modified prices by Commission arbitration award or Commission approval of negotiated modifications, the prices set forth in Appendix Pricing UNE -- Schedule of Prices will apply.

14.5 To the extent the Commission by arbitration, authorizes new unbundled network elements, SWBT will provide such elements, consistent with the terms of this Section, to CLEC. If the Commission-approved unbundled network element is operational, CLEC may obtain the unbundled network element through the Commission's 252(i) process or through the expedited special request procedure set out in section 2.22.11. If the Commission-approved unbundled network element is not operational at the time it is approved by the Commission in an arbitration, the availability date shall comply with the availability date established in the implementation schedule in effect under that interconnection agreement, and shall not be less than ten days. If the availability date in the interconnection agreement has passed the new unbundled network element is considered operational. If the FCC has authorized a new unbundled network element that the Commission has not previously ordered in an interconnection agreement, SWBT will provide CLEC with a proposed statement of terms and conditions, including prices, for access to any new element within thirty days of CLEC's request after the FCC ruling authorizing access to the new element. If SWBT and CLEC have not agreed on terms and conditions of access to the new element within forty-five days thereafter, either party may take the matter to the Commission for dispute resolution. If the FCC ruling authorizing access to the new element prescribes a different procedure for establishing terms and conditions of access, that procedure will govern.

14.6 Dark fiber as a media for dedicated interoffice transport and for loop feeder in a digital loop carrier environment may be used in connection with residential services, but is more prevalently used in connection with business services. Thus, consistent with its obligations under this Agreement generally and Section 14 specifically, SWBT will provide dark fiber as an unbundled network element subject to the two year provisions of Section 14.3 as opposed to the three year provisions of Section 14.4.

14.7 Enhanced Extended Loop (EEL)

Consistent with Sections 14.3.1, 14.3.2, 14.4.1, and 14.4.2 above:

14.7.1 SWBT will combine unbundled loops with unbundled dedicated transport as described herein to provide enhanced extended loop at the recurring and nonrecurring charges applicable to each UNE requested above, with applicable recurring and nonrecurring charges for cross connects, the Central Office Access Charge where applicable and applicable Service Order Charge. SWBT will cross-connect unbundled 2 or 4-wire analog or 2-wire digital loops to unbundled voice grade/DS0, DS1, or DS3 dedicated transport facilities (DS0 dedicated transport is only available between SWBT central offices) for CLEC's provision of circuit switched or packet switched telephone exchange service to CLEC's own end user customers. SWBT will also cross-connect unbundled 4-wire digital loops to unbundled DS1, or DS3 dedicated transport facilities for CLEC's provision of circuit switched telephone exchange service to CLEC's own end user customers.

14.7.2 The dedicated transport facility will extend from CLEC customer's SWBT serving wire center to either CLEC's collocation cage in a different SWBT central office (in which case, no dedicated transport entrance facility is necessary) or to CLEC's point of access through a dedicated transport entrance facility. CLECs must order the dedicated transport facility, with any necessary multiplexing, from CLEC's collocation cage or CLEC's switch location to the wire center serving CLEC's end user customer. CLEC will order each loop as needed and provide SWBT with the Channel Facility Assignment (CFA) to the dedicated transport. For the loop UNE, the dedicated transport UNE, the cross-connects needed to combine the two, as well as any necessary multiplexing, ordering and provisioning will be pursuant to the ordering and provisioning terms and conditions for UNEs as set out in Attachment 27 of this Agreement. For the loop UNE, the dedicated transport UNE, the cross-connects needed to combine the two, as well as any necessary multiplexing, maintenance will be pursuant to the maintenance terms and conditions for UNEs as set out in Attachment 27 of this Agreement. SWBT will implement electronic ordering of EELs as specified in Attachment 27, Section 5.11.

14.7.3 Alternatively, CLEC may cross-connect unbundled loops with the unbundled dedicated transpo`rt facilities in its physical collocation space utilizing its own equipment or through the secured frame room in the central office, or if space is not available, in an external cross-connect cabinet until space becomes available in the central office. The restrictions on loop and transport facility type, and on CLEC services to be provided over the extended loop, that are contained in Section 14.7.1 regarding SWBT-combined EELs do not apply to the combinations assembled by CLECs under this subsection 14.7.3. CLEC can access the secured frame or the external cross connect cabinet without having to collocate. If CLEC elects the secured frame or cabinet option, CLEC will provide a rolling 12 month forecast, updated every six (6) months, of its expected demand for unbundled loops to be connected with the unbundled dedicated transport facilities in each central office in which CLEC will combine outside of its existing or planned collocation arrangements. Within sixty (60) days of receipt of CLEC's forecast for a given central office, SWBT will construct, at no additional cost to CLEC, a secured frame room in the central office, or, if space is not available, external cross connect cabinet until space becomes available in the central office, where CLEC may combine unbundled loops with the unbundled dedicated transport facilities. There will be no additional charge to the CLEC for SWBT extending loop and transport elements to the secured frame or cabinet. If CLEC submits such a forecast, SWBT will temporarily combine unbundled loops with the unbundled dedicated transport facilities until the secured frame room or external cross connect cabinet is made available to CLEC. When the secured frame room or external cross connect cabinet is made available, CLEC will, within ninety (90) days after providing a forecast for a particular central office or thirty (30) days after receiving appropriate terminal assignment information to place connections on the secured frame, whichever is later, replace the temporary connections made by SWBT, effectively half-tapping the existing temporary connections so that the temporary connection can be

removed without interrupting the end user's service. When notified by CLEC that its connections are complete within the period described above, SWBT will remove its temporary connections. If CLEC fails to notify SWBT that it has placed its connections on the secured frame during that period, SWBT will charge CLEC the applicable special access recurring and nonrecurring rates, in lieu of the UNE rates. Such special access charges shall be retroactive to the date SWBT began combining the UNEs for CLEC pursuant to this paragraph. If at any time after a secured frame room or external cross connect cabinet is made available, SWBT is unable to meet CLEC's forecasted demand for use of these arrangements due to a lack of capacity, SWBT will again temporarily combine unbundled loops with the unbundled dedicated transport facilities as an interim arrangement for CLEC until capacity can be provided. When capacity is made available, temporary connections performed by SWBT will be removed as described above. If a CLEC is located at an external cross connect cabinet because SWBT ran out of space in a central office, once there is additional space available in the central office, and a CLEC requests to move to the secured frame room, there will be no charge to the CLEC for moving. Such move shall be coordinated to minimize service disruption to the customer.

If CLEC submits forecasts pursuant to this section, and fails to meet fifty percent (50%) of its submitted forecast for any central office for twelve consecutive months, CLEC will pay SWBT the reasonable costs for those twelve months associated with the unused capacity of the secured frame for that office, *i.e.*, the capacity that would have been used if CLEC had achieved 50% of its forecast and which was not in fact used by other carriers.

SWBT will not disclose the forecasts provided for in this section to any persons other than SWBT employees responsible for provisioning extended loops under the secured frame and cabinet options. Any other disclosure, and any use by SWBT of these forecasts for marketing or business strategic purposes, is prohibited.

14.7.3.1 SWBT and CLECs shall jointly establish, within 30 days from the approval of this Agreement, a detailed procedure for combining 4 wire digital loops (*e.g.*, DS1 loops) to dedicated transport facilities (*e.g.*, DS3 transport) where CLECs are required to combine. In the event the parties are unable to reach agreement, the Commission shall establish the procedure within sixty days.

14.7.4 If CLEC orders a combination of unbundled loops and transport that meet the definition of enhanced extended link in this Agreement that are already connected at the time of the CLEC order (*e.g.*, the elements are in an existing equivalent configuration), SWBT will supply that combination to CLEC as a "pre-existing combination," without separating and recombining the elements, pursuant to Section 14.3 and other applicable provisions of this Agreement. For preexisting combined UNEs, SWBT will not apply a Central Office Access Charge but will apply the recurring and nonrecurring charges applicable to each UNE requested along with the appropriate Service Order Charge.

14.8 For purposes of this Section and, for the time period(s) specified in this Section, SWBT agrees to waive the right to assert that it need not provide pursuant to the "necessary and impair" standards of Section 251(d)(2) of Title 47, United States Code, a network element now available under the terms of this Agreement and/or its rights with regard to the combination of any such network elements that are not already assembled. Except as provided in Section 14.5 above, CLEC agrees that the UNE provisions of this Agreement are non-severable and "legitimately related" for purposes of Section 252(i) of Title 47, United States Code. Accordingly, CLEC agrees to take the UNE provisions of this Agreement in their entirety, without change, alteration or modification, waiving its rights to "pick and choose" UNE provisions from other agreements under Section 252(i) of Title 47, United States Code. This mutual waiver of rights by the Parties will constitute additional consideration for the Agreement.

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Line	Change/Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurring Rate Additional		Subsequent Changes
1		**UNBUNDLED NETWORK ELEMENTS**									
2			**UNE**								
3			**Network Interface Device**								
4		Local Loops	Disconnect Loop from inside wiring, per NID	NRBND	None	(1)	$ 23.00	(1)	$ 14.32	(1)	
5			**Unbundled Loops**								
6			2W Analog Zone 1	U21	$ 12.71	(1)	$ 19.55	(1)	$ 8.32	(1)	
7			2W Analog Zone 2	U21	$ 18.64	(1A)	$ 19.55	(1A)	$ 8.32	(1A)	
8			2W Analog Zone 3	U21	$ 19.74	(1A)	$ 19.55	(1A)	$ 8.32	(1A)	
9			2W Analog Zone 4	U21	$ 16.41	(1A)	$ 19.55	(1A)	$ 8.32	(1A)	
10			2W Analog Zone 1	RB9	$ 12.71	(1)	$0.00	(15)	$0.00	(15)	Chg Rate
11			2W Analog Zone 2	RB9	$ 18.64	(1A)	$0.00	(15)	$0.00	(15)	Chg Rate
12			2W Analog Zone 3	RB9	$ 19.74	(1A)	$0.00	(15)	$0.00	(15)	Chg Rate
13			2W Analog Zone 4	RB9	$ 16.41	(1A)	$0.00	(15)	$0.00	(15)	Chg Rate
14			Conditioning for dB Loss	UL2	$ 6.63	(1)	$ 17.54	(1)	$ 8.58	(1)	
15			4W Analog Zone 1	U4H	$ 17.81	(1A)	$ 21.58	(1A)	$ 8.32	(1A)	
16			4W Analog Zone 2	U4H	$ 31.82	(1A)	$ 21.58	(1A)	$ 8.32	(1A)	
17			4W Analog Zone 3	U4H	$ 55.04	(1A)	$ 21.58	(1A)	$ 8.32	(1A)	
18			4W Analog Zone 4	U4H	$ 27.07	(1A)	$ 21.58	(1A)	$ 8.32	(1A)	
19			2W Digital Zone 1	U2Q/RB8	$ 25.79	(1)	$ 43.33	(1)	$ 22.67	(1)	
20			2W Digital Zone 2	U2Q/RB8	$ 37.89	(1A)	$ 43.33	(1A)	$ 22.67	(1A)	
21			2W Digital Zone 3	U2Q/RB8	$ 52.60	(1A)	$ 43.33	(1A)	$ 22.67	(1A)	
22			2W Digital Zone 4	U2Q/RB8	$ 37.30	(1A)	$ 43.33	(1A)	$ 22.67	(1A)	
23			4W Digital Zone 1	U4D1X/RB6	$ 91.06	(1A)	$ 102.47	(1A)	$ 40.46	(1A)	
24			4W Digital Zone 2	U4D1X/RB6	$ 95.45	(1A)	$ 102.47	(1A)	$ 40.46	(1A)	
25			4W Digital Zone 3	U4D1X/RB6	$ 97.10	(1A)	$ 102.47	(1A)	$ 40.46	(1A)	
26			4W Digital Zone 4	U4D1X/RB6	$ 91.25	(1A)	$ 102.47	(1A)	$ 40.46	(1A)	
27		DSL Loops									
28		2-Wire Digital Loop ISDN/IDSL	*PSD #1 - 2-Wire Digital Loop ISDN/IDSL - Zone 1	U2Q/RB8	$ 25.79		$ 43.33		$ 22.67		
29			*PSD #1 - 2-Wire Digital Loop ISDN/IDSL - Zone 2	U2Q/RB8	$ 37.89		$ 43.33		$ 22.67		
30			*PSD #1 2-Wire Digital Loop ISDN/IDSL - Zone 3	U2Q/RB8	$ 52.60		$ 43.33		$ 22.67		
31			*PSD #1 2-Wire Digital Loop ISDN/IDSL - Zone 4	U2Q/RB8	$ 37.30		$ 43.33		$ 22.67		
32		2-Wire xDSL Loop	*PSD #1 - 2-Wire xDSL Loop - Zone 1	2SLAX	$ 12.71		$ 19.55		$ 8.32		
33			*PSD #1 - 2-Wire xDSL Loop - Zone 2	2SLAX	$ 18.64		$ 19.55		$ 8.32		
34			*PSD #1 - 2-Wire xDSL Loop - Zone 3	2SLAX	$ 19.74		$ 19.55		$ 8.32		
35			*PSD #1 - 2-Wire xDSL Loop - Zone 4	2SLAX	$ 16.41		$ 19.55		$ 8.32		
36			*PSD #2 - 2-Wire xDSL Loop - Zone 1	2SLCX	$ 12.71		$ 19.55		$ 8.32		
37			*PSD #2 - 2-Wire xDSL Loop - Zone 2	2SLCX	$ 18.64		$ 19.55		$ 8.32		
38			*PSD #2 - 2-Wire xDSL Loop - Zone 3	2SLCX	$ 19.74		$ 19.55		$ 8.32		
39			*PSD #2 - 2-Wire xDSL Loop - Zone 4	2SLCX	$ 16.41		$ 19.55		$ 8.32		
40			*PSD #3 - 2-Wire xDSL Loop - Zone 1	2SLBX	$ 12.71		$ 19.55		$ 8.32		

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Line	Change/Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurring Rate Additional		Subsequent Changes
41			*PSD #3 - 2-Wire xDSL Loop - Zone 2	2SLBX	$ 18.64		$ 19.55		$ 8.32		
42			*PSD #3 - 2-Wire xDSL Loop - Zone 3	2SLBX	$ 19.74		$ 19.55		$ 8.32		
43			*PSD #3 - 2-Wire xDSL Loop - Zone 4	2SLBX	$ 16.41		$ 19.55		$ 8.32		
44			*PSD #4 - 2-Wire xDSL Loop - Zone 1	2SLDX	$ 12.71		$ 19.55		$ 8.32		
45			*PSD #4 - 2-Wire xDSL Loop - Zone 2	2SLDX	$ 18.64		$ 19.55		$ 8.32		
46			*PSD #4 - 2-Wire xDSL Loop - Zone 3	2SLDX	$ 19.74		$ 19.55		$ 8.32		
47			*PSD #4 - 2-Wire xDSL Loop - Zone 4	2SLDX	$ 16.41		$ 19.55		$ 8.32		
48			*PSD #5 - 2-Wire xDSL Loop - Zone 1	U2F	$ 12.71		$ 19.55		$ 8.32		
49			*PSD #5 - 2-Wire xDSL Loop - Zone 2	U2F	$ 18.64		$ 19.55		$ 8.32		
50			*PSD #5 - 2-Wire xDSL Loop - Zone 3	U2F	$ 19.74		$ 19.55		$ 8.32		
51			*PSD #5 - 2-Wire xDSL Loop - Zone 4	U2F	$ 16.41		$ 19.55		$ 8.32		
52			*PSD #7 - 2-Wire xDSL Loop - Zone 1	2SLFX	$ 12.71		$ 19.55		$ 8.32		
53			*PSD #7 - 2-Wire xDSL Loop - Zone 2	2SLFX	$ 18.64		$ 19.55		$ 8.32		
54			*PSD #7 - 2-Wire xDSL Loop - Zone 3	2SLFX	$ 19.74		$ 19.55		$ 8.32		
55			*PSD #7 - 2-Wire xDSL Loop - Zone 4	2SLFX	$ 16.41		$ 19.55		$ 8.32		
56		4-Wire xDSL Loop	*PSD #3 - 4-Wire xDSL Loop - Zone 1	4SL1X	$ 17.81		$ 21.58		$ 8.32		
57			*PSD #3 - 4-Wire xDSL Loop - Zone 2	4SL1X	$ 31.82		$ 21.58		$ 8.32		
58			*PSD #3 - 4-Wire xDSL Loop - Zone 3	4SL1X	$ 55.04		$ 21.58		$ 8.32		
59			*PSD #3 - 4-Wire xDSL Loop - Zone 4	4SL1X	$ 27.07		$ 21.58		$ 8.32		
60			*** USOCS used for inventory purpose only**								
61		Loop Qualification Process	Loop Make-Up Information - Mechanized	NR98U	NA		$8.41		NA		
62			Loop Make-Up Information - Manual	NRBXU	NA		$84.15	(8)	NA		
63		xDSL Cross Connect Charge - Standard:	2-Wire Analog	UCX92	$ 0.31	(9)	$ 19.96	(9)	$ 12.69	(9)	
64			4-Wire Analog	UCX94	$ 0.63	(9)	$ 25.38	(9)	$ 17.73	(9)	
65			2-Wire Digital	(UCXC2)	$ 0.31	(9)	$ 19.96	(9)	$ 12.69	(9)	
66			4-Wire Digital	(UCXHX)							
67		xDSL Cross Connect Charge - Shielded:	2-wire Analog	UXRRX	$ 0.80	(9)	$ 19.96	(9)	$ 12.69	(9)	
68			**Note: There is no requirement that a CLEC order shielded cross-connects. Shielded cross-connects are only available for 2-wire xDSL loops used to provision PSD#5.**								
69		DSL Conditioning Options	**UNE Loops up to 17,000 ft:**								
70			Removal of Repeater	NRBXV	None	(10)	$221.90		$221.90	(11)	
71			Removal of Bridged Tap and Repeater	NRBXH	None	(10)	$0.00	(10)	$0.00	(10), (11)	
72			Removal of Bridged Tap	NRBXW	None	(10)	$0.00		$0.00	(11)	
73			Removal of Bridged Tap and Load Coil	NRBXF	None	(10)	$0.00	(10)	$0.00	(10), (11)	
74			Removal of Load Coil	NRBXZ	None	(10)	$0.00		$0.00	(11)	
			Conditioning	NHCLO	NA		$0.00		$0.00		
75			**UNE Loops over 17,500 ft:**								
76			Removal of Repeater (1)	NRBNL	$0.00	(10)	$221.90		$221.90	(11)	

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77			Incremental Additional Removal of Repeater	NRBNP	None	(10)	$0.00	(10)	$0.00	(10), (11)	
78			Removal of Bridged Tap and Repeater (1)	NRBTV	$0.00	(10)	$0.00	(10)	$0.00	(10), (11)	
79			Incremental Additional Removal of Bridged Tap and Repeater	NRBTW	None	(10)	$0.00	(10)	$0.00	(10), (11)	
80			Removal of Bridged Tap (1)	NRBNK	$0.00	(10)	$221.90		$221.90	(11)	
81			Incremental Additional Removal of Bridged Tap	NRBNN	None	(10)	$0.00	(10)	$0.00	(10), (11)	
82			Removal of Bridged Tap and Load Coil (1)	NRBM8	$0.00	(10)	$0.00	(10)	$0.00	(10), (11)	
83			Incremental Additional Removal of Bridged Tap and Load Coil	NRBM9	None	(10)	$0.00	(10)	$0.00	(10), (11)	
84			Removal of Load Coil (1)	NRBNJ	$0.00	(10)	$325.83		$325.83	(11)	
85			Incremental Additional Removal of Load Coil	NRBNH	None	(10)	$0.00	(10)	$0.00	(10), (11)	
86		Loop Cross Connects	**Loop Cross Connects (with testing unless otherwise noted)**								
87			Analog Loop to Collo 2W (same CO)	UCXC2	$ 1.89	(1)	$ 26.87	(1)	$ 22.08	(1)	
88			Analog Loop to Collo 2W w/o testing (same CO)	UCXD2	$ 0.31	(1)	$ 14.97	(1)	$ 9.52	(1)	
89			Analog Loop to Collo 4W (same CO)	UCXC4	$ 3.77	(1)	$ 31.22	(1)	$ 29.56	(1)	
90			Analog Loop to Collo 4W w/o testing (same CO)	UCXD4	$ 0.63	(1)	$ 25.38	(1)	$ 17.73	(1)	
91			Digital Loop to Collo 2W (same CO)	(UCXC2) Under Development	$ 1.89	(1)	$ 26.87	(1)	$ 22.08	(1)	
92			Digital Loop to Collo 2W w/o testing (same CO)	(UCXD2) Under Development	$ 0.31	(1)	$ 14.97	(1)	$ 9.52	(1)	
93			Digital Loop to Collo 4W (same CO)	(UCXHX Under Development	$ 9.00	(1)	$ 45.03	(1)	$ 34.16	(1)	
94			Digital Loop to Collo 4W w/o testing (same CO)	UDLD4	None	(1)	$ 29.04	(1)	$ 28.57	(1)	
95			Analog Loop to DCS 2W	(UDLW2) Under Development	$ 0.27	(3)	$ 20.65	(3)	$ 16.50	(3)	
96			Analog Loop to DCS 4W	UCXGX	$ 0.54	(3)	$ 20.65	(3)	$ 16.50	(3)	
97			Digital Loop to DCS 2W	UDU5X	$ 2.64	(3)	$ 20.65	(3)	$ 16.50	(3)	
98			Digital Loop to DCS 4W	(UCXHX) Under Development	$ 8.29	(3)	$ 28.95	(3)	$ 26.47	(3)	
99			DS3 Loop to DCS	UDU3X	$ 225.59	(3)	$0.00	(3)	$0.00	(3)	
100			Analog Loop to Switch Port	UDLX2	$0.00	(3)	$ 4.17	(3)	$ 3.29	(3)	
101			Digital Loop to Switch Port 2W	RECB2	$0.00	(3)	$ 9.40	(3)	$ 9.40	(3)	
102			Digital Loop to Switch Port 4W	RECP4	$ 7.51	(3)	$ 37.58	(3)	$ 37.58	(3)	
103		Subloop Feeder	2W Analog Zone 1	UK2RC	$ 4.81	(1)	$ 17.16	(1)	$ 7.91	(1)	
104			2W Analog Zone 2	UK2RC	$ 6.60	(1)	$ 17.16	(1)	$ 7.91	(1)	
105			2W Analog Zone 3	UK2RC	$ 6.87	(1)	$ 17.16	(1)	$ 7.91	(1)	

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106			2W Analog Zone 4	UK2RC	$ 9.90	(1)	$ 17.16	(1)	$ 7.91	(1)	
107			2W Digital Zone 1	(UK2RC) Under Development	$ 20.18	(1)	$ 40.52	(1)	$ 20.45	(1)	
108			2W Digital Zone 2	(UK2RC) Under Development	$ 32.17	(1)	$ 40.52	(1)	$ 20.45	(1)	
109			2W Digital Zone 3	(UK2RC) Under Development	$ 30.89	(1)	$ 40.52	(1)	$ 20.45	(1)	
110			2W Digital Zone 4	(UK2RC) Under Development	$ 39.13	(1)	$ 40.52	(1)	$ 20.45	(1)	
111			DS1 4W Copper Zone 1	UK4RC	$ 67.05	(1)	$ 73.25	(1)	$ 29.98	(1)	
112			DS1 4W Copper Zone 2	UK4RC	$ 67.27	(1)	$ 73.25	(1)	$ 29.98	(1)	
113			DS1 4W Copper Zone 3	UK4RC	$ 67.17	(1)	$ 73.25	(1)	$ 29.98	(1)	
114			DS1 4W Copper Zone 4	UK4RC	$ 70.79	(1)	$ 73.25	(1)	$ 29.98	(1)	
115			Dark Fiber Foot Zone 1	ULN5F	$ 0.002085	(1)	None	(1)	None	(1)	
116			Dark Fiber Foot Zone 2	ULN5F	$ 0.003156	(1)	None	(1)	None	(1)	
117			Dark Fiber Foot Zone 3	ULN5F	$ 0.004752	(1)	None	(1)	None	(1)	
118			Dark Fiber Foot Zone 4	ULN5F	$ 0.002085	(1)	None	(1)	None	(1)	
119		Subloop Distribution	2W Analog Zone 1	UG2	$ 6.69	(1)	$ 85.08	(1)	$ 35.46	(1)	
120			2W Analog Zone 2	UG2	$ 10.68	(1)	$ 85.08	(1)	$ 35.46	(1)	
121			2W Analog Zone 3	UG2	$ 12.92	(1)	$ 85.08	(1)	$ 35.46	(1)	
122			2W Analog Zone 4	UG2	$ 22.78	(1)	$ 85.08	(1)	$ 35.46	(1)	
123			2W Digital Zone 1	UK2	$ 9.63	(1)	$ 86.76	(1)	$ 38.57	(1)	
124			2W Digital Zone 2	UK2	$ 13.63	(1)	$ 86.76	(1)	$ 38.57	(1)	
125			2W Digital Zone 3	UK2	$ 15.86	(1)	$ 86.76	(1)	$ 38.57	(1)	
126			2W Digital Zone 4	UK2	$ 25.70	(1)	$ 86.76	(1)	$ 38.57	(1)	
127			4W Digital Zone 1	UK4RE	$ 4.68	(1)	$ 131.83	(1)	$ 52.08	(1)	
128			4W Digital Zone 2	UK4RE	$ 6.23	(1)	$ 131.83	(1)	$ 52.08	(1)	
129			4W Digital Zone 3	UK4RE	$ 10.05	(1)	$ 131.83	(1)	$ 52.08	(1)	
130			4W Digital Zone 4	UK4RE	$ 22.41	(1)	$ 131.83	(1)	$ 52.08	(1)	
131		Subloop Cross Connect	2W	UCX1X	None	(2)	$ 61.55	(2)	$ 46.35	(2)	
132			4W	UCX14	None	(2)	$ 74.00	(2)	$ 50.50	(2)	
133			Dark Fiber	UKCTX	$ 47.00	(2)	$ 75.00	(2)	$ 52.50	(2)	
134		Local Switching	Standard/Per Orig. or Term. MOU (excluding port) - Zone 1	ZZULS	$ 0.0016200	(1A)	None	(1A)	None	(1A)	
135			Standard/Per Orig. or Term. MOU (excluding port) - Zone 2	ZZULS	$ 0.0019490	(1A)	None	(1A)	None	(1A)	
136			Standard/Per Orig. or Term. MOU (excluding port) - Zone 3	ZZULS	$ 0.0028070	(1A)	None	(1A)	None	(1A)	
137			Standard/Per Orig. or Term. MOU (excluding port) - Zone 4	ZZULS	$ 0.0023910	(1A)	None	(1A)	None	(1A)	
138		Customized Routing Resale AIN	Per customer line	Not Applicable	$ 0.10	(3)	None	(3)	None	(3)	
139			Per end office (unless previously charged under UNE)	Not Applicable	None	(3)	$ 85.00	(3)	$85.00	(3)	

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140			SOAC Table Work (unless previously charged under UNE)	Not Applicable	None	(3)	$ 6,201.00	(3)	$6,201.00	(3)	
141			Development 1st LSP	Not Applicable	None	(3)	$ 390,645.00	(3)	None	(3)	
142			Development Subsqt LSP	Not Applicable	None	(3)	ICB	(3)	None	(3)	
143		Customized Routing UNE AIN	Per query per customer line	ZZURO	$ 0.0002333	(3)	None	(3)	None	(3)	
144			SOAC Work Table (if not previously charged under resale)	Not Applicable	None	(3)	$ 7,160.30	(3)	$7,160.30	(3)	
145			SOAC Work Table (if previously charged under resale)	Not Applicable	None	(3)	$ 959.30	(3)	$959.30	(3)	
146			Per end office (if not previously charged under resale)	Not Applicable	None	(3)	$ 98.10	(3)	$98.10	(3)	
147			Per end office (if previously charged under resale)	Not Applicable	None	(3)	$ 13.10	(3)	$13.10	(3)	
148			Per Centrex-like Customer	Not Applicable	None	(3)	$ 123.60	(3)	$123.60	(3)	
149			Development 1st LSP	Not Applicable	None	(3)	$273,916.32	(3)	None	(3)	
150			Development Subsqt LSP	Not Applicable	None	(3)	ICB	(3)	None	(3)	
151		Ports	Analog Line Port Zone 1	UYP/RBQ	$ 1.74	(1A)	$ 1.27	(1A)	$1.27	(1A)	
152			Analog Line Port Zone 2	UYP/RBQ	$ 1.97	(1A)	$ 1.27	(1A)	$1.27	(1A)	
153			Analog Line Port Zone 3	UYP/RBQ	$ 2.47	(1A)	$ 1.27	(1A)	$1.27	(1A)	
154			Analog Line Port Zone 4	UYP/RBQ	$ 2.25	(1A)	$ 1.27	(1A)	$1.27	(1A)	
155			BRI Line Port Zone 1	U1P/RBJ	$ 5.56	(1)	$ 5.36	(1)	$ 3.53	(1)	
156			BRI Line Port Zone 2	U1P/RBJ	$ 5.56	(1)	$ 5.36	(1)	$ 3.53	(1)	
157			BRI Line Port Zone 3	U1PRBJ	$ 5.56	(1)	$ 5.36	(1)	$ 3.53	(1)	
158			BRI Line Port Zone 4	U1PRBJ	$ 5.56	(1)	$ 5.36	(1)	$ 3.53	(1)	
159			PRI Line Port Zone 1	UJP/RB5	$ 165.85	(1)	$ 214.53	(1)	$ 98.53	(1)	
160			PRI Line Port Zone 2	UJP/RB5	$ 165.85	(1)	$ 214.53	(1)	$ 98.53	(1)	
161			PRI Line Port Zone 3	UJP/RB5	$ 165.85	(1)	$ 214.53	(1)	$ 98.53	(1)	
162			PRI Line Port Zone 4	UJP/RB5	$ 165.85	(1)	$ 214.53	(1)	$ 98.53	(1)	
163			Analog DID Trunk Port Zone 1	U5P/RBT	$ 13.55	(1)	$ 50.04	(1)	$ 50.04	(1)	
164			Analog DID Trunk Port Zone 2	U5P/RBT	$ 14.45	(1)	$ 52.10	(1)	$ 52.10	(1)	
165			Analog DID Trunk Port Zone 3	U5P/RBT	$ 10.60	(1)	$ 50.04	(1)	$ 50.04	(1)	
166			Analog DID Trunk Port Zone 4	U5P/RBT	$ 15.12	(1)	$ 50.04	(1)	$ 50.04	(1)	
167			DS1 Trunk Port Zone 1	U9Z	$ 132.14	(1)	$ 121.79	(1)	$ 24.76	(1)	
168			DS1 Trunk Port Zone 2	U9Z	$ 126.71	(1)	$ 121.83	(1)	$ 24.83	(1)	
169			DS1 Trunk Port Zone 3	U9Z	$ 58.04	(1)	$ 120.35	(1)	$ 22.86	(1)	
170			DS1 Trunk Port Zone 4	U9Z	$ 140.35	(1)	$ 123.74	(1)	$ 27.36	(1)	
171		Feature Activation per Analog Line Port Type	Call Waiting	ESX	None	(2)	$0.00	(2)	None	(2)	
172			Call Waiting ID	NWT	None	(2)	$0.00	(2)	None	(2)	
173			Call Waiting ID Options (for end users type 2.5 CPE)	NWL	None	(2)	$0.00	(2)	None	(2)	
174			Call Forwarding Variable	ESM	None	(2)	$0.00	(2)	None	(2)	
175			Call Forwarding Busy Line	EVB	None	(2)	$0.00	(2)	None	(2)	
176			Call Forwarding Don't Answer	EVD	None	(2)	$0.00	(2)	None	(2)	

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177			Call Forward Busy Line/Don't Answer	E5E	None	(2)	$0.00	(2)	None	(2)	
178			Call Transfer Disconnect	FG3	None	(2)	$0.00	(2)	None	(2)	
179			Simultaneous Call Forwarding	ESD	None	(2)	$0.00	(2)	None	(2)	
180			Remote Access to Call Forwarding	RC3	None	(2)	$0.00	(2)	None	(2)	
181			Three-Way Calling	ESC	None	(2)	$0.00	(2)	None	(2)	
182			Speed Calling 8	ESL	None	(2)	$0.00	(2)	None	(2)	
183			Speed Calling 30	ESF	None	(2)	$0.00	(2)	None	(2)	
184			Auto Callback/Auto Redial	NSQ	None	(2)	$0.00	(2)	None	(2)	
185			Distinctive Ring/Priority Call	NSK	None	(2)	$0.00	(2)	None	(2)	
186			Selective Call Rejection/Call Blocker	NSY	None	(2)	$0.00	(2)	None	(2)	
187			Auto Recall/Call Return	NSS	None	(2)	$0.00	(2)	None	(2)	
188			Selective Call Forwarding	NCE	None	(2)	$0.00	(2)	None	(2)	
189			Calling # Delivery	NSD	None	(2)	$0.00	(2)	None	(2)	
190			CNAM Delivery	NMP	None	(2)	$0.00	(2)	None	(2)	
191			Calling Name/Name Delivery Blocking/Per Ln Block	NBJ	None	(2)	$0.00	(2)	None	(2)	
192			Calling Number/Name Blocking (Per Call)	NSG	None	(2)	$0.00	(2)	None	(2)	
193			Anonymous Call Rejection	AYK	None	(2)	$0.00	(2)	None	(2)	
194			Customer Alerting Enablement	AWS	None	(2)	$0.00	(2)	None	(2)	
195			Toll Restriction	DH2	None	(2)	$0.00	(2)	None	(2)	
196			International Direct Dialing Blocking	NR4BK	None	(2)	$0.00	(2)	None	(2)	
197											
198		Analog Line Port Features/per arrangement	Personalized Ring	DRS	None	(2)	$0.00	(2)	None	(2)	
199			Personalized Ring 1st DN	DRS1X	None	(2)	$0.00	(2)	None	(2)	
200			Personalized Ring 2nd DN	DRS2X	None	(2)	$0.00	(2)	None	(2)	
201			Hunting Arrangement	NR931	None	(2)	$0.00	(2)	None	(2)	
202		Analog Line Port Feature Activation per successful occurrence	Call Trace (per feature per port)	NST	None	(2)	$0.00	(2)	None	(2)	
203			Call Trace (per successful occurrence per port)	ZZUCL	None	(2)	$0.00	(2)	None	(2)	
204		ISDN BRI Basic/BRI Centrex-like & PRI Trunk Side	CSV/CSD per B channel	STHXX	None	(2)	$0.00	(2)	None	(2)	
205			Additional Call Offering for CSV per B Channel	NCO	None	(2)	$0.00	(2)	None	(2)	
206			Call Forwarding Don't Answer per B Channel	NQ6	None	(2)	$0.00	(2)	None	(2)	
207			Call Forwarding Variable per B Channel	NVF	None	(2)	$0.00	(2)	None	(2)	
208			Three Way Conference Calling Per B Channel	NZ3	None	(2)	$0.00	(2)	None	(2)	

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209		ISDN BRI Centrex-like Features	Intercom Dialing	ERVCN	None	(2)	$0.00	(2)	None	(2)	
210		ISDN BRI Port Feature Packages	Basic EKTS per B channel	FPG1X	None	(2)	$0.00	(2)	None	(2)	
211			CACH EKTS per B channel	EFV1X	None	(2)	$0.00	(2)	None	(2)	
212		ISDN BRI Basic Individual Port Features	Call Forwarding Interface Busy	NQ5	None	(2)	$0.00	(2)	None	(2)	
213			Calling Number Delivery	ZCN	None	(2)	$0.00	(2)	None	(2)	
214			Hunt Group for CSD	HTKPG	None	(2)	$0.00	(2)	None	(2)	
215			Hunt Group for CSV	GXH	None	(2)	$0.00	(2)	None	(2)	
216			Message Waiting Indicator	NZW	None	(2)	$0.00	(2)	None	(2)	
217			Secondary Only Telephone Number	DO6	None	(2)	$0.00	(2)	None	(2)	
218		ISDN PRI Trunk Side Features	Backup D Channel	ZPBXD	None	(2)	$0.00	(2)	None	(2)	
219			Calling Number Delivery	NXN	None	(2)	$0.00	(2)	None	(2)	
220			Dynamic Channel Allocation	CCZ	None	(2)	$0.00	(2)	None	(2)	
221		Analog Trunk Port DS1 Digital DID Trunk Port	DID #s - Initial 100 #s	ND8	None	(2)	$0.00	(2)	None	(2)	
222			DID #S - Addtl.100 #s	ND9	None	(2)	$0.00	(2)	None	(2)	
223			DID #s - Initial 10 #s	NDZ	None	(2)	$0.00	(2)	None	(2)	
224			DID #s - Addtl. 10 #s	NDA	None	(2)	$0.00	(2)	None	(2)	
225		Centrex-like System Charges	System Establishment per serving office - Analog Only	SEPUX	None	(2)	$0.00	(2)	None	(2)	
226			System Establishment per serving office - Analog/ISDN BRI Mix	SEPUY	None	(2)	$0.00	(2)	None	(2)	
227			System Establishment per serving office - ISDN BRI Only	SEPUU	None	(2)	$0.00	(2)	None	(2)	
228			System Subsqnt Change per Serving Office - Analog/ISDN BRI mixed sys or BRI only Sys & Add analog to existing ISDN BRI only system	NR93X	None	(2)	$0.00	(2)	None	(2)	
229			System Subsqnt Conversion per serving office - Add Analog to existing ISDN BRI only system	NR93W	None	(2)	$0.00	(2)	None	(2)	
230		Analog Line Port & BRI Line Port Centrex-Like Features	Auto Callback Calling/Business Group Callback	RGE	None	(2)	$0.00	(2)	None	(2)	
231			Call Forwarding Busy Line	GCE	None	(2)	$0.00	(2)	None	(2)	
232			Call Hold	6AB	None	(2)	$0.00	(2)	None	(2)	
233			Call Pickup	E3P	None	(2)	$0.00	(2)	None	(2)	
234			Call Transfer - All Calls	TF1PS	None	(2)	$0.00	(2)	None	(2)	
235			Class of Service Restr. - Fully	ERSFC	None	(2)	$0.00	(2)	None	(2)	
236			Class of Service Restr. - Semi	RQW	None	(2)	$0.00	(2)	None	(2)	
237			Class of Service Restr. - Toll	ERSPA	None	(2)	$0.00	(2)	None	(2)	
238			Consult. Hold	EBE	None	(2)	$0.00	(2)	None	(2)	

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239			Dial Call Waiting	WDK	None	(2)	$0.00	(2)	None	(2)	
240			Directed Call Pickup - Non Barge in	69D	None	(2)	$0.00	(2)	None	(2)	
241			Directed Call Pickup - With Barge in	6MD	None	(2)	$0.00	(2)	None	(2)	
242			Distinctive Ring and Call Waiting Tone	DRJ	None	(2)	$0.00	(2)	None	(2)	
243			Hunting Arrgmt - Basic	HRK	None	(2)	$0.00	(2)	None	(2)	
244			Hunting Arrgmt - Circular	HCK	None	(2)	$0.00	(2)	None	(2)	
245		Analog Line Port Centrex-Like Features	Standard feature initialization per analog port	NR935	None	(2)	$0.00	(2)	None	(2)	
246			Call Forwarding Variable/ Business Group Call Forwarding Variable	HWJ	None	(2)	$0.00	(2)	None	(2)	
247			Call Forwarding Don't Answer	69H	None	(2)	$0.00	(2)	None	(2)	
248			Call Waiting - Intragroup/Business Call Forwarding Var.	NGW	None	(2)	$0.00	(2)	None	(2)	
249			Call Waiting - Orig.	6SZ	None	(2)	$0.00	(2)	None	(2)	
250			Call Waiting - Term.	HUH	None	(2)	$0.00	(2)	None	(2)	
251			Speed Calling Personal	E18	None	(2)	$0.00	(2)	None	(2)	
252			Three Way Calling	ESCPS	None	(2)	$0.00	(2)	None	(2)	
253			Voice/Data Protection	D7N	None	(2)	$0.00	(2)	None	(2)	
254		BRI Line Port Centrex-Like Features	Standard feature initialization per ISDN BRI port	NR936	None	(2)	$0.00	(2)	None	(2)	
255			Speed Calling Personal	NXG	None	(2)	$0.00	(2)	None	(2)	
256		Tandem Switching	Per MOU per call	ZZUTA	$ 0.001231	(1A)	None	(1A)	None	(1A)	
257		Blended Transport	Per MOU - Zone 1	ZZUBT	$ 0.000535	(1A)	None	(1A)	None	(1A)	
258			Per MOU - Zone 2	ZZUBT	$ 0.000641	(1A)	None	(1A)	None	(1A)	
259			Per MOU - Zone 3	ZZUBT	$ 0.000697	(1A)	None	(1A)	None	(1A)	
260			Per MOU - Zone 4	ZZUBT	$ 0.000507	(1A)	None	(1A)	None	(1A)	
261			Per MOU - Interzone	ZZUBT	$ 0.000661	(1A)	None	(1A)	None	(1A)	
262		Common Transport	Termination MOU Zone 1	ZZUCT	$ 0.0001550	(1A)	None	(1A)	None	(1A)	
263			Termination MOU Zone 2	ZZUCT	$ 0.0002320	(1A)	None	(1A)	None	(1A)	
264			Termination MOU Zone 3	ZZUCT	$ 0.0002460	(1A)	None	(1A)	None	(1A)	
265			Termination MOU Zone 4	ZZUCT	$ 0.0001320	(1A)	None	(1A)	None	(1A)	
266			Termination MOU Interzone	ZZUCT	$ 0.0002710	(1A)	None	(1A)	None	(1A)	
267			Facility Mile MOU Zone 1	ZZUCT	$ 0.0000016	(1A)	None	(1A)	None	(1A)	
268			Facility Mile MOU Zone 2	ZZUCT	$ 0.0000057	(1A)	None	(1A)	None	(1A)	
269			Facility Mile MOU Zone 3	ZZUCT	$ 0.0000117	(1A)	None	(1A)	None	(1A)	
270			Facility Mile MOU Zone 4	ZZUCT	$ 0.0000008	(1A)	None	(1A)	None	(1A)	
271			Facility Mile MOU Interzone	ZZUCT	$ 0.0000030	(1)	None	(1)	None	(1)	
272		Dedicated Transport	DS1 Entrance Facilities Zone 1	UENHX	$ 162.30	(2)	$ 471.00	(2)	$ 342.00	(2)	
273			DS1 Entrance Facilities Zone 2	UENHX	$ 162.30	(2)	$ 471.00	(2)	$ 342.00	(2)	
274			DS1 Entrance Facilities Zone 3	UENHX	$ 162.30	(2)	$ 471.00	(2)	$ 342.00	(2)	
275			DS1 Entrance Facilities Zone 4	UENHX	$ 162.30	(2)	$ 471.00	(2)	$ 342.00	(2)	
276			DS3 Entrance Facilities Zone 1	UENJX	$ 1,884.49	(2)	$ 477.75	(2)	$ 372.00	(2)	
277			DS3 Entrance Facilities Zone 2	UENJX	$ 1,884.49	(2)	$ 477.75	(2)	$ 372.00	(2)	
278			DS3 Entrance Facilities Zone 3	UENJX	$ 1,884.49	(2)	$ 477.75	(2)	$ 372.00	(2)	
279			DS3 Entrance Facilities Zone 4	UENJX	$ 1,884.49	(2)	$ 477.75	(2)	$ 372.00	(2)	

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280			OC3 Entrance Facilities Zone 1	UENKX	$ 662.30	(3)	$ 608.40	(3)	$ 231.15	(3)	
281			OC3 Entrance Facilities Zone 2	UENKX	$ 681.16	(3)	$ 608.40	(3)	$ 231.15	(3)	
282			OC3 Entrance Facilities Zone 3	UENKX	$ 719.97	(3)	$ 608.40	(3)	$ 231.15	(3)	
283			OC3 Entrance Facilities Zone 4	UENKX	$ 662.30	(3)	$ 608.40	(3)	$ 231.15	(3)	
284			OC12 Entrance Facilities Zone 1	UENLX	$ 1,570.55	(3)	$ 608.40	(3)	$ 231.15	(3)	
285			OC12 Entrance Facilities Zone 2	UENLX	$ 1,589.41	(3)	$ 608.40	(3)	$ 231.15	(3)	
286			OC12 Entrance Facilities Zone 3	UENLX	$ 1,628.22	(3)	$ 608.40	(3)	$ 231.15	(3)	
287			OC12 Entrance Facilities Zone 4	UENLX	$ 1,570.55	(3)	$ 608.40	(3)	$ 231.15	(3)	
288			VG Interoffice Transport - Term. Zone 1	ULN2S	$ 12.74	(3)	$ 87.06	(3)	$ 98.46	(3)	
289			VG Interoffice Transport - Term. Zone 2	ULN2S	$ 12.89	(3)	$ 87.06	(3)	$ 98.46	(3)	
290			VG Interoffice Transport - Term. Zone 3	ULN2S	$ 13.25	(3)	$ 87.06	(3)	$ 98.46	(3)	
291			VG Interoffice Transport - Term. Zone 4	ULN2S	$ 12.74	(3)	$ 87.06	(3)	$ 98.46	(3)	
292			VG Interoffice Transport - Term. Interzone	ULN2S	$ 13.87	(3)	$ 87.06	(3)	$ 98.46	(3)	
293			VG Interoffice Transport - Mile Zone 1	ULN2S	$ 0.011	(3)	$ 87.06	(3)	$ 98.46	(3)	
294			VG Interoffice Transport - Mile Zone 2	ULN2S	$ 0.057	(3)	$ 87.06	(3)	$ 98.46	(3)	
295			VG Interoffice Transport - Mile Zone 3	ULN2S	0.113	(3)	$ 87.06	(3)	$ 98.46	(3)	
296			VG Interoffice Transport - Mile - Zone 4	ULN2S	0.011	(3)	$ 87.06	(3)	$ 98.46	(3)	
297			VG Interoffice Transport - Mile - Interzone	ULN2S	0.057	(3)	$ 87.06	(3)	$ 98.46	(3)	
298			DS1 Interoffice Transport - 1st Mile Zone 1	ULNHS	$ 46.85	(1A)	$ 174.43	(1A)	$ 118.14	(1A)	
299			DS1 Interoffice Transport - 1st Mile Zone 2	ULNHS	$ 70.87	(1A)	$ 174.43	(1A)	$ 118.14	(1A)	
300			DS1 Interoffice Transport - 1st Mile Zone 3	ULNHS	$ 71.61	(1A)	$ 174.43	(1A)	$ 118.14	(1A)	
301			DS1 Interoffice Transport - 1st Mile-Zone 4	ULNHS	$ 42.78	(1A)	$ 174.43	(1A)	$ 118.14	(1A)	
302			DS1 Interoffice Transport - 1st Mile-Interzone	ULNHS	$ 81.61	(1A)	$ 174.43	(1A)	$ 118.14	(1A)	
303			DS1 Interoffice Transport - Add'l Mile Zone 1	ULNHS	$ 0.51	(1A)	$ 174.43	(1A)	$ 118.14	(1A)	
304			DS1 Interoffice Transport - Add'l Mile Zone 2	ULNHS	$ 1.36	(1A)	$ 174.43	(1A)	$ 118.14	(1A)	
305			DS1 Interoffice Transport - Add'l Mile Zone 3	ULNHS	$ 1.60	(1)	$174.43	(1)	$118.14	(1)	

UNE AECN:
RESALE AECN:
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306			DS1 Interoffice Transport - Add'l Mile - Zone 4	ULNHS	$ 0.19	(1)	$174.43	(1)	$118.14	(1)	
307			DS1 Interoffice Transport - Add'l Mile - Interzone	ULNHS	$ 0.97	(1)	$174.43	(1)	$118.14	(1)	
308			DS3 Interoffice Transport - 1st Mile Zone 1	ULNJS	$ 754.05	(1A)	$ 170.28	(1A)	$ 130.07	(1A)	
309			DS3 Interoffice Transport - 1st Mile Zone 2	ULNJS	$ 1,486.67	(1A)	$ 170.28	(1A)	$ 130.07	(1A)	
310			DS3 Interoffice Transport - 1st Mile Zone 3	ULNJS	$ 1,670.39	(1A)	$ 170.28	(1A)	$ 130.07	(1A)	
311			DS3 Interoffice Transport - 1st Mile Zone 4	ULNJS	$ 643.14	(1A)	$ 170.28	(1A)	$ 130.07	(1A)	
312			DS3 Interoffice Transport -1st Mile-Interzone	ULNJS	$ 1,924.75	(1A)	$ 170.28	(1A)	$ 130.07	(1A)	
313			DS3 Interoffice Transport - Add'l Mile Zone 1	ULNJS	$ 12.75	(1A)	$ 170.28	(1A)	$ 130.07	(1A)	
314			DS3 Interoffice Transport - Add'l Mile Zone 2	ULNJS	$ 46.01	(1A)	$ 170.28	(1A)	$ 130.07	(1A)	
315			DS3 Interoffice Transport - Add'l Mile Zone 3	ULNJS	$ 79.54	(1A)	$ 170.28	(1A)	$ 130.07	(1A)	
316			DS3 Interoffice Transport -Add'l Mile-Zone 4	ULNJS	$ 16.16	(1A)	$ 170.28	(1A)	$ 130.07	(1A)	
317			DS3 Interoffice Transport -Add'l Mile-Interzone	ULNJS	$ 21.08	(1A)	$ 170.28	(1A)	$ 130.07	(1A)	
318			OC3 Interoffice Transport - Term. Zone 1	ULNKS	$ 1,381.04	(3)	$ 562.41	(3)	$ 276.80	(3)	
319			OC3 Interoffice Transport -Term. Zone 2 (Includes 1st Mile)	ULNKS	$ 1,461.22	(3)	$ 562.41	(3)	$ 276.80	(3)	
320			OC3 Interoffice Transport -Term. Zone 3 (Includes 1st Mile)	ULNKS	$ 2,188.84	(3)	$ 562.41	(3)	$ 276.80	(3)	
321			OC3 Interoffice Transport - Term.- Zone 4 (Includes 1st Mile)	ULNKS	$ 1,381.04	(3)	$ 562.41	(3)	$ 276.80	(3)	
322			OC3 Interoffice Transport - Term.- Interzone (Includes 1st Mile)	ULNKS	$ 2,578.91	(3)	$ 562.41	(3)	$ 276.80	(3)	
323			OC3 Interoffice Transport - Mile Zone 1	ULNKS	$ 27.85	(3)	$ 562.41	(3)	$ 276.80	(3)	
324			OC3 Interoffice Transport - Mile Zone 2	ULNKS	$ 48.47	(3)	$ 562.41	(3)	$ 276.80	(3)	
325			OC3 Interoffice Transport - Mile Zone 3	ULNKS	$ 175.76	(3)	$ 562.41	(3)	$ 276.80	(3)	
326			OC3 Interoffice Transport - Mile - Zone 4	ULNKS	$ 27.85	(3)	$ 562.41	(3)	$ 276.80	(3)	
327			OC3 Interoffice Transport - Mile - Interzone	ULNKS	$ 43.27	(3)	$ 562.41	(3)	$ 276.80	(3)	

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328			OC12 Interoffice Transport -Term. Zone 1	ULNLS	$ 5,238.16	(3)	$ 577.05	(3)	$ 297.74	(3)	
329			OC12 Interoffice Transport - Term. Zone 2	ULNLS	$ 5,675.82	(3)	$ 577.05	(3)	$ 297.74	(3)	
330			OC12 Interoffice Transport -Term. Zone 3	ULNLS	$ 8,048.17	(3)	$ 577.05	(3)	$ 297.74	(3)	
331			OC12 Interoffice Transport -Term - Zone 4	ULNLS	$ 5,238.16	(3)	$ 577.05	(3)	$ 297.74	(3)	
332			OC12 Interoffice Transport -Term - Interzone	ULNLS	$ 9,804.49	(3)	$ 577.05	(3)	$ 297.74	(3)	
333			OC12 Interoffice Transport - Mile Zone 1	ULNLS	$ 111.40	(3)	$ 577.05	(3)	$ 297.74	(3)	
334			OC12 Interoffice Transport - Mile Zone 2	ULNLS	$ 193.85	(3)	$ 577.05	(3)	$ 297.74	(3)	
335			OC12 Interoffice Transport - Mile Zone 3	ULNLS	$ 703.03	(3)	$ 577.05	(3)	$ 297.74	(3)	
336			OC12 Interoffice Transport -Mile - Zone 4	ULNLS	$ 111.40	(3)	$ 577.05	(3)	$ 297.74	(3)	
337			OC12 Interoffice Transport -Mile - Interzone	ULNLS	$ 173.08	(3)	$ 577.05	(3)	$ 297.74	(3)	
338			OC48 Interoffice Transport - Urban Term.	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
339			OC48 Interoffice Transport - Suburban Term.	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
340			OC48 Interoffice Transport - Rural Term.	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
341			OC48 Interoffice Transport -Term. Interzone	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
342			OC48 Interoffice Transport - Urban Mile	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
343			OC48 Interoffice Transport - Suburban Mile	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
344			OC48 Interoffice Transport - Rural Mile	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
345			OC48 Interoffice Transport - Interzone Mile	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
346		Dedicated Transport Cross Connect	Voice Grade 2W	UCXV2	$ 2.88	(3)	$ 47.38	(3)	$ 35.31	(3)	
347			VG 4W	UCXV4	$ 4.05	(3)	$ 53.06	(3)	$ 38.50	(3)	
348			DS1	UCXHX	$ 12.00	(2)	$ 74.25	(2)	$ 71.25	(2)	
349			DS3	UCXJX	$ 30.08	(1)	$ 54.98	(1)	$ 42.90	(1)	
350			OC3	UCXKX	$ 50.00	(3)	$ 233.77	(3)	$ 115.32	(3)	
351			OC12	UCXLX	$ 50.00	(3)	$ 239.85	(3)	$ 124.04	(3)	
352			OC48	UCXNX	ICB	(2)	ICB	(2)	ICB	(2)	

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353		Digital Cross-Connect System	DS0 DCS Port	(UDU5X) Under Development	$ 13.70	(2)	$ 24.30	(2)	None	(2)	
354			DS1 DCS Port	UDUDX	$ 45.14	(2)	$ 42.32	(2)	None	(2)	
355			DS3 DCS Port	(UDU3X) Under Development	$ 490.05	(2)	$ 32.00	(2)	None	(2)	
356			DCS Establishment	SEPU3	None	(2)	$ 1,291.50	(2)	None	(2)	
357			Database Modification	NR9U4	None	(2)	$ 65.33	(2)	None	(2)	
358			*Reconfiguration Charge*	*Not Applicable*	None	(2)	$ 0.94	(2)	None	(2)	
359		Multiplexing	VG to DS1	UM4BX	$ 180.00	(2)	$ 195.00	(2)	$ 120.75	(2)	
360			DS1 to DS3	UM4AX	$ 815.00	(2)	$ 1,029.00	(2)	$ 609.75	(2)	
361		SS7 Links - Cross Connect	STP to Collo Cage - DS0 (all zones)	5-state billed in IBIS	$ 74.20	(2)	$ 224.85	(2)	$ 151.84	(2)	
362			STP to Collo Cage - DS1 (all zones)	5-state billed in IBIS	$ 53.65	(2)	$ 192.75	(2)	$ 130.84	(2)	
363			STP to SWBT TDF - DS0	5-state billed in IBIS	$ 42.58	(3)	$ 67.24	(3)	$ 64.55	(3)	
364			STP to SWBT SDX Frame - DS1	5-state billed in IBIS	$ 30.89	(3)	$ 75.12	(3)	$ 72.46	(3)	
365		Unbundled Signaling	STP Access Connection 1.544 Mbps - Fixed	IBIS billed	$ 38.15	(3)	None	(3)	None	(3)	
366			STP Access Connection 1.544 Mbps - per mile	IBIS billed	(included in rate above)	(3)	None	(3)	None	(3)	
367			STP Access Link 56 Kbps per link	IBIS billed	$ 100.16	(3)	None	(3)	None	(3)	
368			STP Access Link 56 Kbps per mile	IBIS billed	$ 0.91	(3)	None	(3)	None	(3)	
369			SS7 Transport per octet	IBIS billed	$ 0.0000006	(1A)	None	(1A)	None	(1A)	
370			SS7 Signaling Transport per call	ZZUU7	$ 0.000060	(3)	None	(3)	None	(3)	
371			STP Port per port	PT8SX - IBIS billed	$ 391.70	(1A)	$ 217.14	(1A)	None	(1A)	
372			Point Code Addition per STP pair	IBIS billed	None	(3)	$ 12.57	(3)	$12.57	(3)	
373			GTT Title Translation - Simple	Under development	None	(3)	$ 1.01	(3)	$1.01	(3)	
374			GTT Title Translation - Complex	Under development	None	(3)	ICB	(3)	ICB	(3)	
375		Line Information Database - Validation and CNAM	Validation Query	Not Applicable	*$0.00*	(2)	*None*	(2)	*None*	(2)	
376			CNAM Service Query	Not Applicable	$0.00	(2)	None	(2)	None	(2)	
377			Query Transport	Not Applicable	$0.00	(2)	None	(2)	None	(2)	
378			Service Order Charge	Not Applicable	$0.00	(2)	None	(2)	None	(2)	
379			Line Validation Administration System	Not Applicable	None	(2)	None	(2)	None	(2)	
380		Toll Free Database per Message/Query	800 Query - Simple	Not Applicable	$ 0.000254	(1)	None	(1)	None	(1)	
381			Designated 10-Digit Translation	Not Applicable	$0.00	(1)	None	(1)	None	(1)	
382			Call Validation	Not Applicable	$0.00	(1)	None	(1)	None	(1)	
383			Call Handling and Destination (Toll-Free-800 Addition)	Not Applicable	$ 0.000034	(1)	None	(1)	None	(1)	
384		OSS	System Access	Not a UNE	$3,345.00	(6)	None	(6)	None	(6)	
385			Remote Facility per port - Direct Connections	Not a UNE	$1,580.00	(6)	None	(6)	None	(6)	

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386			Remote Facility per port - Dial-up Connection	Not a UNE	$316.00	(6)	None	(6)	None	(6)	
387		Directory Assistance	DA per call	ZZUO3/ZZUO4	$ 0.3700		None		None		
388			DACC - rate per completed call	ZZUO7	$ 0.1500		None		None		
389			Non-Published EMS	Not Applicable	$ 2.10		None		None		
390			National Directory Assistance (NDA)	ZZUO5/ZZUO6	$ 0.65		None		None		Add NDA
391			Business Category Search (BCS)	ZZUOB	$ 0.65		None		None		Add BCS
392			Reverse Directory Assistance (RDA)	ZZUO8/ZZUO9	$ 0.65		None		None		Add RDA
393		Access to DS DB - Direct Access	DB Service	Not Applicable	ICB		None		None		
394			Direct Access, per search	Not Applicable	ICB		None		None		
395			Service Establishment	Not Applicable	ICB		None		None		
396		Operator Services Call Completion Services	Operator Assisted and Semi-Auto per work sec.	ZZUO2	$ 0.0200		None		None		
397			All Fully-Auto per call	ZZUO1	$ 0.1500		None		None		
398		UNE/Facility Based Call Branding (DA/OS)	Per branded call	ZZUCB	$ 0.0250		None		None		
399			Per load/change per TOPS switch per brand	NRBDG	None		$ 3,000.00		None		
400		Resale Call Branding (DA/OS)	Per branded call	ZZUCB	$ 0.0250		None		None		
401			Per load/change per TOPS switch per brand	NRBDG	None		$ 3,000.00		None		
402		UNE/Facility Based Rate/Reference Info	Per load//TOPS switch	NRBDL	None		$ 2,200.00		None		
403			Per change/TOPS switch	NRBDM	None		$ 1,000.00		None		
404		Resale Rate/Reference Info	Per load/TOPS switch	NRBDL	None		$ 2,200.00		None		
405			Per change/TOPS switch	NRBDM	None		$ 1,000.00		None		
406		Service Order Charges - Unbundled Elements	**Electronic UNE Service Order Charge**								
407			New Simple - Electronic	NR9W2	None	(1)	$ 5.00	(1)	None	(1)	
408			Change Simple - Electronic	NR9GG	None	(1)	$ 5.00	(1)	None	(1)	
409			Record Simple - Electronic	NR9GU	None	(1)	$ 5.00	(1)	None	(1)	
410			Disconnect Simple - Electronic	NR9GZ	None	(1)	$ 5.00	(1)	None	(1)	
411			Suspend Simple - Electronic	NRBJ5	None	(1)	$ 5.00	(1)	None	(1)	
412			Restore Simple - Electronic	NRBJ6	None	(1)	$ 5.00	(1)	None	(1)	
413			Expedited Simple - Electronic	(NR9W2)	None	(1)	$ 5.00	(1)	None	(1)	
414			Customer Not Ready Simple - Electronic	(NR9W2)	None	(1)	$ 5.00	(1)	None	(1)	
415			Due Date Change or Cancellation Simple Electronic	(NR9W2)	None	(1)	$ 5.00	(1)	None	(1)	
416			**Mechanized/Manual UNE Service Order Charge**								
417			New Simple	NRBUQ	None	(2)	$0.00	(2)	None	(2)	

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418			New Complex	NRBUR	None	(2)	$0.00	(2)	None	(2)	
419			Change Simple	NRBUO	None	(2)	$0.00	(2)	None	(2)	
420			Change Complex	NRBUP	None	(2)	$0.00	(2)	None	(2)	
421			Record Simple	NRBUU	None	(2)	$0.00	(2)	None	(2)	
422			Record Complex	NRBUV	None	(2)	$0.00	(2)	None	(2)	
423			Disconnect Simple	NRBUW	None	(2)	$0.00	(2)	None	(2)	
424			Disconnect Complex	NRBUX	None	(2)	$0.00	(2)	None	(2)	
425			Suspend Simple	NRBJZ	None	(2)	$0.00	(2)	None	(2)	
426			Suspend Complex	NRBJ7	None	(2)	$0.00	(2)	None	(2)	
427			Restore Simple	NRBJ9	None	(2)	$0.00	(2)	None	(2)	
428			Restore Complex	NRBJ8	None	(2)	$0.00	(2)	None	(2)	
429			Expedited Simple	(NRBUQ)	None	(2)	$0.00	(2)	None	(2)	
430			Expedited Complex	(NRBUR)	None	(2)	$0.00	(2)	None	(2)	
431			Customer Not Ready Simple	(NRBUQ)	None	(2)	$0.00	(2)	None	(2)	
432			Customer Not Ready Complex	(NRBUR)	None	(2)	$0.00	(2)	None	(2)	
433			Due Date Change or Cancellation Simple	(NRBUQ)	None	(2)	$0.00	(2)	None	(2)	
434			Due Date Change or Cancellation Complex	(NRBUR)	None	(2)	$0.00	(2)	None	(2)	
435			PIC Change Charge	NRBL9	None	(4)	$5.83	(4)	1.52	(4)	
436		Maintenance of Service Charges	Basic Time - per half hour	MVV	None	(4)	$ 30.93	(4)	$ 21.32	(4)	
437			Overtime - per half hour	MVV	None	(4)	$ 36.35	(4)	$ 26.73	(4)	
438			Premium Time - per half hour	MVV	None	(4)	$ 41.77	(4)	$ 32.15	(4)	
439		Time and Materials Charges	Basic Time - per half hour	ALK,ALH,ALT	None	(4)	$ 30.93	(4)	$ 21.32	(4)	
440			Overtime - per half hour	ALK,ALH,ALT	None	(4)	$ 36.35	(4)	$ 26.73	(4)	
441			Premium Time - per half hour	ALK,ALH,ALT	None	(4)	$ 41.77	(4)	$ 32.15	(4)	
442		Nonproductive Dispatch Charges	Basic Time - per half hour	MVV	None	(4)	$ 30.93	(4)	$ 21.32	(4)	
443			Overtime - per half hour	MVV	None	(4)	$ 36.35	(4)	$ 26.73	(4)	
444			Premium Time - per half hour	MVV	None	(4)	$ 41.77	(4)	$ 32.15	(4)	
445		Miscellaneous	Performance Data	Not Applicable	ICB	(2)	ICB	(2)	ICB	(2)	
446			Special Request Processing	Not Applicable	ICB	(2)	ICB	(2)	ICB	(2)	
447			Local Discount Report - LDR per WTN (Facility Based/Resale)	CRIS	$ 0.08		None		None		
448		Dark Fiber - Interoffice	Dark fiber to Collo Cross-Connect	UCXPX	$ 1.71	(3)	$ 65.87	(3)	$ 48.44	(3)	
449			Dark Fiber - Termination	ULYCX	$ 4.50	(1)	$ 42.52	(1)	28.41	(1)	
450			Dark Fiber Foot Zone 1	ULNCF	$ 0.002085	(1)	None	(1)	None	(1)	
451			Dark Fiber Foot Zone 2	ULNCF	$ 0.003156	(1)	None	(1)	None	(1)	
452			Dark Fiber Foot Zone 3	ULNCF	$ 0.004752	(1)	None	(1)	None	(1)	
453			Dark Fiber Foot Zone 4	ULNCF	$ 0.002085	(1)	None	(1)	None	(1)	
454		Mutual Licensing DA Listings	Per listing Initial & Subsequent	Not Applicable	None		$ 0.0585		None		
455		BCR	Per local message	Not Applicable	$ 0.080	(4)	None	(4)	None	(4)	

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456			Per interstate local message	Not Applicable	$ 0.050	(4)	None	(4)	None	(4)	
457		Clearinghouse	Per originating message	Not Applicable	$ 0.020	(4)	None	(4)	None	(4)	
458			Per end user message billed	Not Applicable	$ 0.050	(4)	None	(4)	None	(4)	
459		Recording	Recording/Access Usage Record	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
460			Assembly and Editing per Message	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
461			Rating per Message	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
462			Message Processing per Message	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
463			Provision of Message Detail per record	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
464			Source Info Provided per record furnished - meet point billing applicable	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
465			Source Info Provided per record furnished - meet point billing not applicable	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
466		Hosting	Full Status RAO Company - Hosting Company Network per billable msg	Not Applicable	$ 0.0020	(4)	None	(4)	None	(4)	
467			Full Status RAO Company - Nat'l CMDS Network per billable mssg	Not Applicable	$ 0.0050	(4)	None	(4)	None	(4)	
468			Non-Full Status RAO Company - Hosting Company Network per billable mssg	Not Applicable	$ 0.0100	(4)	None	(4)	None	(4)	
469			Non-Full Status RAO Company - Nat'l CMDS Network per billable mssg	Not Applicable	$ 0.0070	(4)	None	(4)	None	(4)	
470			Non-Full Status RAO Company - Delivery per record charge per billable mssg.	Not Applicable	$ 0.0030	(4)	None	(4)	None	(4)	
471		E911	*Feature per 1000 lines - ANI to SWBT PSAP*	Not Applicable	$ 10.00	(4)	$ 80.00	(4)	None	(4)	
472			Feature per 1000 lines - ANI to Non-SWBT PSAP	Not Applicable	$ 10.00	(4)	$ 80.00	(4)	None	(4)	
473			Feature per 1000 lines - ANI and Selective Routing to SWBT PSAP	Not Applicable	$ 51.60	(4)	$ 85.00	(4)	None	(4)	
474			Feature per 1000 lines - ANI and Selective Routing to Non-SWBT PSAP	Not Applicable	$ 51.60	(4)	$ 85.00	(4)	None	(4)	
475			Feature per 1000 lines - ANI and ALI to SWBT PSAP	Not Applicable	$ 83.60	(4)	$ 85.00	(4)	None	(4)	
476			Feature per 1000 lines - ANI and ALI to Non-SWBT PSAP	Not Applicable	$ 83.60	(4)	$ 85.00	(4)	None	(4)	
477			Feature per 1000 lines - ANI, SR and ALI to SWBT PSAP	Not Applicable	$ 83.60	(4)	$ 85.00	(4)	None	(4)	
478			Feature per 1000 lines - ANI, SR and ALI to Non-SWBT PSAP	Not Applicable	$ 83.60	(4)	$ 85.00	(4)	None	(4)	
479			Trunk Charge per channel	Not Applicable	$ 58.00	(4)	$ 170.00	(4)	None	(4)	

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480		Intercompany Terminating Compensation for Local Traffic									
481		Tandem Switching per MOU	Tandem Switching Per MOU	ZZUR1	$ 0.001231	(1A)	None	(1A)	None	(1A)	
482		Blended Transport	Zone 1	Not Applicable	$ 0.000657		None		None		
483			Zone 2	Not Applicable	$ 0.000787		None		None		
484			Zone 3	Not Applicable	$ 0.000860		None		None		
485			Zone 4	Not Applicable	$ 0.000622		None		None		
486		Common Transport - Reciprocal Compensation	Termination MOU Zone 1	ZZUST	$ 0.000155	(1A)	None	(1A)	None	(1A)	
487			Termination MOU Zone 2	ZZUST	$ 0.000232	(1A)	None	(1A)	None	(1A)	
488			Termination MOU Zone 3	ZZUST	$ 0.000246	(1A)	None	(1A)	None	(1A)	
489			Termination MOU Zone 4	ZZUST	$ 0.000132	(1A)	None	(1A)	None	(1A)	
490			Termination MOU Interzone	ZZUST	$ 0.000271	(1A)	None	(1A)	None	(1A)	
491			Facilities per mile per MOU Zone 1	ZZURF	$ 0.0000016	(1A)	None	(1A)	None	(1A)	
492			Facilities per mile per MOU Zone 2	ZZURF	$ 0.0000057	(1A)	None	(1A)	None	(1A)	
493			Facilities per mile per MOU Zone 3	ZZURF	$ 0.0000117	(1A)	None	(1A)	None	(1A)	
494			Facilities per mile per MOU Zone 4	ZZURF	$ 0.0000008	(1A)	None	(1A)	None	(1A)	
495			Facilities per mile per MOU Interzone	ZZURF	$ 0.0000030	(1)	None	(1)	None	(1)	
496		End Office Switching	Zone 1	ZZUR2	$ 0.001620	(1A)	None	(1A)	None	(1A)	
497			Zone 2	ZZUR2	$ 0.001949	(1A)	None	(1A)	None	(1A)	
498			Zone 3	ZZUR2	$ 0.002807	(1A)	None	(1A)	None	(1A)	
499			Zone 4	ZZUR2	$ 0.002391	(1A)	None	(1A)	None	(1A)	
500		Transit Compensation	Transit Rate								
501			Zone 1	Not Applicable	$ 0.001714	(1)	None	(1)	None	(1)	
502			Zone 2	Not Applicable	$ 0.001844	(1)	None	(1)	None	(1)	
503			Zone 3	Not Applicable	$ 0.001917	(1)	None	(1)	None	(1)	
504			Zone 4	Not Applicable	$ 0.001679	(1)	None	(1)	None	(1)	
505			Interzone	Not Applicable	$ 0.001863	(1)	None	(1)	None	(1)	
506		CMRS Transit Compensation	Transit Rate								
507			Zone 1	Not Applicable	$ 0.001714	(1)	None	(1)	None	(1)	
508			Zone 2	Not Applicable	$ 0.001844	(1)	None	(1)	None	(1)	
509			Zone 3	Not Applicable	$ 0.001917	(1)	None	(1)	None	(1)	
510			Zone 4	Not Applicable	$ 0.001679	(1)	None	(1)	None	(1)	
511			Interzone	Not Applicable	$ 0.001863	(1)	None	(1)	None	(1)	
512		White Pages Info Pages	Information Pages per year per book (Zone 1)	Not Applicable	None	(13)	$ 3,191.73	(13)	None	(13)	
513			Information Pages per year per book (Zone 2)	Not Applicable	None	(13)	$ 168.09	(13)	None	(13)	
514			Information Pages per year per book (Zone 3)	Not Applicable	None	(13)	$ 75.59	(13)	None	(13)	
515		White Pages Delivery	Delivery to LSP in bulk, per book, Zone 1	Not Applicable	None	(13)	$4.46	(13)	None	(13)	

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516			Delivery to LSP in bulk, per book, Zone 2	Not Applicable	None	(13)	$1.29	(13)	None	(13)	
517			Delivery to LSP in bulk, per book, Zone 3	Not Applicable	None	(13)	$1.26	(13)	None	(13)	
518			Delivery to End User, per book, Zone 1	Not Applicable	None	(13)	$6.48	(13)	None	(13)	
519			Delivery to End User, per book, Zone 2	Not Applicable	None	(13)	$2.50	(13)	None	(13)	
520			Delivery to End User, per book, Zone 3	Not Applicable	None	(13)	$2.81	(13)	None	(13)	
521			Subsequent Order & Delivery, per book-all zones	Not Applicable	None	(13)	$10.00	(13)	None	(13)	
522		Poles, Ducts, and Conduit	Pole Attachment per pole per year	Not Applicable	$ 2.35	(1)	None	(1)	None	(1)	
523			Conduit Space, per duct foot per year	Not Applicable	$ 0.40	(1)	None	(1)	None	(1)	
524			Inner Duct, per duct foot per year	Not Applicable	$ 0.205	(1)	None	(1)	None	(1)	
525			Fee for Admin. Approval of requests for pole attachment and conduit space	Not Applicable	Same as fee charged to CATV providers	(1)	None	(1)	None	(1)	
526		INP Remote	Per line	Not Applicable	None	(1)	None	(1)	None	(1)	
527			Add'l Path	Not Applicable	None	(1)	None	(1)	None	(1)	
528		INP Direct	Number	Not Applicable	None	(1)	None	(1)	None	(1)	
529			Trunk Termination	Not Applicable	None	(1)	None	(1)	None	(1)	
530			D4 Channel Bank	Not Applicable	None	(1)	None	(1)	None	(1)	
531			DID Nonrecurring per #	Not Applicable	None	(1)	None	(1)	None	(1)	
532			DID Nonrecurring Transport per MOU	Not Applicable	None	(1)	None	(1)	None	(1)	
533			Conversion Order Charges for Resold Services								
534			Mechanized Simple	CRIS	None	(1)	$ 5.00	(1)	None	(1)	
535			Mechanized Complex	CRIS	None	(1)	$ 5.00	(1)	None	(1)	
536			Simple Manual	CRIS	None	(1)	$ 5.00	(1)	None	(1)	
537			Complex Manual	CRIS	None	(1)	$ 5.00	(1)	None	(1)	
538		NXX Migration per NXX	NXX Migration per NXX	Not Applicable	None	(2)	$ 12,940.00	(2)	None	(2)	
539		Local Disconnect Report	Local Disconnect Report	Not Applicable	$ 0.003	(4)	None	(4)	None	(4)	
540		Central Office Access Charge	Residential	Not Applicable	None	(5)	$ 16.35	(5)	None	(5)	
541			Business	Not Applicable	None	(5)	$ 21.30	(5)	None	(5)	
542	(1) Permanent TELRIC Based rates from final Missouri Commission order in TO-97-40										
543	(1A) Permanent TELRIC based rates from Final Missouri Commission order in TO-97-40, Less Voluntary reductions.										
544	(2) Interim subject to prospective change and retrospective true-up to prices established by the Missouri PSC in Case No. TO-2001-438 or other appropriate docket established by the PSC.										
545	(3) Interim subject to prospective change and retrospective true-up to prices established by the Missouri PSC in Case No. TO-2001-438 or other appropriate docket established by the PSC.										
546	(4) Based on Missouri Tariff rates and or taken from SWBT/CLEC Missouri Interconnection Agreements filed with an approved by the Missouri PSC.										
547	(5) Texas Tariff based rate.										
548	(6) Rates are zero until October 7th, 2002.										

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549	(7) Pursuant to the Missouri Arbitration Order Case #TO-2000-322, this price changed to $0 on August 1, 2000.										
550	(8) Effective August 1, 2000, manual loop make up information price changed to the rate of $84.15.										
551	(9) SWBT rates for Cross Connects above are final & are not interim or subject to retroactive true up.										
552	(10) Interim rates that are in effect only until the effective date of the Missouri PSC order establishing permanent conditioning charges in Case No. TO-2000-322, TO-2001-439 or another appropriate case established by the commission.										
553	*(11) Must be at same location & performed at the same time.*										
554	(13) Interim rates in nature and are subject to true-up from the effective date of this agreement to the State Commission's determination of permanent prices.										
555	*(14) The Parties acknowledge and agree that the rates set forth are interim and subject to true-up pending state established rates.*										