7.3.2 If the loop passes Cooperative Acceptance Test for loop continuity test parameters defined by this Agreement for xDSL loops, CLEC will provide SWBT with a confirmation number and SWBT will complete the order. CLEC will be billed for the Cooperative Acceptance Test as specified below under Acceptance Testing Billing.

7.3.3 If the Cooperative Acceptance Test fails loop continuity test parameters defined by this Agreement for xDSL loops, the LOC technician will take reasonable steps to immediately resolve the problem with CLEC on the line including, but not limited to, calling the central office to perform work at such office. If the problem cannot be quickly resolved, SWBT will release the CLEC technician, and perform the work necessary to correct the situation. Once the loop is correctly provisioned, SWBT will contact CLEC to repeat the Cooperative Acceptance Test. When the aforementioned test parameters are met, CLEC will provide SWBT with a confirmation number and SWBT will complete the order. SWBT will not complete an order that fails Acceptance Testing.

7.3.4 Since CLEC's test equipment cannot send signals through repeaters or digital loop carriers, CLEC will accept ISDN loops without testing the complete circuit. Consequently, SWBT agrees that should CLEC open a trouble ticket on such a loop within ten (10) business days (that is the fault of SWBT), SWBT will adjust CLEC's bill and refund the recurring charge of such a loop until SWBT has resolved the problem and closed the trouble ticket.

7.3.5 SWBT will be relieved of the obligation to perform Acceptance Testing on a particular loop and will, assume acceptance of the loop by CLEC when CLEC places the LOC on hold for over ten (10) minutes. In that case, SWBT may close the order utilizing existing procedures. If no trouble ticket is opened on that loop within 24 hours, SWBT may bill CLEC as if the Acceptance Test had been completed and the loop accepted, subject to Section B below. If, however, a trouble ticket is opened on the loop within 24 hours and the trouble resulted from SWBT error, CLEC will be credited for the cost of the acceptance test. Additionally, CLEC may subsequently request and SWBT will perform testing of such a loop under the terms and conditions of a repair request. If such loop is found by SWBT to not meet loop continuity test parameters defined herein, SWBT will not charge for acceptance testing done on the repair call.

7.3.6 If a trouble ticket is opened within 24 hours of a loop order completion, and the trouble is determined to be SWBT's error, then the loop will not be counted as a successful completion for the purposes of the calculations discussed in Section B.1 below.

7.3.7   Both Parties will work together to implement Cooperative Acceptance Testing procedures that are efficient and effective.   If the Parties mutually agree to additional testing, procedures and/or standards not covered by this Agreement or any commission-ordered tariff, the Parties will negotiate terms and conditions to implement such additional testing, procedures and/or standards. Additional charges may apply if any agreed-to changes require SWBT to expend additional time and expense.

7.4   Acceptance Testing Billing

7.4.1   CLEC will be billed for Acceptance Testing upon the effective date of this Agreement for loops that are installed correctly by the committed interval without the benefit of corrective action due to acceptance testing. In any calendar month after the first sixty (60) days of the agreement, CLEC may indicate that it believes that SWBT is failing to install loops with loop continuity and ordered conditioning eighty percent (80%) of the time within the committed intervals.

7.4.1.1 If sampling establishes that SWBT is correctly provisioning loops with continuity and ordered conditioning eighty percent (80%) of the time, SWBT may continue charging for Acceptance Testing for all loops that are properly installed the first time. If SWBT is not correctly provisioning loops eighty percent (80%) of the time, or greater, then CLEC will not be billed for Acceptance Testing for the next 90 days. Immediately after the effective date of this agreement, the Parties will negotiate in good faith to agree to a method for sampling 100 random install orders; provided, however, the Parties agree that none of the orders included in such sampling shall be orders placed within the first thirty (30) days of CLEC's entry into any Metropolitan Statistical Area ("MSA").

7.4.1.1.1   ISDN Loops that have trouble tickets (that are SWBT's fault) opened within 10 business days will be considered failures.

7.4.1.1.2   Loops that are successfully installed as a result of corrective action taken after acceptance testing will be considered failures.

7.4.1.2 In any calendar month after the 90 day no charge period, SWBT may request that another random sample of 100 install orders be reviewed. If the sample determines SWBT is provisioning loops correctly eighty percent (80%) of the time or greater, billing will resume.

7.4.1.3 Even if SWBT is in period which it may bill for Acceptance Testing, SWBT will not bill for the Acceptance Testing for loop installs that did not pass, the first time, the test parameters defined by this Agreement for xDSL loops. SWBT will not bill for loop repairs when the repair was SWBT problem.

7.4.1.4 Beginning October 1, 2000, SWBT delivery commitment changes to 90%.

7.4.2 The charges for Acceptance Testing shall be $33.51 as specifically listed in Section 13.4.8(A) of the FCC Tariff No. 73. CLEC will use the USOC(s) UBCX+ for basic time. If requested by CLEC, Overtime or Premium time charges will apply for Acceptance Testing requests in off-hours at overtime time charges calculated at one and one half times the standard price and premium time being calculated at two times the standard price. If the tariff rate changes, the parties will negotiate in good faith to determine if the tariff rate changes should apply to acceptance testing.

7.4.3 Repairs

7.4.3.1 The parties will negotiate in good faith to arrive at terms and conditions for acceptance testing on repairs

8.0 Service Quality and Maintenance

8.1 SWBT will not guarantee that the local loop(s) ordered will perform as desired by CLEC for xDSL-based or other advanced services, but will guarantee basic metallic loop parameters, including continuity and pair balance. CLEC-requested testing by SWBT beyond these parameters will be billed on a time and materials basis at Access Tariff 73 rates.

8.2 Maintenance, other than assuring loop continuity and balance, on unconditioned or partially conditioned loops in excess of 12,000 feet, will only be provided on a time and material basis as set out elsewhere in this Agreement. On loops where CLEC has requested that no conditioning be performed, SWBT's maintenance will be limited to verifying loop suitability based on POTS design. For loops having had partial or extensive conditioning performed at CLEC's request, SWBT will verify continuity, the completion of all requested conditioning, and will repair at no charge to CLEC any gross defects which would be unacceptable based on current POTS design criteria and which do not result from the loop's modified design.

8.3 Each xDSL-Capable Loop offering provided by SWBT to CLEC will be at least equal in quality and performance as that which SWBT provides to itself or to an affiliate.

9.0 Spectrum Management

9.1 CLEC will advise SWBT of the Power Spectral Density ("PSD") mask approved or proposed by T1.E1 that reflects the service performance parameters of the technology to be used. The CLEC, at its option and without further disclosure to SWBT, may provide any service compliant with that PSD mask so long as it stays within the allowed service performance parameters. At the time of ordering a

xDSL-capable loop, CLEC will notify SWBT as to the type of PSD mask CLEC intends to use on the ordering form, and if and when a change in PSD mask is made, CLEC will notify SWBT as set forth in Section 4.3 above. CLEC will abide by standards pertinent for the designated PSD mask type.

9.2   SWBT shall not implement, impose or maintain any spectrum management, selective feeder separation, or binder group management program. SWBT may not segregate or reserve loop binder groups, pair ranges or pair complements exclusively for the provisioning of ADSL and/or POTS services to the exclusion of other xDSL technologies. SWBT may not segregate xDSL technologies into designated loop binder groups, pair ranges or pair complements without prior Commission review and approval. SWBT will release loop binder groups, pair ranges or pair complements that may have already been marked, identified or designated as "ADSL and POTS only," and will remove any such mark, identification or designation that may already have been made in SWBT's electronic or paper-based OSS or records, including LFACS. SWBT will remove any restrictions, and will not impose future restrictions, on use of loop pairs for non-ADSL xDSL services, either through designations in the LFACS and LEAD databases or by the rules in LFACS limiting deployment of non-ADSL xDSL services to certain loop pair ranges. SWBT will not deny requests for loops based on spectrum management issues.

9.3   In the event that a loop technology without national industry standards for spectrum management is deployed, SWBT and CLECs shall jointly establish long-term competitively neutral spectral compatibility standards and spectrum management rules and practices so that all carriers know the rules for loop technology deployment. The standards, rules and practices shall be developed to maximize the deployment of new technologies within binder groups while minimizing interference, and shall be forward-looking and able to evolve over time to encourage innovation and deployment of advanced services. These standards are to be used until such time as national industry standards exist. CLECs that offer xDSL-based service consistent with mutually agreed-upon standards developed by the industry or by the Commission in the absence of industry agreement, may order local loops based on agreed-to performance characteristics. SWBT will assign the local loop consistent with the agreed-to spectrum management standards.

9.4   In the event that the FCC or the industry establishes long-term standards and practices and policies relating to spectrum compatibility and spectrum management that differ from those established in this Agreement, SWBT and CLEC agree to comply with the FCC and/or industry standards, practices and policies and will establish a mutually agreeable transition plan and timeframe for achieving and implementing such industry standards, practices and policies. In such case, SWBT will manage the spectrum in a competitively neutral manner consistent with all

relevant industry standards regardless of whether the service is provided by a CLEC or by SWBT, as well as competitively neutral as between different xDSL services. Where disputes arise, SWBT and CLEC will put forth a good faith effort to resolve such disputes in a timely manner. As a part of the dispute resolution process, SWBT will, upon request from a CLEC, disclose within 3-5 business days information with respect to the number of loops using advanced services technology within the binder group and the type of technology deployed on those loops so that the involved parties may examine the deployment of services within the affected loop plant, if any.

9.5   Within thirty (30) days after general availability of equipment conforming to applicable industry standards or the mutually agreed upon standards developed by the industry in conjunction with the Commission or FCC, if SWBT and/or CLEC is providing xDSL technologies deployed under Section 4.0 above, or other advanced services for which there is no standard, then SWBT and/or CLEC must begin the process of bringing its deployed xDSL technologies and equipment into compliance with such standards at its own expense.

10.0 Collocation

10.1   The Parties acknowledge and agree that upon approval of this Agreement by the Missouri PSC, CLEC will purchase collocation under the rates, terms and conditions set forth in the Missouri Physical Collocation Appendix.

11.0 Rates for xDSL Capable Loops and Associated Charges, Billing and Payments of Rates and Charges

11.1   SWBT's rates for xDSL-capable loops are:

	Recurring	Nonrecurring	
		Initial	Additional
2-Wire xDSL Loop			
Zone 1	$ 12.71	$ 19.55	$ 8.32
Zone 2	$ 18.64	$ 19.55	$ 8.32
Zone 3	$ 19.74	$ 19.55	$ 8.32
Zone 4	$ 16.41	$ 19.55	$ 8.32

2-Wire Digital Loop
(e.g., ISDN/IDSL)

Zone 1	$ 25.79	$ 43.33	$ 22.67
Zone 2	$ 37.89	$ 43.33	$ 22.67
Zone 3	$ 52.60	$ 43.33	$ 22.67
Zone 4	$ 37.30	$ 43.33	$ 22.67

4-Wire xDSL Loop

Zone 1	$ 17.81	$ 21.58	$ 8.32
Zone 2	$ 31.82	$ 21.58	$ 8.32
Zone 3	$ 55.04	$ 21.58	$ 8.32

11.2   SWBT's rates for Loop Make-Up Information are:

Loop Make-Up Information (as defined in section 5.4) – Mechanized/query	$ 15.00[5]
Loop Make-Up Information (as defined in section 5.4) - Manual	$ 15.00[6]
Detailed Make-up Information – Manual	TBD

11.3   SWBT's rates for Cross Connects.

xDSL Cross Connect Charge – Standard – Non-Shielded:

	Recurring	Nonrecurring Initial	Additional
2-wire Analog (w/o test)	$ 0.31	$ 19.96	$ 12.69
4-wire Analog (w/o test)	$ 0.63	$ 25.38	$ 17.73
2-wire Digital (w/o test)	$ 0.31	$ 19.96	$ 12.69

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[5] Pursuant to the Missouri Arbitration Order Case No. TO-2000-322, this price will change to $0.00 on August 1, 2000.
[6] Effective August 1, 2000, manual loop make-up information will be priced at the rate of $84.15.

xDSL Cross Connect Charge – Shielded:

2-wire xDSL $ 0.80 $ 19.96 $ 12.69

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.

SWBT's rates for cross-connects above are final and are not interim or subject to
retroactive true-up.

11.4   SWBT's rate for Loop Conditioning.

SWBT will make "clean loops" available for all xDSL services and use by all
xDSL providers. When a CLEC orders an xDSL loop, SWBT will make available
for use on a nondiscriminatory basis loops that do not need conditioning. If no
"clean loops" are available for use, then the conditioning charges stated below
apply. SWBT's retail and/or advanced services affiliate shall not be given
preferential access to clean loops, nor shall such clean loops be reserved
exclusively for ADSL services.

The conditioning charges, listed below, are interim and are applicable to every
xDSL loop greater than 12,000 feet in length but less than 17,500 feet in length, in
which the CLEC requests the removal of bridged tap, load coils, and/or repeaters.
The interim charges will be in effect only until the effective date of the Missouri
Public Service Commission's order establishing permanent conditioning charges in
Case No. TO-2000-322, TO-2001-439 or another appropriate case established by
the Commission. Upon the effective date of the Missouri Public Service
Commission's order establishing permanent conditioning rates, those permanent
rates will replace the interim rates set forth below. The interim rates set forth
below are subject to true up to the permanent rates established in Case No. TO-
2000-322, TO-2001-439 or another appropriate case established by the
Commission. Any refund or additional charges due as a result of true up shall be
paid within thirty days of the effective date of the Commission's order adopting
permanent rates. The time period subject to true up shall be limited to six months,
retrospectively from the effective date of the Commission's final order adopting
permanent conditioning rates, but shall not include any period prior to the effective
date of this agreement with CLEC.

	Nonrecurring	
	Initial	Additional (Same time & same location)
Removal of Repeater	$ 0.00	$ 0.00
Removal of Bridged Tap and Repeater	$ 0.00	$ 0.00
Removal of Bridged Tap	$ 0.00	$ 0.00
Removal of Bridged Tap & Load Coil	$ 0.00	$ 0.00
Removal of Load Coil	$ 0.00	$ 0.00

The conditioning charges, listed below, are interim and are applicable to every xDSL loop, at or in excess of 17,500 feet in length, in addition to the applicable rates for loops less than 17,500 feet but longer than 12,000 feet in length that requires the specific conditioning listed. The interim charges will be in effect only until the effective date of the Missouri Public Service Commission's order establishing permanent conditioning charges in Case No. TO-2000-322, TO-2001-439 or another appropriate case established by the Commission. Upon the effective date of the Missouri Public Service Commission's order establishing permanent conditioning rates, those permanent rates will replace the interim rates set forth below. The interim rates set forth below are subject to true up to the permanent rates established in Case No. TO-2000-322, TO-2001-439 or another appropriate case established by the Commission. Any refund or additional charges due as a result of true up shall be paid within thirty days of the effective date of the Commission's order adopting permanent rates. The time period subject to true up shall be limited to six months, retrospectively from the effective date of the Commission's final order adopting permanent conditioning rates, but shall not include any period prior to the effective date of this Agreement with CLEC.

	Nonrecurring	
	Initial	Additional [7]
Removal of Repeater	$ 0.00	$ 0.00
Removal of Bridged Tap	$ 0.00	$ 0.00
Removal of Load Coil	$ 0.00	$ 0.00

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[7] must be at same location and performed at the same time

11.5   SWBT will provide CLEC a monthly bill that includes all charges incurred by and credits and/or adjustments due to CLEC for those unbundled elements and other service offerings ordered, established, utilized, discontinued or performed pursuant to this Attachment.

11.6   Except as otherwise specifically provided elsewhere in this Agreement, the Parties will pay all rates and charges due and owing under this Attachment within thirty (30) days of receipt of an invoice. Except as otherwise specifically provided in this Agreement, interest on overdue invoices will apply at the six (6) month Commercial Paper Rate applicable on the first business day of each calendar year.

APPENDIX PRICING - UNE

1.0   Application of Prices

1.1   CLEC agrees to compensate SWBT for unbundled Network elements at the rates contained in this Appendix and Exhibit 1. Unbundled Network Elements are available from SWBT on a per unbundled Network Element basis or in combinations of elements at prices as contained in this Appendix.

1.2   Unless otherwise stated, SWBT will render a monthly bill for Network Elements provided hereunder. Remittance in full will be due within thirty (30) days of receipt of invoice. In accordance with section 8.1 of the General Terms and Conditions, interest will apply on overdue amounts.

1.3   The attached Schedule of Prices sets forth the prices that SWBT will charge CLEC for unbundled Network Elements and certain other items (e.g. Compensation Rates, Hosting Charges, E911 Charges).

1.4   Except for requests that are expressly made subject to the Special Request process described in Section 2.22 of Attachment 6 ("Special Request Elements"), CLEC may order, and SWBT will provide, all Attachment 6 Elements on the basis of the attached Schedule of Prices. The Parties agree that the Appendix Pricing UNE - Schedule of Prices contains a complete list of rate elements and charges associated with unbundled Network Elements and other items, if any, offered by SWBT pursuant to this Attachment This paragraph does not limit or expand the use of the Special Request Process.

1.5   This Section Intentionally Left Blank

1.5.1   Zone 1 includes Rate Group D as defined in SWBT's Local Exchange Tariff. Zone 2 includes Rate Group B as defined in SWBT's Local Exchange Tariff. Zone 3 includes Rate Group A as defined in SWBT's Local Exchange Tariff. Zone 4 includes Rate Group C as defined in SWBT's Local Exchange Tariff.

2.0   Recurring Charges

2.1   Recurring Charges, where applicable, are as shown in Appendix-Pricing-UNE.

2.2   Where Rates are shown as monthly, a month will be defined as a calendar month. The minimum term for each monthly rated element will be one (1) month. After the initial month, billing will be on the basis of whole or fractional months used.

2.3   Where rates will be based on minutes of use, usage will be accumulated at the end office and are rounded to the next higher minute per monthly billing cycle. In the long term usage will be measured beginning when the facilities are seized (excluding network

failures) and ending when the facilities are released. SWBT is currently unable to measure busy/don't answer (by/da), but SWBT intends to develop such capability. SWBT will provide CLEC not less than 30 days notice when SWBT begins to measure by/da. No related true up will occur.

2.4   Where rates are based on miles, the mileage will be calculated on the airline distance involved between the locations. To determine the rate to be billed, SWBT will first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, Inc. Tariff F.C.C. No 4**.** When the calculation results in a fraction of a mile, SWBT will round up to the next whole before determining the mileage and applying rates.

3.0   Non-Recurring Charges

3.1   Non-recurring charges for unbundled Network Elements are included on Appendix Pricing UNE - Schedule of Prices.

3.2   If CLEC provides its own testing for unbundled Network Elements and its testing produces incorrect information which results in SWBT dispatching a repair crew unnecessarily, then CLEC will pay SWBT the cost of the unnecessary trip.

3.3   SWBT offers the following order types. When CLEC issues service orders, CLEC will pay the applicable service order charges contained in Appendix Pricing UNE - Schedule of Prices labeled "Service Order Charges - Unbundled Element". In addition to the charges for the service order types listed below, CLEC will pay, where appropriate, a "Central Office Access Charge " contained in Appendix Pricing UNE - Schedule of Prices in accordance with Section 14.2 of Attachment 6: UNE.

3.3.1   The charges described in this paragraph are separate and distinct from the charges described immediately above. When an existing CLEC UNE customer changes the Presubscribed Interexchange Carrier (PIC), a single charge of $5.83 will apply. For additional PIC changes on that same order, a change of $1.52 for each additional PIC charge will apply.

3.4   Service Orders

3.4.1   Appendix Pricing UNE – Schedule of Prices lists a price for service orders. This price will be applied pursuant to the award in Case No. TO-98-115.

4.0 **Maintenance of Service, Time and Materials, and NonProductive Dispatch Charges**

4.1   If CLEC requests or approves a SWBT technician to perform special installation, maintenance, or conversion services for Unbundled Network Elements excluding services which SWBT is required to provide under Attachment 6, Attachment 8, or otherwise under this Agreement, CLEC will pay Maintenance of Service and/or Time and Material Charges for such services as are reasonably required, including requests for installation or conversion outside of normally scheduled working hours.

4.2   Consistent with Attachment 8 Maintenance UNE, if CLEC determines that trouble has occurred in SWBT's equipment and/or facilities, CLEC will issue a trouble report to SWBT.

4.3   CLEC will pay Maintenance of Service charges for technicians' time reasonably required when CLEC reports a suspected failure of a network element and SWBT dispatches personnel to the end user's premises or a SWBT central office and trouble was not caused by SWBT's facilities or equipment. Maintenance of Service charges will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing.

4.4   CLEC will pay Maintenance of Service charges for technicians' time reasonably required when CLEC reports a suspected failure of a network element and SWBT dispatches personnel and the trouble is in equipment or communications systems provided by an entity other than SWBT or in detariffed CPE provided by SWBT, unless covered under a separate maintenance agreement.

4.5   If CLEC issues a trouble report allowing SWBT access to the end user's premises and SWBT personnel are dispatched but denied access to the premises, then Non Productive Dispatch charges for technicians' time reasonably required will apply. Subsequently, if SWBT personnel are allowed access to the premises, the NonProductive Dispatch charges will still apply.

4.6   Time and Materials and/or Maintenance of Service and/or NonProductive Dispatch charges apply on a first and additional basis for each half hour or fraction thereof, except where the Schedule of Prices provides for per dispatch charges. If more than one technician is dispatched in conjunction with the same trouble report, the total time for all technicians dispatched will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof": and "Each Additional Half Hour or Fraction Thereof" rate categories. Basic Time is considered to be Monday through Friday 8 a.m. to 5 p.m. which is SWBT's normally scheduled work day. SWBT's normally scheduled work week is Monday through Saturday. Overtime applies when work is out of a normally scheduled work day during a normally scheduled work week (i.e., weekday nights and/or Saturdays). Premium time is time worked outside of SWBT's normally scheduled work week and includes Sundays and Holidays. Any time not consecutive

with SWBT's normally scheduled work day may be subject to a minimum charge of two hours if dispatch of an off duty SWBT employee is necessary.

4.7   SWBT will bill CLEC Time and Materials, NonProductive Dispatch and/or Maintenance of Service Charges only pursuant to CLEC's authorization, including authorizing a dispatch, consistent with procedures outlined in this Agreement.

4.8   SWBT will manage costs of Time and Materials, NonProductive Dispatch and Maintenance of Service Charges activities charged to CLEC in a manner that is consistent with SWBT's internal management of those costs.

4.9   Charges for services contained in this section are listed in Appendix Pricing UNE - Schedule of Prices labeled "Maintenance of Service Charges", "Time and Materials Charges", and "Non Productive Dispatch Charges".

5.0   Application of Usage Sensitive Charges To Particular Call Flows

5.1   This Section Intentionally Left Blank

5.1.1   Unbundled Local Switching (ULS) may include two usage sensitive components: originating usage (ULS-O) and terminating usage (ULS-T). ULS-O represents the use of the unbundled Local Switching element to originate local calls. ULS-T represents the use of the unbundled Local Switching element to terminate local calls.

5.2   **Rate Structure for ULS**

5.2.1   Intra Switch Calls - (calls originating and terminating in the same switch i.e., the same 11 digit Common Language Location Identifier (CLLI) end office):

5.2.1.1 CLEC will pay ULS-O and SS7 signaling for a call originating from an CLEC ULS line or trunk port that terminates to a SWBT end user service line, Resale service line, or any unbundled line or trunk port which is connected to the same end office switch.

5.2.1.2 CLEC will pay ULS-O and SS7 signaling charges for a centrex-like ULS intercom call in which CLEC's user dials from one centrex-like station to another centrex-like station in the same common block defined system.

5.2.1.3 SWBT will not bill ULS-T for Intra switch calls.

5.2.2   Interswitch Calls - (calls not originating and terminating in the same switch) i.e., not the same 11 digit Common Language Location Identifier (CLLI) end office:

5.2.2.1 Local Calls

5.2.2.1.1   General Principles

5.2.2.1.1.1   When a call originates from an CLEC ULS Port, CLEC will pay ULS-O and SS7 signaling charges. If the call routes over SWBT's common network, CLEC will pay charges for Common Transport as reflected in Appendix Pricing UNE - Schedule of Prices. CLEC will also pay Tandem Switching charges where applicable as reflected in Appendix Pricing UNE - Schedule of Prices.

5.2.2.1.1.1.1   The Parties agree that, for calls originated over unbundled local switching and routed over common transport, SWBT will not be required to record and will not bill actual tandem switching usage. Rather, CLEC will pay the rate shown on Appendix Pricing UNE - Schedule of Prices labeled "Blended Transport," for each minute of use of unbundled common transport, whether or not the call actually traverses the tandem switch.

5.2.2.1.1.2   When a call terminates to an CLEC ULS Port, CLEC will pay ULS-T charges.

5.2.2.1.2   Illustrative Call Flows

The following call flows provide examples of application of usage sensitive UNE charges and compensation as set out in Attachment 12: Compensation.

5.2.2.1.2.1   CLEC (UNE) Originating and SWBT Terminating:

CLEC Pays:
    ULS - O
    Applicable Common Transport and Tandem Switching
    SS7 Signaling
    Applicable End Office Switching (aka Terminating Compensation)

5.2.2.1.2.2   SWBT Originating and CLEC (UNE) Terminating

CLEC Pays:
    ULS – T

SWBT pays:
    Applicable End Office Switching (aka Terminating Compensation)

5.2.2.1.2.3   CLEC (UNE) Originating and CLEC (UNE) Terminating

CLEC Pays:
    ULS - O
    Applicable Common Transport and Tandem Switching
    SS7 Signaling

5.2.2.1.2.4   CLEC (UNE) Originating and CLEC (UNE) Terminating

           CLEC Pays:
               ULS - O
               Applicable Common Transport and Tandem Switching
               SS7 Signaling
               ULS - T

5.2.2.1.2.5   CLEC (UNE) Originating and CLEC (UNE) Terminating

           CLEC Pays:
               ULS - T

5.2.2.1.2.6   CLEC (Resale services) Originating and CLEC (UNE) Terminating

           CLEC Pays:
               ULS – T

5.2.2.1.2.7   CLEC (UNE) Originating and CLEC (Resale services)   Terminating

           CLEC Pays:
               ULS - O
               Applicable Common Transport and Tandem Switching
               SS7 Signaling

5.2.2.1.2.8   CLEC (UNE) Originating to CLEC (Facilities Based Network (FBN)) Terminating

           CLEC Pays:
               ULS - O
               Applicable Common Transport and Tandem Switching
               SS7 Signaling

5.2.2.1.2.9   CLEC (FBN) Originating to CLEC (UNE) Terminating

           CLEC Pays:
               ULS - T

5.2.2.2   IntraLATA and InterLATA Toll Calls [N]

5.2.2.2.1   General Principles

5.2.2.2.1.1   Until the implementation of intraLATA Dialing Parity, CLEC will pay applicable ULS-O, ULS-T, signaling, common transport, and tandem switching charges for all intraLATA toll calls initiated by a CLEC ULS Port.

5.2.2.2.1.2   After the implementation of intraLATA Dialing Parity, intraLATA toll calls from CLEC ULS Ports will be routed to the end user intraLATA Primary Interexchange Carrier (PIC) choice. When an interLATA toll call is initiated from an ULS port it will be routed to the end user interLATA PIC choice.

5.2.2.2.1.2.1   CLEC may provide exchange access transport services to IXCs for intraLATA traffic originated by or terminating to CLEC local service customers, upon request, using unbundled network elements. For interLATA toll calls and intraLATA toll calls (post dialing parity) that are originated by local customers using SWBT unbundled local switching, CLEC may offer to deliver the calls to the PIC at the SWBT access tandem, with CLEC using unbundled common transport and tandem switching to transport the call from the originating unbundled local switch to the PIC's interconnection at the access tandem. When the PIC agrees to take delivery of toll calls under this arrangement, then CLEC will pay SWBT ULS-O usage, signaling, common transport, and tandem switching for such calls. SWBT will not bill any access charges to the PIC under this arrangement. CLEC may use this arrangement to provide exchange access services to itself when it is the PIC for toll calls originated by CLEC local customers using SWBT unbundled local switching.

5.2.2.2.1.2.2   If the PIC elects to use transport and tandem switching provided by SWBT to deliver interLATA toll calls or intraLATA toll calls (post dialing parity) that are originated by CLEC local customers using SWBT unbundled local switching, then CLEC will pay SWBT ULS-O usage and signaling only in connection with such calls. SWBT will not bill the PIC any originating switching access charges in connection with such calls.

5.2.2.2.1.3   When an IntraLATA or InterLATA toll call terminates to an CLEC ULS Port, CLEC will pay ULS-T charges and SWBT will not charge terminating access to CLEC or the IXC except that SWBT may bill the IXC for terminating transport in cases where the IXC has chosen SWBT as its transport provider.

5.2.2.3   Toll Free Calls

When CLEC uses ULS Ports to initiate an 800-type call, SWBT will perform the appropriate database query and route the call to the indicated IXC. No ULS-O charges will apply. This will be subject to SWBT's ability to provide access recording data to CLEC as referenced in Attachment 6, Section 5.1.1 and Attachment 10, Section 4.4. Thereafter, when SWBT is able to measure originating 800 traffic, and when CLEC uses ULS Ports to initiate an 800-type call, CLEC will pay the 800 database query charge and ULS-O charge. CLEC will be responsible for any billing to the IXC for such calls.

**EXHIBIT VII
NOTICES TO SWBT
(MISSOURI)**

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

Utility Liaison Supervisor (ULS). Except as otherwise stated in this Exhibit, all notices to SWBT shall be given to the Utility Liaison Supervisor (ULS) designated in EXHIBIT VIII of the Master Agreement. The Utility Liaison Supervisor is generally responsible for coordinating applications for access to SWBT's poles, ducts, conduits, and rights-of-way and serving as CLEC's initial point of contact for matters arising out of or in connection with the administration of the Master Agreement. Notices to the ULS shall be given in writing in the manner prescribed in Section 29.02. Notices to be sent to the ULS include, but are not limited to, notices under the following provisions of the Master Agreement.

7.01	Notification of Designation of Primary Point of Contact
7.03(a)	Notification of intent to review records
8.XX	All Notifications in Article 8
9.XX	All Notifications in Article 9
10.05(e)	Notification Regarding Make-Ready Work
12.03(d)	Notification of placing J-hook on non-licensed pole
12.04	Notification of occupation of maintenance duct for short-term use
12.06	Notification of CLEC's maintenance contact
13.01	Notification of planned modifications
14.02(c)	Notification of CLEC's desire to add to or modify its existing attachment
15.02(b)	Notification of occupation of maintenance duct for short-term emergency use
15.03	Notification of emergency repair coordinators
16.01	Notification that facilities have been brought into compliance
17.02(c)	Disclaimer of ownership or responsibility for untagged facilities

18.01(a)   Notice of intent to remove facilities

18.01(e)   Notice of intent to terminate license

18.06   Notification of SWBT's intent to remove CLEC's facilities

20.01(c)   Notification of change of bond

24.01   Notification of termination

24.03   Notification of cure of breach

Other notices. The following notices may be given orally or in writing (including fax) and shall be given to SWBT's Local Service Provider Center (LSPC) at 1-800-486-5598 instead of the ULS.

6.05(a)   Notifications relating to electrical interference

6.09(h)   Notifications of unsafe conditions

6.11(a)   Notification of manhole entry

6.13(c)   Notification of environmental contaminants

10.02(b)   Notification of materials required for self-provisioning of inner duct

15.04   Notification of conditions requiring emergency repair

15.06(a)   Notification of performing corrective work on emergency repair. (advanced notice)

15.06(b)   Notification of performing corrective work on emergency repair. (no advanced notice)

Additional information and questions concerning notice requirements. The ULS, as CLEC's initial point of contact, will provide additional information to CLEC concerning notification procedures for notices to be given to LSPC. Questions to SWBT concerning notice requirements should be directed to the ULS. The ULS is not authorized to provide CLEC legal advice with respect to notice requirements. Questions by CLEC's personnel and other persons acting on CLEC's behalf concerning CLEC's legal obligations should be directed to CLEC's legal counsel or such other personnel as CLEC may direct.

Changes in notice requirements. Changes in the notice requirements set forth in this Exhibit may be made by SWBT from time to time in accordance with the provisions of Section 29.03 of the Master Agreement.

SOUTHWESTERN BELL TELEPHONE COMPANY / CLEC
MISSOURI - M2A

NOTE	UNE/Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional
	Network Interface Device			
1	Disconnect Loop from inside wiring, per NID	None	$ 23.00	$ 14.32
	Unbundled Loops			
1	2W Analog Zone 1	$ 12.71	$ 19.55	$ 8.32
1A	2W Analog Zone 2	$ 18.64	$ 19.55	$ 8.32
1A	2W Analog Zone 3	$ 19.74	$ 19.55	$ 8.32
1A	2W Analog Zone 4	$ 16.41	$ 19.55	$ 8.32
1	Conditioning for dB Loss	$ 6.63	$ 17.54	$ 8.58
1A	4W Analog Zone 1	$ 17.81	$ 21.58	$ 8.32
1A	4W Analog Zone 2	$ 31.82	$ 21.58	$ 8.32
1A	4W Analog Zone 3	$ 55.04	$ 21.58	$ 8.32
1A	4W Analog Zone 4	$ 27.07	$ 21.58	$ 8.32
1	2W Digital Zone 1	$ 25.79	$ 43.33	$ 22.67
1A	2W Digital Zone 2	$ 37.89	$ 43.33	$ 22.67
1A	2W Digital Zone 3	$ 52.60	$ 43.33	$ 22.67
1A	2W Digital Zone 4	$ 37.30	$ 43.33	$ 22.67
1A	4W Digital Zone 1	$ 91.06	$ 102.47	$ 40.46
1A	4W Digital Zone 2	$ 95.45	$ 102.47	$ 40.46
1A	4W Digital Zone 3	$ 97.10	$ 102.47	$ 40.46
1A	4W Digital Zone 4	$ 91.25	$ 102.47	$ 40.46
	Loop Cross Connects (with testing unless otherwise noted)			
1	Analog Loop to Collo 2W	$1.89	$26.87	$22.08
1	Analog Loop to Collo 2W w/o testing	$0.31	$14.97	$9.52
1	Analog Loop to Collo 4W	$3.77	$31.22	$29.56
1	Analog Loop to Collo 4W w/o testing	$0.63	$25.38	$17.73
1	Digital Loop to Collo 2W	$1.89	$26.87	$22.08
1	Digital Loop to Collo 2W w/o testing	$0.31	$14.97	$9.52
1	Digital Loop to Collo 4W	$9.00	$45.03	$34.16
1	Digital Loop to Collo 4W w/o testing	none	$29.04	$ 28.57
3	Analog Loop to DCS 2W	$ 0.27	$ 20.65	$ 16.50
3	Analog Loop to DCS 4W	$ 0.54	$ 20.65	$ 16.50
3	Digital Loop to DCS 2W	$ 2.64	$ 20.65	$ 16.50
3	Digital Loop to DCS 4W	$ 8.29	$ 28.95	$ 26.47
3	DS3 Loop Crossconnect	$ 225.59	$ -	$ -
3	Analog Loop to Switch Port	$ -	$ 4.17	$ 3.29
3	Digital Loop to Switch Port 2W	$ -	$ 9.40	$ 9.40
3	Digital Loop to Switch Port 4W	$ 7.51	$ 37.58	$ 37.58
	Subloop Feeder			
1	2W Analog Zone 1	$ 4.81	$ 17.16	$ 7.91
1	2W Analog Zone 2	$ 6.60	$ 17.16	$ 7.91
1	2W Analog Zone 3	$ 6.87	$ 17.16	$ 7.91
1	2W Analog Zone 4	$ 9.90	$ 17.16	$ 7.91
1	2W Digital Zone 1	$ 20.18	$ 40.52	$ 20.45
1	2W Digital Zone 2	$ 32.17	$ 40.52	$ 20.45
1	2W Digital Zone 3	$ 30.89	$ 40.52	$ 20.45
1	2W Digital Zone 4	$ 39.13	$ 40.52	$ 20.45
1	DS1 4W Copper Zone 1	$ 67.05	$ 73.25	$ 29.98
1	DS1 4W Copper Zone 2	$ 67.27	$ 73.25	$ 29.98
1	DS1 4W Copper Zone 3	$ 67.17	$ 73.25	$ 29.98
1	DS1 4W Copper Zone 4	$ 70.79	$ 73.25	$ 29.98
	SubLoop Distribution			
1	2W Analog Zone 1	$ 6.69	$ 85.08	$ 35.46
1	2W Analog Zone 2	$ 10.68	$ 85.08	$ 35.46
1	2W Analog Zone 3	$ 12.92	$ 85.08	$ 35.46
1	2W Analog Zone 4	$ 22.78	$ 85.08	$ 35.46
1	2W Digital Zone 1	$ 9.63	$ 86.76	$ 38.57
1	2W Digital Zone 2	$ 13.63	$ 86.76	$ 38.57
1	2W Digital Zone 3	$ 15.86	$ 86.76	$ 38.57
1	2W Digital Zone 4	$ 25.70	$ 86.76	$ 38.57
1	4W Digital Zone 1	$ 4.68	$ 131.83	$ 52.08
1	4W Digital Zone 2	$ 6.99	$ 131.83	$ 52.08

SOUTHWESTERN BELL TELEPHONE COMPANY / CLEC
MISSOURI - M2A

NOTE	UNE/Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional
2	Dark Fiber	$ 47.00	$ 75.00	$ 52.50
	Dark Fiber			
1	Dark Fiber Foot Zone 1	$ 0.002085	None	None
1	Dark Fiber Foot Zone 2	$ 0.003156	None	None
1	Dark Fiber Foot Zone 3	$ 0.004752	None	None
1	Dark Fiber Foot Zone 4	$ 0.002085	None	None
	Local Switching			
1A	Standard/Per Orig. or Term. MOU (excluding port) - Zone 1	$ 0.0016200	None	None
1A	Standard/Per Orig. or Term. MOU (excluding port) - Zone 2	$ 0.0019490	None	None
1A	Standard/Per Orig. or Term. MOU (excluding port) - Zone 3	$ 0.0028070	None	None
1A	Standard/Per Orig. or Term. MOU (excluding port) - Zone 4	$ 0.0023910	None	None
	Customized Routing Resale AIN			
3	Per customer line	$ 0.10	None	None
3	Per end office (unless previously charged under UNE)	None	$ 85.00	$ 85.00
3	SOAC Table Work (unless previously charged under UNE)	None	$ 6,201.00	$ 6,201.00
3	Development 1st LSP	None	$ 390,645.00	None
3	Development Subsqt LSP	None	ICB	None
	Customized Routing UNE AIN			
3	Per query per customer line	$ 0.0002333	None	None
3	SOAC Work Table (if not previously charged under resale)	None	$ 7,160.30	$ 7,160.30
3	SOAC Work Table (if previously charged under resale)	None	$ 959.30	$ 959.30
3	Per end office (if not previously charged under resale)	None	$ 98.10	$ 98.10
3	Per end office (if previously charged under resale)	None	$ 13.10	$ 13.10
3	Per Centrex-like Customer	None	$ 123.60	$ 123.60
3	Development 1st LSP	None	$273,916.32	None
3	Development Subsqt LSP	None	ICB	None
	Ports			
1A	Analog Line Port Zone 1	$ 1.74	$ 1.27	$ 1.27
1A	Analog Line Port Zone 2	$ 1.97	$ 1.27	$ 1.27
1A	Analog Line Port Zone 3	$ 2.47	$ 1.27	$ 1.27
1A	Analog Line Port Zone 4	$ 2.25	$ 1.27	$ 1.27
1	BRI Line Port Zone 1	$ 5.56	$ 5.36	$ 3.53
1	BRI Line Port Zone 2	$ 5.56	$ 5.36	$ 3.53
1	BRI Line Port Zone 3	$ 5.56	$ 5.36	$ 3.53
1	BRI Line Port Zone 4	$ 5.56	$ 5.36	$ 3.53
1	PRI Trunk Port Zone 1	$ 165.85	$ 214.53	$ 98.53
1	PRI Trunk Port Zone2	$ 165.85	$ 214.53	$ 98.53
1	PRI Trunk Port Zone 3	$ 165.85	$ 214.53	$ 98.53
1	PRI Trunk Port Zone 4	$ 165.85	$ 214.53	$ 98.53
1	Analog DID Trunk Port - Zone 1	$ 13.55	$ 50.04	$ 50.04
1	Analog DID Trunk Port - Zone 2	$ 14.45	$ 52.10	$ 52.10
1	Analog DID Trunk Port - Zone 3	$ 10.60	$ 50.04	$ 50.04
1	Analog DID Trunk Port - Zone 4	$ 15.12	$ 50.04	$ 50.04
1	DS1 Trunk Port Zone 1	$ 132.14	$ 121.79	$ 24.76
1	DS1 Trunk Port Zone 2	$ 126.71	$ 121.83	$ 24.83
1	DS1 Trunk Port Zone 3	$ 58.04	$ 120.35	$ 22.86
1	DS1 Trunk Port Zone 4	$ 140.35	$ 123.74	$ 27.36
	Feature Activation per Analog Port Type			
2	Call Waiting	None	$0.00	None
2	Call Forwarding Variable	None	$0.00	None
2	Call Forwarding Busy Line	None	$0.00	None
2	Call Forwarding Don't Answer	None	$0.00	None
2	Three-Way Calling	None	$0.00	None
2	Speed Calling 8	None	$0.00	None
2	Speed Calling 30	None	$0.00	None
2	Auto Callback/Auto Redial	None	$0.00	None
2	Distinctive Ring/Priority Call	None	$0.00	None
2	Selective Call Rejection/Call Blocker	None	$0.00	None
2	Auto Recall/Call Return	None	$0.00	None
2	Selective Call Forwarding	None	$0.00	None
2	Calling # Delivery	None	$0.00	None
2	CNAM Delivery	None	$0.00	None
2	~~Calling Number/Name Blocking~~	~~None~~	~~$0.00~~	~~None~~
2	Anonymous Call Rejection	None	$0.00	None

Feature Activation per analog arrangement

SOUTHWESTERN BELL TELEPHONE COMPANY / CLEC
MISSOURI - M2A

NOTE	UNE/Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional
2	Personalized Ring	None	$0.00	None
2	Hunting Arrangement	None	$0.00	None
	Feature Activation per successful occurrence			
2	Call Trace (per feature per port)	None	$0.00	None
2	Call Trace (per successful occurrence per port)	None	$0.00	None
	ISDN BRI Port Features			
2	CSV/CSD per B channel	None	$0.00	None
2	Basic EKTS per B channel	None	$0.00	None
2	CACH EKTS per B channel	None	$0.00	None
	ISDN PRI Port Features			
2	Backup D Channel	None	$0.00	None
2	CNAM Delivery	None	$0.00	None
2	Dynamic Channel Allocation	None	$0.00	None
	Analog DID Trunk Port			
2	DID #s - Initial 100 #s	None	$0.00	None
2	DID #s - Initial 10 #s	None	$0.00	None
	DS1 Digital Trunk Port DID			
2	DID #s - Initial 100 #s	None	$0.00	$0.00
2	DID #s - Initial 10 #s	None	$0.00	$0.00
	Centrex-like System Charges			
2	System Establishment per serving office - Analog Only	None	$0.00	$0.00
2	System Establishment per serving office - Analog/ISDN BRI Mix	None	$0.00	$0.00
2	System Establishment per serving office - ISDN BRI Only	None	$0.00	$0.00
2	System Subsqnt Conversion per serving office - Add Analog to existing ISDN BRI only system	None	$0.00	$0.00
2	System Subsqnt Conversion per serving office - Add ISDN to existing Analog only system	None	$0.00	$0.00
	Analog Port Features			
2	Standard feature initialization per analog port	None	$0.00	None
2	Auto Callback Calling/Business Group Callback	None	$0.00	None
2	Call Forwarding Variable/ Business Group Call Forwarding Variable	None	$0.00	None
2	Call Forwarding Busy Line	None	$0.00	None
2	Call Forwarding Don't Answer	None	$0.00	None
2	Call Hold	None	$0.00	None
2	Call Pickup	None	$0.00	None
2	Call Transfer - All Calls	None	$0.00	None
2	Call Waiting - Intragroup/Business Call Forwarding Var.	None	$0.00	None
2	Call Waiting - Orig.	None	$0.00	None
2	Call Waiting - Term.	None	$0.00	None
2	Class of Service Restr. - Fully	None	$0.00	None
2	Class of Service Restr. - Semi	None	$0.00	None
2	Class of Service Restr. - Toll	None	$0.00	None
2	Consult. Hold	None	$0.00	None
2	Dial Call Waiting	None	$0.00	None
2	Directed Call Pickup - Non Barge in	None	$0.00	None
2	Directed Call Pickup - With Barge in	None	$0.00	None
2	Distinctive Ring and Call Waiting Tone	None	$0.00	None
2	Hunting Arrgmt - Basic	None	$0.00	None
2	Hunting Arrgmt - Circular	None	$0.00	None
2	Speed Calling Personal	None	$0.00	None
2	Three Way Calling	None	$0.00	None
2	Voice/Data Protection	None	$0.00	None
	ISDN (BRI) Port Features			
2	CSV per B channel	None	$0.00	None
2	CSD per B channel	None	$0.00	None
2	Standard feature initialization per ISDN BRI port	None	$0.00	None
2	Add'l Call Offering for CSV	None	$0.00	None
2	Call Forwarding Busy Line	None	$0.00	None
2	Call Forwarding Don't Answer	None	$0.00	None
2	Call Forwarding Variable	None	$0.00	None
2	Call Hold	None	$0.00	None
2	Call Pickup	None	$0.00	None
2	Call Transfer - All Calls	None	$0.00	None

SOUTHWESTERN BELL TELEPHONE COMPANY / CLEC
MISSOURI - M2A

NOTE	UNE/Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional
2	Class of Service Restr. - Fully	None	$0.00	None
2	Class of Service Restr. - Semi	None	$0.00	None
2	Class of Service Restr. - Toll	None	$0.00	None
2	Consult. Hold	None	$0.00	None
2	Dial Call Waiting	None	$0.00	None
2	Directed Call Pickup - Non Barge in	None	$0.00	None
2	Directed Call Pickup - With Barge in	None	$0.00	None
2	Distinctive Ringing	None	$0.00	None
2	Hunting Arrgmt - Basic	None	$0.00	None
2	Hunting Arrgmt - Circular	None	$0.00	None
2	Speed Calling Personal	None	$0.00	None
2	Three Way Calling	None	$0.00	None
	Tandem Switching			
1A	Per MOU per call	$ 0.001231	None	None
	Blended Transport			
1A	Zone1 Urban (STL, KS)	$ 0.000535	none	none
1A	Zone2 Suburban	$ 0.000641	none	none
1A	Zone3 Rural	$ 0.000697	none	none
1A	Zone4 Urban Springfield	$ 0.000507	none	none
1A	Interzone	$ 0.000661	none	none
	Common Transport			
1A	Termination MOU Zone 1	$ 0.000155	None	None
1A	Termination MOU Zone 2	$ 0.000232	None	None
1A	Termination MOU Zone 3	$ 0.000246	None	None
1A	Termination MOU Zone 4	$ 0.000132	None	None
1A	Termination MOU Interzone	$ 0.000271	None	None
1A	Facility Mile MOU Zone 1	$ 0.0000016	None	None
1A	Facility Mile MOU Zone 2	$ 0.0000057	None	None
1A	Facility Mile MOU Zone 3	$ 0.0000117	None	None
1A	Facility Mile MOU Zone 4	$ 0.0000008	None	None
1A	Facility Mile MOU Interzone	$ 0.0000030	None	None
	Dedicated Transport			
	DS1 Entrance Facilities			
2	Zone 1	$ 162.30	$ 471.00	$ 342.00
2	Zone 2	$ 162.30	$ 471.00	$ 342.00
2	Zone 3	$ 162.30	$ 471.00	$ 342.00
2	Zone 4	$ 162.30	$ 471.00	$ 342.00
	DS3 Entrance Facilities			
2	Zone 1	$ 1,884.49	$ 477.75	$ 372.00
2	Zone 2	$ 1,884.49	$ 477.75	$ 372.00
2	Zone 3	$ 1,884.49	$ 477.75	$ 372.00
2	Zone 4	$ 1,884.49	$ 477.75	$ 372.00
	OC3 Entrance Facilities			
3	Zone 1	$ 662.30	$ 608.40	$ 231.15
3	Zone 2	$ 681.16	$ 608.40	$ 231.15
3	Zone 3	$ 719.97	$ 608.40	$ 231.15
3	Zone 4	$ 662.30	$ 608.40	$ 231.15
	OC12 Entrance Facilities			
3	Zone 1	$ 1,570.55	$ 608.40	$ 231.15
3	Zone 2	$ 1,589.41	$ 608.40	$ 231.15
3	Zone 3	$ 1,628.22	$ 608.40	$ 231.15
3	Zone 4	$ 1,570.55	$ 608.40	$ 231.15
3	VG Interoffice Transport - Urban Term.	$ 12.74	$87.06	$98.46
3	VG Interoffice Transport - Suburban Term.	$ 12.89	$87.06	$98.46
3	VG Interoffice Transport - Rural Term.	$ 13.25	$87.06	$98.46
3	VG Interoffice Transport - Urban - Springfield Term.	$ 12.74	$87.06	$98.46
3	VG Interoffice Transport - Interzone Term.	$ 13.87	$87.06	$98.46
3	VG Interoffice Transport - Urban Mile	$ 0.011	Same as for Term.	Same as for Term.
3	VG Interoffice Transport - Suburban Mile	$ 0.057	Same as for Term.	Same as for Term.
3	VG Interoffice Transport - Rural Mile	$ 0.113	Same as for Term.	Same as for Term.
3	VG Interoffice Transport - Urban - Springfield Mile	$ 0.011	Same as for Term.	Same as for Term.
3	VG Interoffice Transport - Interzone Mile	$ 0.057	Same as for Term.	Same as for Term.
1A	DS1 Transport I/O First mile - zone 1	$ 46.85	$ 174.43	$ 118.14
1A	DS1 Transport I/O First mile - zone 2	$ 70.87	$ 174.43	$ 118.14
1A	DS1 Transport I/O First mile - zone 3	$ 71.61	$ 174.43	$ 118.14
1A	DS1 Transport I/O First mile - zone 4	$ 42.78	$ 174.43	$ 118.14

SOUTHWESTERN BELL TELEPHONE COMPANY / CLEC
MISSOURI - M2A

NOTE	UNE/Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional
1A	DS1 Transport I/O Additional mile - zone 1	$ 0.51	$ 174.43	$ 118.14
1A	DS1 Transport I/O Additional mile - zone 2	$ 1.36	$ 174.43	$ 118.14
1A	DS1 Transport I/O Additional mile - zone 3	$ 1.60	$ 174.43	$ 118.14
1A	DS1 Transport I/O Additional mile - zone 4	$ 0.19	$ 174.43	$ 118.14
1A	DS1 Interzone First mile	$ 81.61	$ 174.43	$ 118.14
1A	DS1 Interzone - Additional mile	$ 0.97	$ 174.43	$ 118.14
1A	DS 3 Transport I/O First mile - zone 1	$ 754.05	$ 170.28	$ 130.07
1A	DS 3 Transport I/O First mile - zone 2	$ 1,486.67	$ 170.28	$ 130.07
1A	DS 3 Transport I/O First mile - zone 3	$ 1,670.39	$ 170.28	$ 130.07
1A	DS 3 Transport I/O First mile - zone 4	$ 643.14	$ 170.28	$ 130.07
1A	DS 3 Transport I/O Additional mile - zone 1	$ 12.75	$ 170.28	$ 130.07
1A	DS 3 Transport I/O Additional mile - zone 2	$ 46.01	$ 170.28	$ 130.07
1A	DS 3 Transport I/O Additional mile - zone 3	$ 79.54	$ 170.28	$ 130.07
1A	DS 3 Transport I/O Additional mile - zone 4	$ 16.16	$ 170.28	$ 130.07
1A	DS 3 Interzone - First mile	$ 1,924.75	$ 170.28	$ 130.07
1A	DS 3 Interzone - Additional mile	$ 21.08	$ 170.28	$ 130.07
3	OC3 Interoffice Transport - Urban Term.	$ 1,381.04	$ 562.41	$ 276.80
3	OC3 Interoffice Transport - Suburban Term.	$ 1,461.22	$ 562.41	$ 276.80
3	OC3 Interoffice Transport - Rural Term.	$ 2,188.84	$ 562.41	$ 276.80
3	OC3 Interoffice Transport - Urban Springfield Term.	$ 1,381.04	$ 562.41	$ 276.80
3	OC3 Interoffice Transport - Interzone Term.	$ 2,578.91	$ 562.41	$ 276.80
3	OC3 Interoffice Transport - Urban Mile	$ 27.85	Same as for Term.	Same as for Term.
3	OC3 Interoffice Transport - Suburban Mile	$ 48.47	Same as for Term.	Same as for Term.
3	OC3 Interoffice Transport - Rural Mile	$ 175.76	Same as for Term.	Same as for Term.
3	OC3 Interoffice Transport - Springfield Mile	$ 27.85	Same as for Term.	Same as for Term.
3	OC3 Interoffice Transport - Interzone Mile	$ 43.27	Same as for Term.	Same as for Term.
3	OC12 Interoffice Transport - Urban Term.	$ 5,238.16	$ 577.05	$ 297.74
3	OC12 Interoffice Transport - Suburban Term.	$ 5,675.82	$ 577.05	$ 297.74
3	OC12 Interoffice Transport - Rural Term.	$ 8,048.17	$ 577.05	$ 297.74
3	OC12 Interoffice Transport - Urban Springfield Term.	$ 5,238.16	$ 577.05	$ 297.74
3	OC12 Interoffice Transport - Interzone Term.	$ 9,804.49	$ 577.05	$ 297.74
3	OC12 Interoffice Transport - Urban Mile	$ 111.40	Same as for Term.	Same as for Term.
3	OC12 Interoffice Transport - Suburban Mile	$ 193.85	Same as for Term.	Same as for Term.
3	OC12 Interoffice Transport - Rural Mile	$ 703.03	Same as for Term.	Same as for Term.
3	OC12 Interoffice Transport - Urban Springfield Mile	$ 111.40	Same as for Term.	Same as for Term.
3	OC12 Interoffice Transport - Interzone Mile	$ 173.08	Same as for Term.	Same as for Term.
2	OC48 Interoffice Transport - Urban Term.	ICB	ICB	ICB
2	OC48 Interoffice Transport - Suburban Term.	ICB	ICB	ICB
2	OC48 Interoffice Transport - Rural Term.	ICB	ICB	ICB
2	OC48 Interoffice Transport - Interzone Term.	ICB	ICB	ICB
2	OC48 Interoffice Transport - Urban Mile	ICB	ICB	ICB
2	OC48 Interoffice Transport - Suburban Mile	ICB	ICB	ICB
2	OC48 Interoffice Transport - Rural Mile	ICB	ICB	ICB
2	OC48 Interoffice Transport - Interzone Mile	ICB	ICB	ICB
	Dedicated Transport Cross Connect			
3	Voice Grade 2 Wire	$ 2.88	$ 47.38	$ 35.31
3	Voice Grade 4 Wire	$ 4.05	$ 53.06	$ 38.50
2	DS1	$ 12.00	$ 74.25	$ 71.25
1	DS3	$ 30.08	$ 54.98	$ 42.90
3	OC3	$ 50.00	$ 233.77	$ 115.32
3	OC12	$ 50.00	$ 239.85	$ 124.04
2	OC48	ICB	ICB	ICB
	Digital Cross-Connect System			
2	DS0 DCS Port	$ 13.70	$ 24.30	None
2	DS1 DCS Port	$ 45.14	$ 42.32	None
2	DS3 DCS Port	$ 490.05	$ 32.00	None
2	DCS Establishment	None	$ 1,291.50	None
2	Database Modification	None	$ 65.33	None
2	Reconfiguration Charge	None	$ 0.94	None
	Multiplexing			
2	VG to DS1	$ 180.00	$ 195.00	$ 120.75
2	DS1 to DS3	$ 815.00	$ 1,029.00	$ 609.75
	SS7 Links - Cross Connect			
2	~~STP to Collo Cage - DS0 (Zones 1,2,3&4)~~	~~$ 74.20~~	~~$ 224.85~~	~~$ 151.84~~
2	STP to Collo Cage - DS1(Zones 1,2,3 & 4)	$ 53.65	$ 192.75	$ 130.84
3	STP to SWBT TDF - DS0	$ 42.58	$ 67.24	$ 64.55
3	STP to SWBT SDX Frame - DS1	$ 30.89	$ 75.12	$ 72.46

SOUTHWESTERN BELL TELEPHONE COMPANY / CLEC
MISSOURI - M2A

NOTE	UNE/Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional
	Unbundled Signaling			
3	STP Access Connection 1.544 Mbps - Fixed	$ 38.15	None	None
3	STP Access Connection 1.544 Mbps - per mile	Included in rate above	None	None
3	STP Access Link 56 Kbps per link	$ 100.16	None	None
3	STP Access Link 56 Kbps per mile	$ 0.91	None	None
1A	SS7 Transport per message	$ 0.0000006	None	None
3	SS7 Signaling Transport per call	$ 0.00006	None	None
1A	STP Port per port	$ 391.70	$ 217.14	None
3	Point Code Addition per STP pair	None	$ 12.57	$ 12.57
3	GTT Addition - Simple	None	$ 1.01	$ 1.01
3	GTT Addition - Complex	None	ICB	ICB
	Line Information Database - Validation and CNAM			
2	Validation Query	$0.00	None	None
2	CNAM Service Query	$0.00	None	None
2	Query Transport	$0.00	None	None
2	Service Order Charge	$0.00	None	None
2	Line Validation Administration System	None	None	None
	Toll Free Database per Message/Query			
1	800 Query - Simple	$ 0.0002540	None	None
1	Designated 10-Digit Translation	$ -	None	None
1	Call Validation	$ -	None	None
1	Call Handling and Destination (Toll-Free-800 Addition)	$ 0.0000340	None	None
	OSS			
6	System Access	$3,345.00	None	None
6	Remote Facility per port - Direct Connection	$1,580.00	None	None
6	Remote Facility per port - Dial-up Connection	$316.00	None	None
	Service Order Charges - Unbundled Elements			
2	New Simple	None	$0.00	None
2	New Complex	None	$0.00	None
2	Change Simple	None	$0.00	None
2	Change Complex	None	$0.00	None
2	Record Simple	None	$0.00	None
2	Record Complex	None	$0.00	None
2	Disconnect Simple	None	$0.00	None
2	Disconnect Complex	None	$0.00	None
2	Suspend/Restore Simple	None	$0.00	None
2	Suspend/Restore Complex	None	$0.00	None
2	Expedited Simple	None	$0.00	None
2	Expedited Complex	None	$0.00	None
2	Customer Not Ready Simple	None	$0.00	None
2	Customer Not Ready Complex	None	$0.00	None
2	Due Date Change or Cancellation Simple	None	$0.00	None
2	Due Date Change or Cancellation Complex	None	$0.00	None
4	PIC Change Charge		$0.00	None
1	**Mechanized UNE Service Order Charge**	None	$ 5.00	None
	Maintenance of Service Charges			
4	Basic Time - per half hour	None	$ 30.93	$ 21.32
4	Overtime - per half hour	None	$ 36.35	$ 26.73
4	Premium Time - per half hour	None	$ 41.77	$ 32.15
	Time and Materials Charges			
4	Basic Time - per half hour	None	$ 30.93	$ 21.32
4	Overtime - per half hour	None	$ 36.35	$ 26.73
4	Premium Time - per half hour	None	$ 41.77	$ 32.15
	Nonproductive Dispatch Charges			
4	Basic Time - per half hour	None	$ 30.93	$ 21.32
4	Overtime - per half hour	None	$ 36.35	$ 26.73
4	Premium Time - per half hour	None	$ 41.77	$ 32.15
	Miscellaneous			
2	Performance Data	ICB	ICB	ICB
2	Special Request Processing	ICB	ICB	ICB

SOUTHWESTERN BELL TELEPHONE COMPANY / CLEC
MISSOURI - M2A

NOTE	UNE/Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional
	Dark Fiber - Interoffice			
1	Zone 1 per fiber per foot per month	$ 0.002085	None	None
1	Zone 2 per fiber per foot per month	$ 0.003156	None	None
1	Zone 3 per fiber per foot per month	$ 0.004752	None	None
1	Zone 4 per fiber per foot per month	$ 0.002085	None	None
1	Dark Fiber Termination	$ 4.50	$ 42.52	$ 28.41
3	Dark fiber to Collo Cross-Connect	$ 1.71	$65.87	$ 48.44
	BCR			
4	Per local message	$ 0.08	None	None
4	Per interstate local message	$ 0.050	None	None
	Clearinghouse			
4	Per originating message	$ 0.02	None	None
4	Per end user message billed	$ 0.05	None	None
	Recording			
4	Recording/Access Usage Record	$0.00	None	None
4	Assembly and Editing per Message	$0.00	None	None
4	Rating per Message	$0.00	None	None
4	Message Processing per Message	$0.00	None	None
4	Provision of Message Detail per record	$0.00	None	None
4	Source Info Provided per record furnished - meet point billing applicable	$0.00	None	None
4	Source Info Provided per record furnished - meet point billing not applicable	$0.00	None	None
	Hosting			
4	Full Status RAO Company - Hosting Company Network per billable mssg	$ 0.0020	None	None
4	Full Status RAO Company - Nat'l CMDS Network per billable mssg	$ 0.0050	None	None
4	Non-Full Status RAO Company - Hosting Company Network per billable mssg	$ 0.0100	None	None
4	Non-Full Status RAO Company - Nat'l CMDS Network per billable mssg	$ 0.0070	None	None
4	Non-Full Status RAO Company - Delivery per record charge per billable mssg.	$ 0.0030	None	None
	E911			
4	Feature per 1000 lines - ANI to SWBT PSAP	$ 10.00	$ 80.00	None
4	Feature per 1000 lines - ANI to Non-SWBT PSAP	$ 10.00	$ 80.00	None
4	Feature per 1000 lines - ANI and Selective Routing to SWBT PSAP	$ 51.60	$ 85.00	None
4	Feature per 1000 lines - ANI and Selective Routing to Non-SWBT PSAP	$ 51.60	$ 85.00	None
4	Feature per 1000 lines - ANI and ALI to SWBT PSAP	$ 83.60	$ 85.00	None
4	Feature per 1000 lines - ANI and ALI to Non-SWBT PSAP	$ 83.60	$ 85.00	None
4	Feature per 1000 lines - ANI, SR and ALI to SWBT PSAP	$ 83.60	$ 85.00	None
4	Feature per 1000 lines - ANI, SR and ALI to Non-SWBT PSAP	$ 83.60	$ 85.00	None
4	Trunk Charge per channel	$ 58.00	$ 170.00	None
1A	**Intercompany Termination Compensation for Local Traffic Tandem Switching per MOU**	$ 0.001231	None	None
	Common Transport			
1A	Termination MOU Zone 1	$ 0.000155	None	None
1A	Termination MOU Zone 2	$ 0.000232	None	None
1A	Termination MOU Zone 3	$ 0.000246	None	None
1A	Termination MOU Zone 4	$ 0.000132	None	None
1A	Termination MOU Interzone	$ 0.000271	None	None
1A	Facility Mile MOU Zone 1	$ 0.0000016	None	None
1A	Facility Mile MOU Zone 2	$ 0.0000057	None	None
1A	Facility Mile MOU Zone 3	$ 0.0000117	None	None
1A	Facility Mile MOU Zone 4	$ 0.0000008	None	None
1A	Facility Mile MOU Interzone	$ 0.0000030	None	None
	Local Switching			
1A	Zone 1 Urban (STL, KS)	$ 0.001620	none	none
1A	Zone 2 Suburban	$ 0.001949	none	none
1A	Zone 3 Rural	$ 0.002807	none	none
1A	~~Zone 4 Urban Springfield~~	~~$ 0.002391~~	~~none~~	~~none~~
	Transit Compensation			
1	Transit Rate Zone 1	$ 0.001714	None	None

SOUTHWESTERN BELL TELEPHONE COMPANY / CLEC
MISSOURI - M2A

NOTE	UNE/Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional
1	Transit Rate Zone 2	$ 0.001844	None	None
1	Transit Rate Zone 3	$ 0.001917	None	None
1	Transit Rate Zone 4	$ 0.001679	None	None
1	Transit Rater Interzone	$ 0.001863		
	CMRS Transit Compensation			
1	Transit Rate Zone 1	$ 0.001714	None	None
1	Transit Rate Zone 2	$ 0.001844	None	None
1	Transit Rate Zone 3	$ 0.001917	None	None
1	Transit Rate Zone 4	$ 0.001679	None	None
1	Transit Rater Interzone	$ 0.001863	None	None
	Poles, Ducts, and Conduit			
1	Pole Attachment per pole per year	$ 2.35	None	None
1	Conduit Space, per duct foot per year	$ 0.40	None	None
1	Inner Duct, per duct foot per year	$ 0.205	None	None
	INP Remote			
1	Per line	None	None	None
1	Add'l Path	None	None	None
	INP Direct			
1	Number	None	None	None
1	Trunk Termination	None	None	None
1	D4 Channel Bank	None	None	None
1	DID Nonrecurring per #	None	None	None
1	DID Nonrecurring Transport per MOU	None	None	None
	Conversion Order Charges for Resold Services			
1	Mechanized Simple	None	$ 5.00	None
1	Mechanized Complex	None	$ 5.00	None
1	Simple Manual	None	$ 5.00	None
1	Complex Manual	None	$ 5.00	None
2	**NXX Migration per NXX**	None	$ 12,940.00	
4	**Local Disconnect Report**	$ 0.003	None	None
	Central Office Access Charge			
5	Residential	None	$ 16.35	None
5	Business	None	$ 21.30	None

1. Permanent TELRIC Based rates from final Missouri Commission order in TO-97-40
1A. Permanent TELRIC based rates from Final Missouri Commission order in TO-97-40, Less Voluntary reductions
2. Interim subject to prospective change and retrospective true-up to prices established by the the Missouri
   PSC in Case No. TO-2001-438 or other appropriate docket established by the PSC
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
4. Based on Missouri Tariff rates and or taken from SWBT/CLEC Missouri Interconnection Agreements
   filed with and approved by the Missouri PSC
5. Texas Tariff based rate
6. Rates are zero until October 7th, 2002

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SOUTHWESTERN BELL TELEPHONE COMPANY / CLEC
MISSOURI - M2A

NOTE	UNE/Service	Monthly Recurring	Nonrecurring Rate First	Nonrecurring Rate Additional
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EXHIBIT 1

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 (REQ type "M"), and these items are in a pre-existing combination in Missouri (ACT Type "V"), a service order charge will apply but the non-recurring charges for each of these two individual unbundled network elements and the cross connect will be $0 on an interim basis, subject to true-up as described below, pending the outcome of Missouri Public Service Commission Docket No. TO-98-115 or a future cost proceeding, arbitration or other proceeding involving both parties before the Missouri Public Service Commission to review the costs and set permanent non-recurring charges for these elements and the cross-connect. SWBT will apply the appropriate service order charge and the non-recurring charges for any vertical features requested. Following the issuance of a final order by the Missouri Public Service Commission (subject to any stay pending appeal), the rates established in such proceeding shall immediately apply to this Agreement and the interim rates set forth above in this Exhibit 1 shall be subject to retroactive true-up to the rates established by the Missouri Public Service Commission as described below.

Within thirty (30) days of the Missouri Public Service Commission's issuance of a final order in TO-98-115 or other proceedings, the Parties shall amend this Agreement by filing a revised Exhibit 1 which conforms to the outcome of such final order.

Each of the rates listed in the following Appendix Pricing UNE Schedule of Prices that are interim will be in effect only until the effective date of the Missouri Public Service Commission's order establishing permanent rates, in Case No. TO-2001-438 or otherwise. These include rates for UNEs/Services for which the Commission set interim rates in Case No. TO-98-115 and rates for listed UNEs for which the Commission has not set rates, including unbundled local transport rates. The rates listed in the following Appendix Pricing UNE Schedule of Prices that are interim are subject to true up to the permanent rates established by the Public Service Commission, in Case No. TO-2001-438 or another appropriate case. Any refund or additional charges due as a result of true up shall be paid within thirty days of the effective date of the Commission's order adopting permanent rates. The time period subject to true up shall be limited to six months, retrospectively from the effective date of the Commission's final order adopting permanent rates, but shall not include any period prior to the effective date of this agreement with CLEC.
``

EXHIBIT VIII
IDENTIFICATION OF UTILITY LIAISON SUPERVISOR
(MISSOURI)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

The Utility Liaison Supervisor for Missouri is named below. Notices to the Utility Liaison Supervisor should be addressed as follow:

Name:

Title: Utility Liaison Supervisor

Firm: Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company

Address: 12930 Olive Street Road, Floor 2

City/State/Zip Creve Couer, Missouri 63141

AMENDMENT NO. ___

TO MISSOURI INTERCONNECTION AGREEMENT

by and between

SOUTHWESTERN BELL TELEPHONE, L.P. D/B/A SOUTHWESTERN BELL
TELEPHONE COMPANY

AND

CD TELECOMMUNICATIONS, LLC

The Missouri Interconnection Agreement, dated September 13, 2001 ("the Agreement") by and between Southwestern Bell Telephone Company[1] ("SWBT") and CD Telecommunications, LLC ("CLEC") is hereby amended as follows:

(1)   The following provisions are hereby added to Section 9 of Attachment 6: Unbundled Network Elements and is attached hereto in its entirety:

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 Agreement. 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 Agreement 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 Agreement 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.

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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, doing business as Southwestern Bell Telephone Company ("SWBT").

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

(3)   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 SWBT and CLEC ("Agreed Changes"). The Parties acknowledge and agree that (i) all aspects of this Agreement except for the Agreed Changes were made available to CLEC only as a result of CLEC's right to opt into the M2A or parts thereof pursuant to Order in Case No.TO-99-227; and (ii) therefore, no aspects of this Agreement other than the Agreed Changes set forth in this Amendment may qualify for portability under Paragraph 43 of the SBC/Ameritech Merger Conditions, approved by the FCC its *Memorandum Opinion and Order,* CC Docket 98-141, rel. (October 8, 1999) ("Paragraph 43").   The Parties further acknowledge and agree that the Agreed Changes shall be considered portable under Paragraph 43 only if they otherwise qualify for portability under that Paragraph.

(4)   EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT, and such terms are hereby incorporated by reference and the Parties hereby reaffirm the terms and provisions thereof.

(5)   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 _____, 2002, by Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company, signing by and through its duly authorized representative, and CLEC, signing by and through its duly authorized representative.

CD Telecommunications, LLC   **Southwestern Bell Telephone, L.P., d/b/a**
                                        Southwestern Bell Telephone Company
                                        By SBC Telecommunications, Inc.,
                                        Its authorized agent

By: _____   By: _____

Title: _____ Title: <u>President – Industry Markets</u>
Name: _____Name: _____
            (Print or Type)   (Print or Type)

Date: _____   Date: _____

SOUTHWESTERN BELL TELEPHONE COMPANY /
CD TELECOMMUNICATIONS, LLC /
MISSOURI

Line	Change/ Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurri Rate Additio
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
5			**Unbundled Loops**						
6			2W Analog Zone 1	U21	$ 12.71	(1)	$ 19.55	(1)	$ 8
7			2W Analog Zone 2	U21	$ 18.64	(1A)	$ 19.55	(1A)	$ 8
8			2W Analog Zone 3	U21	$ 19.74	(1A)	$ 19.55	(1A)	$ 8
9			2W Analog Zone 4	U21	$ 16.41	(1A)	$ 19.55	(1A)	$ 8
10			2W Analog Zone 1	RB9	$ 12.71	(1)	$0.00	(15)	$0.00
11			2W Analog Zone 2	RB9	$ 18.64	(1A)	$0.00	(15)	$0.00
12			2W Analog Zone 3	RB9	$ 19.74	(1A)	$0.00	(15)	$0.00
13			2W Analog Zone 4	RB9	$ 16.41	(1A)	$0.00	(15)	$0.00
14			Conditioning for dB Loss	UL2	$ 6.63	(1)	$ 17.54	(1)	$ 8
15			4W Analog Zone 1	U4H	$ 17.81	(1A)	$ 21.58	(1A)	$ 8
16			4W Analog Zone 2	U4H	$ 31.82	(1A)	$ 21.58	(1A)	$ 8
17			4W Analog Zone 3	U4H	$ 55.04	(1A)	$ 21.58	(1A)	$ 8
18			4W Analog Zone 4	U4H	$ 27.07	(1A)	$ 21.58	(1A)	$ 8
19			2W Digital Zone 1	U2Q/RB8	$ 25.79	(1)	$ 43.33	(1)	$ 22
20			2W Digital Zone 2	U2Q/RB8	$ 37.89	(1A)	$ 43.33	(1A)	$ 22
21			2W Digital Zone 3	U2Q/RB8	$ 52.60	(1A)	$ 43.33	(1A)	$ 22
22			2W Digital Zone 4	U2Q/RB8	$ 37.30	(1A)	$ 43.33	(1A)	$ 22
23			4W Digital Zone 1	U4D1X/RB6	$ 91.06	(1A)	$ 102.47	(1A)	$ 40
24			4W Digital Zone 2	U4D1X/RB6	$ 95.45	(1A)	$ 102.47	(1A)	$ 40
25			4W Digital Zone 3	U4D1X/RB6	$ 97.10	(1A)	$ 102.47	(1A)	$ 40
26			4W Digital Zone 4	U4D1X/RB6	$ 91.25	(1A)	$ 102.47	(1A)	$ 40
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
29			*PSD #1 - 2-Wire Digital Loop ISDN/IDSL - Zone 2	U2Q/RB8	$ 37.89		$ 43.33		$ 22
30			*PSD #1 2-Wire Digital Loop ISDN/IDSL - Zone 3	U2Q/RB8	$ 52.60		$ 43.33		$ 22
31			*PSD #1 2-Wire Digital Loop ISDN/IDSL - Zone 4	U2Q/RB8	$ 37.30		$ 43.33		$ 22
32		2-Wire xDSL Loop	*PSD #1 - 2-Wire xDSL Loop - Zone 1	2SLAX	$ 12.71		$ 19.55		$ 8
33			*PSD #1 - 2-Wire xDSL Loop - Zone 2	2SLAX	$ 18.64		$ 19.55		$ 8
34			*PSD #1 - 2-Wire xDSL Loop - Zone 3	2SLAX	$ 19.74		$ 19.55		$ 8
35			*PSD #1 - 2-Wire xDSL Loop - Zone 4	2SLAX	$ 16.41		$ 19.55		$ 8

SOUTHWESTERN BELL TELEPHONE COMPANY /
CD TELECOMMUNICATIONS, LLC /
MISSOURI

Line	Change/ Update	Service	Elements/Service	USOCs	MONTHLY RATE	Nonrecurring Rate First	Nonrecurri Rate Additio
36			*PSD #2 - 2-Wire xDSL Loop - Zone 1	2SLCX	$ 12.71	$ 19.55	$ 8
37			*PSD #2 - 2-Wire xDSL Loop - Zone 2	2SLCX	$ 18.64	$ 19.55	$ 8
38			*PSD #2 - 2-Wire xDSL Loop - Zone 3	2SLCX	$ 19.74	$ 19.55	$ 8
39			*PSD #2 - 2-Wire xDSL Loop - Zone 4	2SLCX	$ 16.41	$ 19.55	$ 8
40			*PSD #3 - 2-Wire xDSL Loop - Zone 1	2SLBX	$ 12.71	$ 19.55	$ 8
41			*PSD #3 - 2-Wire xDSL Loop - Zone 2	2SLBX	$ 18.64	$ 19.55	$ 8
42			*PSD #3 - 2-Wire xDSL Loop - Zone 3	2SLBX	$ 19.74	$ 19.55	$ 8
43			*PSD #3 - 2-Wire xDSL Loop - Zone 4	2SLBX	$ 16.41	$ 19.55	$ 8
44			*PSD #4 - 2-Wire xDSL Loop - Zone 1	2SLDX	$ 12.71	$ 19.55	$ 8
45			*PSD #4 - 2-Wire xDSL Loop - Zone 2	2SLDX	$ 18.64	$ 19.55	$ 8
46			*PSD #4 - 2-Wire xDSL Loop - Zone 3	2SLDX	$ 19.74	$ 19.55	$ 8
47			*PSD #4 - 2-Wire xDSL Loop - Zone 4	2SLDX	$ 16.41	$ 19.55	$ 8
48			*PSD #5 - 2-Wire xDSL Loop - Zone 1	U2F	$ 12.71	$ 19.55	$ 8
49			*PSD #5 - 2-Wire xDSL Loop - Zone 2	U2F	$ 18.64	$ 19.55	$ 8
50			*PSD #5 - 2-Wire xDSL Loop - Zone 3	U2F	$ 19.74	$ 19.55	$ 8
51			*PSD #5 - 2-Wire xDSL Loop - Zone 4	U2F	$ 16.41	$ 19.55	$ 8
52			*PSD #7 - 2-Wire xDSL Loop - Zone 1	2SLFX	$ 12.71	$ 19.55	$ 8
53			*PSD #7 - 2-Wire xDSL Loop - Zone 2	2SLFX	$ 18.64	$ 19.55	$ 8
54			*PSD #7 - 2-Wire xDSL Loop - Zone 3	2SLFX	$ 19.74	$ 19.55	$ 8
55			*PSD #7 - 2-Wire xDSL Loop - Zone 4	2SLFX	$ 16.41	$ 19.55	$ 8
56		4-Wire xDSL Loop	*PSD #3 - 4-Wire xDSL Loop - Zone 1	4SL1X	$ 17.81	$ 21.58	$ 8
57			*PSD #3 - 4-Wire xDSL Loop - Zone 2	4SL1X	$ 31.82	$ 21.58	$ 8

SOUTHWESTERN BELL TELEPHONE COMPANY /
CD TELECOMMUNICATIONS, LLC /
MISSOURI

Line	Change/ Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurri Rate Additio
58			*PSD #3 - 4-Wire xDSL Loop - Zone 3	4SL1X	$ 55.04		$ 21.58		$ 8
59			*PSD #3 - 4-Wire xDSL Loop - Zone 4	4SL1X	$ 27.07		$ 21.58		$ 8
60			* USOCS used for inventory purpose only						
61		HFPL Loop	HFPL Loop - Zone 1 (Urban STL, KS))	ULPPX	$0.00	(14)	NA		NA
62			HFPL Loop - Zone 2 (Suburban)	ULPPX	$0.00	(14)	NA		NA
63			HFPL Loop - Zone 3 (Rural)	ULPPX	$0.00	(14)	NA		NA
64			HFPL Loop - Zone 4 (Urban Springfield)	ULPPX	$0.00	(14)	NA		NA
65		Loop Qualification Process	Loop Make-Up Information - Mechanized	NR98U	NA		$8.41		$0.00
66			Loop Make-Up Information - Manual	NRBXU	NA		$84.15	(8)	NA
67			Detailed Make-up Information - Manual	NR98Y	NA		TBD		
68		xDSL Cross Connect Charge - Standard:	2-Wire Analog	UCX92	$ 0.31	(9)	$ 19.96	(9)	$ 12
69			4-Wire Analog	UCX94	$ 0.63	(9)	$ 25.38	(9)	$ 17
70			2-Wire Digital	(UCXC2)	$ 0.31	(9)	$ 19.96	(9)	$ 12
71			4-Wire Digital	(UCXHX)					
72		xDSL Cross Connect Charge - Shielded:	2-wire Analog	UXRRX	$ 0.80	(9)	$ 19.96	(9)	$ 12
73			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.						
74			#HFPL Cross Connect - CLEC Owned Non-Integrated	UKCGE	$0.62		$39.92		$2
75			#HFPL Cross Connect - CLEC Owned-Integrated	UKCGD	$0.62		$39.92		$2
76			#HFPL Cross Connect - SBC Owned	UKCGX	$0.93		$59.88		$3
77			# The price assumes all Central Office cross-connects required to provision the HFPL product						
78		HFPL OSS	OSS Recover Charge	UM3	$ 0.61	(14)	None		None
79		DSL Conditioning Options	UNE Loops up to 17,000 ft:						
80			Removal of Repeater	NRBXV	None	(10)	$221.90		$221.90
81			Removal of Bridged Tap and Repeater	NRBXH	None	(10)	$0.00	(10)	$0.00
82			Removal of Bridged Tap	NRBXW	None	(10)	$0.00	(10)	$0.00
83			Removal of Bridged Tap and Load Coil	NRBXF	None	(10)	$0.00	(10)	$0.00

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84			Removal of Load Coil	NRBXZ	None	(10)	$0.00	(10)	$0.00
85			**UNE Loops over 17,500 ft:**						
86			Removal of Repeater (1)	NRBNL	$0.00	(10)	$221.90		$221.90
87			Incremental Additional Removal of Repeater	NRBNP	None	(10)	$0.00	(10)	$0.00
88			Removal of Bridged Tap and Repeater (1)	NRBTV	$0.00	(10)	$0.00	(10)	$0.00
89			Incremental Additional Removal of Bridged Tap and Repeater	NRBTW	None	(10)	$0.00	(10)	$0.00
90			Removal of Bridged Tap (1)	NRBNK	$0.00	(10)	$221.90		$221.90
91			Incremental Additional Removal of Bridged Tap	NRBNN	None	(10)	$0.00	(10)	$0.00
92			Removal of Bridged Tap and Load Coil (1)	NRBM8	$0.00	(10)	$0.00	(10)	$0.00
93			Incremental Additional Removal of Bridged Tap and Load Coil	NRBM9	None	(10)	$0.00	(10)	$0.00
94			Removal of Load Coil (1)	NRBNJ	$0.00	(10)	$0.00	(10)	$0.00
95			Incremental Additional Removal of Load Coil	NRBNH	None	(10)	$0.00	(10)	$0.00
96		Loop Cross Connects	**Loop Cross Connects (with testing unless otherwise noted)**						
97			Analog Loop to Collo 2W (same CO)	UCXC2	$ 1.89	(1)	$ 26.87	(1)	$ 22
98			Analog Loop to Collo 2W w/o testing (same CO)	UCXD2	$ 0.31	(1)	$ 14.97	(1)	$ 9
99			Analog Loop to Collo 4W (same CO)	UCXC4	$ 3.77	(1)	$ 31.22	(1)	$ 29
100			Analog Loop to Collo 4W w/o testing (same CO)	UCXD4	$ 0.63	(1)	$ 25.38	(1)	$ 17
101			Digital Loop to Collo 2W (same CO)	(UCXC2) Under Development	$ 1.89	(1)	$ 26.87	(1)	$ 22
102			Digital Loop to Collo 2W w/o testing (same CO)	(UCXD2) Under Development	$ 0.31	(1)	$ 14.97	(1)	$ 9
103			Digital Loop to Collo 4W (same CO)	(UCXHX Under Development	$ 9.00	(1)	$ 45.03	(1)	$ 34
104			Digital Loop to Collo 4W w/o testing (same CO)	UDLD4	None	(1)	$ 29.04	(1)	$ 28
105			Analog Loop to DCS 2W	(UDLW2) Under Development	$ 0.27	(3)	$ 20.65	(3)	$ 16
106			Analog Loop to DCS 4W	UCXGX	$ 0.54	(3)	$ 20.65	(3)	$ 16
107			Digital Loop to DCS 2W	UDU5X	$ 2.64	(3)	$ 20.65	(3)	$ 16

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108			Digital Loop to DCS 4W	(UCXHX) Under Development	$ 8.29	(3)	$ 28.95	(3)	$ 26
109			DS3 Loop to DCS	UDU3X	$ 225.59	(3)	$0.00	(3)	$0.00
110			Analog Loop to Switch Port	UDLX2	$0.00	(3)	$ 4.17	(3)	$ 3
111			Digital Loop to Switch Port 2W	(UDLW2) Under Development	$0.00	(3)	$ 9.40	(3)	$ 9
112			Digital Loop to Switch Port 4W	Under Development	$ 7.51	(3)	$ 37.58	(3)	$ 37
113		Subloop Feeder	2W Analog Zone 1	UK2RC	$ 4.81	(1)	$ 17.16	(1)	$ 7
114			2W Analog Zone 2	UK2RC	$ 6.60	(1)	$ 17.16	(1)	$ 7
115			2W Analog Zone 3	UK2RC	$ 6.87	(1)	$ 17.16	(1)	$ 7
116			2W Analog Zone 4	UK2RC	$ 9.90	(1)	$ 17.16	(1)	$ 7
117			2W Digital Zone 1	(UK2RC) Under Development	$ 20.18	(1)	$ 40.52	(1)	$ 20
118			2W Digital Zone 2	(UK2RC) Under Development	$ 32.17	(1)	$ 40.52	(1)	$ 20
119			2W Digital Zone 3	(UK2RC) Under Development	$ 30.89	(1)	$ 40.52	(1)	$ 20
120			2W Digital Zone 4	(UK2RC) Under Development	$ 39.13	(1)	$ 40.52	(1)	$ 20
121			DS1 4W Copper Zone 1	UK4RC	$ 67.05	(1)	$ 73.25	(1)	$ 29
122			DS1 4W Copper Zone 2	UK4RC	$ 67.27	(1)	$ 73.25	(1)	$ 29
123			DS1 4W Copper Zone 3	UK4RC	$ 67.17	(1)	$ 73.25	(1)	$ 29
124			DS1 4W Copper Zone 4	UK4RC	$ 70.79	(1)	$ 73.25	(1)	$ 29
125			Dark Fiber Foot Zone 1	ULOWG	$ 0.002085	(1)	None	(1)	None
126			Dark Fiber Foot Zone 2	ULOWG	$ 0.003156	(1)	None	(1)	None
127			Dark Fiber Foot Zone 3	ULOWG	$ 0.004752	(1)	None	(1)	None
128			Dark Fiber Foot Zone 4	ULOWG	$ 0.002085	(1)	None	(1)	None
129		Subloop Distribution	2W Analog Zone 1	UG2	$ 6.69	(1)	$ 85.08	(1)	$ 35
130			2W Analog Zone 2	UG2	$ 10.68	(1)	$ 85.08	(1)	$ 35
131			2W Analog Zone 3	UG2	$ 12.92	(1)	$ 85.08	(1)	$ 35
132			2W Analog Zone 4	UG2	$ 22.78	(1)	$ 85.08	(1)	$ 35
133			2W Digital Zone 1	UK2	$ 9.63	(1)	$ 86.76	(1)	$ 38
134			2W Digital Zone 2	UK2	$ 13.63	(1)	$ 86.76	(1)	$ 38
135			2W Digital Zone 3	UK2	$ 15.86	(1)	$ 86.76	(1)	$ 38
136			2W Digital Zone 4	UK2	$ 25.70	(1)	$ 86.76	(1)	$ 38
137			4W Digital Zone 1	UK4RE	$ 4.68	(1)	$ 131.83	(1)	$ 52
138			4W Digital Zone 2	UK4RE	$ 6.23	(1)	$ 131.83	(1)	$ 52
139			4W Digital Zone 3	UK4RE	$ 10.05	(1)	$ 131.83	(1)	$ 52
140			4W Digital Zone 4	UK4RE	$ 22.41	(1)	$ 131.83	(1)	$ 52
141		Subloop Cross Connect							
142			2W	UCX1X	None	(2)	$ 61.55	(2)	$ 46
143			4W	UCX14	None	(2)	$ 74.00	(2)	$ 50
144			Dark Fiber	UKCTX	$ 47.00	(2)	$ 75.00	(2)	$ 52

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145		Local Switching	Standard/Per Orig. or Term. MOU (excluding port) - Zone 1	ZZULS	$ 0.0016200	(1A)	None	(1A)	None
146			Standard/Per Orig. or Term. MOU (excluding port) - Zone 2	ZZULS	$ 0.0019490	(1A)	None	(1A)	None
147			Standard/Per Orig. or Term. MOU (excluding port) - Zone 3	ZZULS	$ 0.0028070	(1A)	None	(1A)	None
148			Standard/Per Orig. or Term. MOU (excluding port) - Zone 4	ZZULS	$ 0.0023910	(1A)	None	(1A)	None
149		Customized Routing Resale AIN	Per customer line	Not Applicable	$ 0.10	(3)	None	(3)	None
150			Per end office (unless previously charged under UNE)	Not Applicable	None	(3)	$ 85.00	(3)	$85.00
151			SOAC Table Work (unless previously charged under UNE)	Not Applicable	None	(3)	$ 6,201.00	(3)	$6,201.00
152			Development 1st LSP	Not Applicable	None	(3)	$ 390,645.00	(3)	None
153			Development Subsqt LSP	Not Applicable	None	(3)	ICB	(3)	None
154		Customized Routing UNE AIN	Per query per customer line	ZZURO	$ 0.0002333	(3)	None	(3)	None
155			SOAC Work Table (if not previously charged under resale)	Not Applicable	None	(3)	$ 7,160.30	(3)	$7,160.30
156			SOAC Work Table (if previously charged under resale)	Not Applicable	None	(3)	$ 959.30	(3)	$959.30
157			Per end office (if not previously charged under resale)	Not Applicable	None	(3)	$ 98.10	(3)	$98.10
158			Per end office (if previously charged under resale)	Not Applicable	None	(3)	$ 13.10	(3)	$13.10
159			Per Centrex-like Customer	Not Applicable	None	(3)	$ 123.60	(3)	$123.60
160			Development 1st LSP	Not Applicable	None	(3)	$273,916.32	(3)	None
161			Development Subsqt LSP	Not Applicable	None	(3)	ICB	(3)	None
162		Ports	Analog Line Port Zone 1	UYP/RBQ	$ 1.74	(1A)	$ 1.27	(1A)	$1.27
163			Analog Line Port Zone 2	UYP/RBQ	$ 1.97	(1A)	$ 1.27	(1A)	$1.27
164			Analog Line Port Zone 3	UYP/RBQ	$ 2.47	(1A)	$ 1.27	(1A)	$1.27
165			Analog Line Port Zone 4	UYP/RBQ	$ 2.25	(1A)	$ 1.27	(1A)	$1.27
166			BRI Line Port Zone 1	U1P/RBJ	$ 5.56	(1)	$ 5.36	(1)	$ 3
167			BRI Line Port Zone 2	U1P/RBJ	$ 5.56	(1)	$ 5.36	(1)	$ 3
168			BRI Line Port Zone 3	U1PRBJ	$ 5.56	(1)	$ 5.36	(1)	$ 3
169			BRI Line Port Zone 4	U1PRBJ	$ 5.56	(1)	$ 5.36	(1)	$ 3
170			PRI Line Port Zone 1	UJP/RB5	$ 165.85	(1)	$ 214.53	(1)	$ 98
171			PRI Line Port Zone 2	UJP/RB5	$ 165.85	(1)	$ 214.53	(1)	$ 98
172			PRI Line Port Zone 3	UJP/RB5	$ 165.85	(1)	$ 214.53	(1)	$ 98
173			PRI Line Port Zone 4	UJP/RB5	$ 165.85	(1)	$ 214.53	(1)	$ 98
174			Analog DID Trunk Port Zone 1	U5P/RBT	$ 13.55	(1)	$ 50.04	(1)	$ 50
175			Analog DID Trunk Port Zone 2	U5P/RBT	$ 14.45	(1)	$ 52.10	(1)	$ 52
176			Analog DID Trunk Port Zone 3	U5P/RBT	$ 10.60	(1)	$ 50.04	(1)	$ 50

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177			Analog DID Trunk Port Zone 4	U5P/RBT	$ 15.12	(1)	$ 50.04	(1)	$ 50	
178			DS1 Trunk Port Zone 1	U9Z	$ 132.14	(1)	$ 121.79	(1)	$ 24	
179			DS1 Trunk Port Zone 2	U9Z	$ 126.71	(1)	$ 121.83	(1)	$ 24	
180			DS1 Trunk Port Zone 3	U9Z	$ 58.04	(1)	$ 120.35	(1)	$ 22	
181			DS1 Trunk Port Zone 4	U9Z	$ 140.35	(1)	$ 123.74	(1)	$ 27	
182		Feature Activation per Analog Line Port Type	Call Waiting	ESX	None	(2)	$0.00	(2)	None	
183			Call Waiting ID	NWT	None	(2)	$0.00	(2)	None	
184			Call Waiting ID Options (for end users type 2.5 CPE)	NWL	None	(2)	$0.00	(2)	None	
185			Call Forwarding Variable	ESM	None	(2)	$0.00	(2)	None	
186			Call Forwarding Busy Line	EVB	None	(2)	$0.00	(2)	None	
187			Call Forwarding Don't Answer	EVD	None	(2)	$0.00	(2)	None	
188			Call Forward Busy Line/Don't Answer	E5E	None	(2)	$0.00	(2)	None	
189			Call Transfer Disconnect	FG3	None	(2)	$0.00	(2)	None	
190			Simultaneous Call Forwarding	ESD	None	(2)	$0.00	(2)	None	
191			Remote Access to Call Forwarding	RC3	None	(2)	$0.00	(2)	None	
192			Three-Way Calling	ESC	None	(2)	$0.00	(2)	None	
193			Speed Calling 8	ESL	None	(2)	$0.00	(2)	None	
194			Speed Calling 30	ESF	None	(2)	$0.00	(2)	None	
195			Auto Callback/Auto Redial	NSQ	None	(2)	$0.00	(2)	None	
196			Distinctive Ring/Priority Call	NSK	None	(2)	$0.00	(2)	None	
197			Selective Call Rejection/Call Blocker	NSY	None	(2)	$0.00	(2)	None	
198			Auto Recall/Call Return	NSS	None	(2)	$0.00	(2)	None	
199			Selective Call Forwarding	NCE	None	(2)	$0.00	(2)	None	
200			Calling # Delivery	NSD	None	(2)	$0.00	(2)	None	
201			CNAM Delivery	NMP	None	(2)	$0.00	(2)	None	
202			Calling Name/Name Delivery Blocking/Per Ln Block	NBJ	None	(2)	$0.00	(2)	None	
203			Calling Number/Name Blocking (Per Call)	NSG	None	(2)	$0.00	(2)	None	
204			Anonymous Call Rejection	AYK	None	(2)	$0.00	(2)	None	
205			Customer Alerting Enablement	AWS	None	(2)	$0.00	(2)	None	
206			Toll Restriction	DH2	None	(2)	$0.00	(2)	None	
207			International Direct Dialing Blocking	NR4BK	None	(2)	$0.00	(2)	None	
208										
209		Analog Line Port Features/per arrangement	Personalized Ring	DRS	None	(2)	$0.00	(2)	None	
210			Personalized Ring 1st DN	DRS1X	None	(2)	$0.00	(2)	None	
211			Personalized Ring 2nd DN	DRS2X	None	(2)	$0.00	(2)	None	
212			Hunting Arrangement	NR931	None	(2)	$0.00	(2)	None	

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213		Analog Line Port Feature Activation per successful occurrence	Call Trace (per feature per port)	NST	None	(2)	$0.00	(2)	None
214			Call Trace (per successful occurrence per port)	ZZUCL	None	(2)	$0.00	(2)	None
215		ISDN BRI Basic/BRI Centrex-like & PRI Trunk Side	CSV/CSD per B channel	STHXX	None	(2)	$0.00	(2)	None
216			Additional Call Offering for CSV per B Channel	NCO	None	(2)	$0.00	(2)	None
217			Call Forwarding Don't Answer per B Channel	NQ6	None	(2)	$0.00	(2)	None
218			Call Forwarding Variable per B Channel	NVF	None	(2)	$0.00	(2)	None
219			Three Way Conference Calling Per B Channel	NZ3	None	(2)	$0.00	(2)	None
220		ISDN BRI Centrex-like Features	Intercom Dialing	Under Development	None	(2)	$0.00	(2)	None
221		ISDN BRI Port Feature Packages	Basic EKTS per B channel	FPG1X	None	(2)	$0.00	(2)	None
222			CACH EKTS per B channel	EFV1X	None	(2)	$0.00	(2)	None
223		ISDN BRI Basic Individual Port Features	Call Forwarding Interface Busy	NQ5	None	(2)	$0.00	(2)	None
224			Calling Number Delivery	ZCN	None	(2)	$0.00	(2)	None
225			Hunt Group for CSD	HTKPG	None	(2)	$0.00	(2)	None
226			Hunt Group for CSV	GXH	None	(2)	$0.00	(2)	None
227			Message Waiting Indicator	NZW	None	(2)	$0.00	(2)	None
228			Secondary Only Telephone Number	DO6	None	(2)	$0.00	(2)	None
229		ISDN PRI Trunk Side Features	Backup D Channel	ZPBXD	None	(2)	$0.00	(2)	None
230			Calling Number Delivery	NXN	None	(2)	$0.00	(2)	None
231			Dynamic Channel Allocation	CCZ	None	(2)	$0.00	(2)	None
232		Analog Trunk Port DS1 Digital DID Trunk Port	DID #s - Initial 100 #s	ND8	None	(2)	$0.00	(2)	None
233			DID #S - Addtl.100 #s	ND9	None	(2)	$0.00	(2)	None
234			DID #s - Initial 10 #s	NDZ	None	(2)	$0.00	(2)	None
235			DID #s - Addtl. 10 #s	NDA	None	(2)	$0.00	(2)	None
236		Centrex-like System Charges	System Establishment per serving office - Analog Only	SEPUX	None	(2)	$0.00	(2)	None

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237			System Establishment per serving office - Analog/ISDN BRI Mix	SEPUY	None	(2)	$0.00	(2)	None
238			System Establishment per serving office - ISDN BRI Only	SEPUU	None	(2)	$0.00	(2)	None
239			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
240			System Subsqnt Conversion per serving office - Add Analog to existing ISDN BRI only system	NR93W	None	(2)	$0.00	(2)	None
241		Analog Line Port & BRI Line Port Centrex-Like Features	Auto Callback Calling/Business Group Callback	RGE	None	(2)	$0.00	(2)	None
242			Call Forwarding Busy Line	GCE	None	(2)	$0.00	(2)	None
243			Call Hold	6AB	None	(2)	$0.00	(2)	None
244			Call Pickup	E3P	None	(2)	$0.00	(2)	None
245			Call Transfer - All Calls	TF1PS	None	(2)	$0.00	(2)	None
246			Class of Service Restr. - Fully	ERSFC	None	(2)	$0.00	(2)	None
247			Class of Service Restr. - Semi	RQW	None	(2)	$0.00	(2)	None
248			Class of Service Restr. - Toll	ERSPA	None	(2)	$0.00	(2)	None
249			Consult. Hold	EBE	None	(2)	$0.00	(2)	None
250			Dial Call Waiting	WDK	None	(2)	$0.00	(2)	None
251			Directed Call Pickup - Non Barge in	69D	None	(2)	$0.00	(2)	None
252			Directed Call Pickup - With Barge in	6MD	None	(2)	$0.00	(2)	None
253			Distinctive Ring and Call Waiting Tone	DRJ	None	(2)	$0.00	(2)	None
254			Hunting Arrgmt - Basic	HRK	None	(2)	$0.00	(2)	None
255			Hunting Arrgmt - Circular	HCK	None	(2)	$0.00	(2)	None
256		Analog Line Port Centrex-Like Features	Standard feature initialization per analog port	NR935	None	(2)	$0.00	(2)	None
257			Call Forwarding Variable/ Business Group Call Forwarding Variable	HWJ	None	(2)	$0.00	(2)	None
258			Call Forwarding Don't Answer	69H	None	(2)	$0.00	(2)	None
259			Call Waiting - Intragroup/Business Call Forwarding Var.	NGW	None	(2)	$0.00	(2)	None
260			Call Waiting - Orig.	6SZ	None	(2)	$0.00	(2)	None
261			Call Waiting - Term.	HUH	None	(2)	$0.00	(2)	None
262			Speed Calling Personal	E18	None	(2)	$0.00	(2)	None
263			Three Way Calling	ESCPS	None	(2)	$0.00	(2)	None
264			Voice/Data Protection	D7N	None	(2)	$0.00	(2)	None

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265		BRI Line Port Centrex-Like Features	Standard feature initialization per ISDN BRI port	NR936	None	(2)	$0.00	(2)	None
266			Speed Calling Personal	NXG	None	(2)	$0.00	(2)	None
267		Tandem Switching	Per MOU per call	ZZUTA	$ 0.001231	(1A)	None	(1A)	None
268		Blended Transport	Per MOU - Zone 1	ZZUBT	$ 0.000535	(1A)	None	(1A)	None
269			Per MOU - Zone 2	ZZUBT	$ 0.000641	(1A)	None	(1A)	None
270			Per MOU - Zone 3	ZZUBT	$ 0.000697	(1A)	None	(1A)	None
271			Per MOU - Zone 4	ZZUBT	$ 0.000507	(1A)	None	(1A)	None
272			Per MOU - Interzone	ZZUBT	$ 0.000661	(1A)	None	(1A)	None
273		Common Transport	Termination MOU Zone 1	ZZUCT	$ 0.0001550	(1A)	None	(1A)	None
274			Termination MOU Zone 2	ZZUCT	$ 0.0002320	(1A)	None	(1A)	None
275			Termination MOU Zone 3	ZZUCT	$ 0.0002460	(1A)	None	(1A)	None
276			Termination MOU Zone 4	ZZUCT	$ 0.0001320	(1A)	None	(1A)	None
277			Termination MOU Interzone	ZZUCT	$ 0.0002710	(1A)	None	(1A)	None
278			Facility Mile MOU Zone 1	ZZUCT	$ 0.0000016	(1A)	None	(1A)	None
279			Facility Mile MOU Zone 2	ZZUCT	$ 0.0000057	(1A)	None	(1A)	None
280			Facility Mile MOU Zone 3	ZZUCT	$ 0.0000117	(1A)	None	(1A)	None
281			Facility Mile MOU Zone 4	ZZUCT	$ 0.0000008	(1A)	None	(1A)	None
282			Facility Mile MOU Interzone	ZZUCT	$ 0.0000030	(1)	None	(1)	None
283		Dedicated Transport	DS1 Entrance Facilities Zone 1	UENHX	$ 162.30	(2)	$ 471.00	(2)	$ 342
284			DS1 Entrance Facilities Zone 2	UENHX	$ 162.30	(2)	$ 471.00	(2)	$ 342
285			DS1 Entrance Facilities Zone 3	UENHX	$ 162.30	(2)	$ 471.00	(2)	$ 342
286			DS1 Entrance Facilities Zone 4	UENHX	$ 162.30	(2)	$ 471.00	(2)	$ 342
287			DS3 Entrance Facilities Zone 1	UENJX	$ 1,884.49	(2)	$ 477.75	(2)	$ 372
288			DS3 Entrance Facilities Zone 2	UENJX	$ 1,884.49	(2)	$ 477.75	(2)	$ 372
289			DS3 Entrance Facilities Zone 3	UENJX	$ 1,884.49	(2)	$ 477.75	(2)	$ 372
290			DS3 Entrance Facilities Zone 4	UENJX	$ 1,884.49	(2)	$ 477.75	(2)	$ 372
291			OC3 Entrance Facilities Zone 1	UENKX	$ 662.30	(3)	$ 608.40	(3)	$ 231
292			OC3 Entrance Facilities Zone 2	UENKX	$ 681.16	(3)	$ 608.40	(3)	$ 231
293			OC3 Entrance Facilities Zone 3	UENKX	$ 719.97	(3)	$ 608.40	(3)	$ 231
294			OC3 Entrance Facilities Zone 4	UENKX	$ 662.30	(3)	$ 608.40	(3)	$ 231
295			OC12 Entrance Facilities Zone 1	UENLX	$ 1,570.55	(3)	$ 608.40	(3)	$ 231
296			OC12 Entrance Facilities Zone 2	UENLX	$ 1,589.41	(3)	$ 608.40	(3)	$ 231
297			OC12 Entrance Facilities Zone 3	UENLX	$ 1,628.22	(3)	$ 608.40	(3)	$ 231
298			OC12 Entrance Facilities Zone 4	UENLX	$ 1,570.55	(3)	$ 608.40	(3)	$ 231
299			VG Interoffice Transport - Term. Zone 1	ULN2S	$ 12.74	(3)	$ 87.06	(3)	$ 98
300			VG Interoffice Transport - Term. Zone 2	ULN2S	$ 12.89	(3)	$ 87.06	(3)	$ 98
301			VG Interoffice Transport - Term. Zone 3	ULN2S	$ 13.25	(3)	$ 87.06	(3)	$ 98
302			VG Interoffice Transport - Term. Zone 4	ULN2S	$ 12.74	(3)	$ 87.06	(3)	$ 98

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303			VG Interoffice Transport - Term. Interzone	ULN2S	$ 13.87	(3)	$ 87.06	(3)	$ 98
304			VG Interoffice Transport - Mile Zone 1	ULN2S	$ 0.011	(3)	$ 87.06	(3)	$ 98
305			VG Interoffice Transport - Mile Zone 2	ULN2S	$ 0.057	(3)	$ 87.06	(3)	$ 98
306			VG Interoffice Transport - Mile Zone 3	ULN2S	0.113	(3)	$ 87.06	(3)	$ 98
307			VG Interoffice Transport - Mile - Zone 4	ULN2S	0.011	(3)	$ 87.06	(3)	$ 98
308			VG Interoffice Transport - Mile - Interzone	ULN2S	0.057	(3)	$ 87.06	(3)	$ 98
309			DS1 Interoffice Transport - 1st Mile Zone 1	ULNHS	$ 46.85	(1A)	$ 174.43	(1A)	$ 118
310			DS1 Interoffice Transport - 1st Mile Zone 2	ULNHS	$ 70.87	(1A)	$ 174.43	(1A)	$ 118
311			DS1 Interoffice Transport - 1st Mile Zone 3	ULNHS	$ 71.61	(1A)	$ 174.43	(1A)	$ 118
312			DS1 Interoffice Transport - 1st Mile- Zone 4	ULNHS	$ 42.78	(1A)	$ 174.43	(1A)	$ 118
313			DS1 Interoffice Transport - 1st Mile- Interzone	ULNHS	$ 81.61	(1A)	$ 174.43	(1A)	$ 118
314			DS1 Interoffice Transport - Add'l Mile Zone 1	ULNHS	$ 0.51	(1A)	$ 174.43	(1A)	$ 118
315			DS1 Interoffice Transport - Add'l Mile Zone 2	ULNHS	$ 1.36	(1A)	$ 174.43	(1A)	$ 118
316			DS1 Interoffice Transport - Add'l Mile Zone 3	ULNHS	$ 1.60	(1)	$174.43	(1)	$118.14
317			DS1 Interoffice Transport - Add'l Mile - Zone 4	ULNHS	$ 0.19	(1)	$174.43	(1)	$118.14
318			DS1 Interoffice Transport - Add'l Mile - Interzone	ULNHS	$ 0.97	(1)	$174.43	(1)	$118.14
319			DS3 Interoffice Transport - 1st Mile Zone 1	ULNJS	$ 754.05	(1A)	$ 170.28	(1A)	$ 130
320			DS3 Interoffice Transport - 1st Mile Zone 2	ULNJS	$ 1,486.67	(1A)	$ 170.28	(1A)	$ 130
321			DS3 Interoffice Transport - 1st Mile Zone 3	ULNJS	$ 1,670.39	(1A)	$ 170.28	(1A)	$ 130
322			DS3 Interoffice Transport - 1st Mile Zone 4	ULNJS	$ 643.14	(1A)	$ 170.28	(1A)	$ 130
323			DS3 Interoffice Transport -1st Mile- Interzone	ULNJS	$ 1,924.75	(1A)	$ 170.28	(1A)	$ 130
324			DS3 Interoffice Transport - Add'l Mile Zone 1	ULNJS	$ 12.75	(1A)	$ 170.28	(1A)	$ 130

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325			DS3 Interoffice Transport - Add'l Mile Zone 2	ULNJS	$ 46.01	(1A)	$ 170.28	(1A)	$ 130
326			DS3 Interoffice Transport - Add'l Mile Zone 3	ULNJS	$ 79.54	(1A)	$ 170.28	(1A)	$ 130
327			DS3 Interoffice Transport -Add'l Mile- Zone 4	ULNJS	$ 16.16	(1A)	$ 170.28	(1A)	$ 130
328			DS3 Interoffice Transport -Add'l Mile- Interzone	ULNJS	$ 21.08	(1A)	$ 170.28	(1A)	$ 130
329			OC3 Interoffice Transport - Term. Zone 1	ULNKS	$ 1,381.04	(3)	$ 562.41	(3)	$ 276
330			OC3 Interoffice Transport -Term. Zone 2 (Includes 1st Mile)	ULNKS	$ 1,461.22	(3)	$ 562.41	(3)	$ 276
331			OC3 Interoffice Transport -Term. Zone 3 (Includes 1st Mile)	ULNKS	$ 2,188.84	(3)	$ 562.41	(3)	$ 276
332			OC3 Interoffice Transport - Term.- Zone 4 (Includes 1st Mile)	ULNKS	$ 1,381.04	(3)	$ 562.41	(3)	$ 276
333			OC3 Interoffice Transport - Term.- Interzone (Includes 1st Mile)	ULNKS	$ 2,578.91	(3)	$ 562.41	(3)	$ 276
334			OC3 Interoffice Transport - Mile Zone 1	ULNKS	$ 27.85	(3)	$ 562.41	(3)	$ 276
335			OC3 Interoffice Transport - Mile Zone 2	ULNKS	$ 48.47	(3)	$ 562.41	(3)	$ 276
336			OC3 Interoffice Transport - Mile Zone 3	ULNKS	$ 175.76	(3)	$ 562.41	(3)	$ 276
337			OC3 Interoffice Transport - Mile - Zone 4	ULNKS	$ 27.85	(3)	$ 562.41	(3)	$ 276
338			OC3 Interoffice Transport - Mile - Interzone	ULNKS	$ 43.27	(3)	$ 562.41	(3)	$ 276
339			OC12 Interoffice Transport -Term. Zone 1	ULNLS	$ 5,238.16	(3)	$ 577.05	(3)	$ 297
340			OC12 Interoffice Transport - Term. Zone 2	ULNLS	$ 5,675.82	(3)	$ 577.05	(3)	$ 297
341			OC12 Interoffice Transport -Term. Zone 3	ULNLS	$ 8,048.17	(3)	$ 577.05	(3)	$ 297
342			OC12 Interoffice Transport -Term - Zone 4	ULNLS	$ 5,238.16	(3)	$ 577.05	(3)	$ 297
343			OC12 Interoffice Transport -Term - Interzone	ULNLS	$ 9,804.49	(3)	$ 577.05	(3)	$ 297
344			OC12 Interoffice Transport - Mile Zone 1	ULNLS	$ 111.40	(3)	$ 577.05	(3)	$ 297
345			OC12 Interoffice Transport - Mile Zone 2	ULNLS	$ 193.85	(3)	$ 577.05	(3)	$ 297
346			OC12 Interoffice Transport - Mile Zone 3	ULNLS	$ 703.03	(3)	$ 577.05	(3)	$ 297

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347			OC12 Interoffice Transport -Mile - Zone 4	ULNLS	$ 111.40	(3)	$ 577.05	(3)	$ 297
348			OC12 Interoffice Transport -Mile - Interzone	ULNLS	$ 173.08	(3)	$ 577.05	(3)	$ 297
349			OC48 Interoffice Transport - Urban Term.	ULNNS	ICB	(2)	ICB	(2)	ICB
350			OC48 Interoffice Transport - Suburban Term.	ULNNS	ICB	(2)	ICB	(2)	ICB
351			OC48 Interoffice Transport - Rural Term.	ULNNS	ICB	(2)	ICB	(2)	ICB
352			OC48 Interoffice Transport -Term. Interzone	ULNNS	ICB	(2)	ICB	(2)	ICB
353			OC48 Interoffice Transport - Urban Mile	ULNNS	ICB	(2)	ICB	(2)	ICB
354			OC48 Interoffice Transport - Suburban Mile	ULNNS	ICB	(2)	ICB	(2)	ICB
355			OC48 Interoffice Transport - Rural Mile	ULNNS	ICB	(2)	ICB	(2)	ICB
356			OC48 Interoffice Transport - Interzone Mile	ULNNS	ICB	(2)	ICB	(2)	ICB
357		Dedicated Transport Cross Connect	Voice Grade 2W	UCXV2	$ 2.88	(3)	$ 47.38	(3)	$ 35
358			VG 4W	UCXV4	$ 4.05	(3)	$ 53.06	(3)	$ 38
359			DS1	UCXHX	$ 12.00	(2)	$ 74.25	(2)	$ 71
360			DS3	UCXJX	$ 30.08	(1)	$ 54.98	(1)	$ 42
361			OC3	UCKKX	$ 50.00	(3)	$ 233.77	(3)	$ 115
362			OC12	UCXLX	$ 50.00	(3)	$ 239.85	(3)	$ 124
363			OC48	UCXNX	ICB	(2)	ICB	(2)	ICB
364		Digital Cross-Connect System	DS0 DCS Port	(UDU5X) Under Development	$ 13.70	(2)	$ 24.30	(2)	None
365			DS1 DCS Port	UDUDX	$ 45.14	(2)	$ 42.32	(2)	None
366			DS3 DCS Port	(UDU3X) Under Development	$ 490.05	(2)	$ 32.00	(2)	None
367			DCS Establishment	SEPU3	None	(2)	$ 1,291.50	(2)	None
368			Database Modification	NR9U4	None	(2)	$ 65.33	(2)	None
369			Reconfiguration Charge	Not Applicable	None	(2)	$ 0.94	(2)	None
370		Multiplexing	VG to DS1	UM4BX	$ 180.00	(2)	$ 195.00	(2)	$ 120
371			DS1 to DS3	UM4AX	$ 815.00	(2)	$ 1,029.00	(2)	$ 609
372		SS7 Links - Cross Connect	STP to Collo Cage - DS0 (all zones)	5-state billed in IBIS	$ 74.20	(2)	$ 224.85	(2)	$ 151
373			STP to Collo Cage - DS1 (all zones)	5-state billed in IBIS	$ 53.65	(2)	$ 192.75	(2)	$ 130
374			STP to SWBT TDF - DS0	5-state billed in IBIS	$ 42.58	(3)	$ 67.24	(3)	$ 64
375			STP to SWBT SDX Frame - DS1	5-state billed in IBIS	$ 30.89	(3)	$ 75.12	(3)	$ 72

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376		Unbundled Signaling	STP Access Connection 1.544 Mbps - Fixed	IBIS billed	$ 38.15	(3)	None	(3)	None
377			STP Access Connection 1.544 Mbps - per mile	IBIS billed	(included in rate above)	(3)	None	(3)	None
378			STP Access Link 56 Kbps per link	IBIS billed	$ 100.16	(3)	None	(3)	None
379			STP Access Link 56 Kbps per mile	IBIS billed	$ 0.91	(3)	None	(3)	None
380			SS7 Transport per octet	IBIS billed	$ 0.0000006	(1A)	None	(1A)	None
381			SS7 Signaling Transport per call	ZZUU7	$ 0.000060	(3)	None	(3)	None
382			STP Port per port	PT8SX - IBIS billed	$ 391.70	(1A)	$ 217.14	(1A)	None
383			Point Code Addition per STP pair	IBIS billed	None	(3)	$ 12.57	(3)	$12.57
384			GTT Title Translation - Simple	Under development	None	(3)	$ 1.01	(3)	$1.01
385			GTT Title Translation - Complex	Under development	None	(3)	ICB	(3)	ICB
386		Line Information Database - Validation and CNAM	Validation Query	Not Applicable	$0.00	(2)	None	(2)	None
387			CNAM Service Query	Not Applicable	$0.00	(2)	None	(2)	None
388			Query Transport	Not Applicable	$0.00	(2)	None	(2)	None
389			Service Order Charge	Not Applicable	$0.00	(2)	None	(2)	None
390			Line Validation Administration System	Not Applicable	None	(2)	None	(2)	None
391		Toll Free Database per Message/Query	800 Query - Simple	Not Applicable	$ 0.000254	(1)	None	(1)	None
392			Designated 10-Digit Translation	Not Applicable	$0.00	(1)	None	(1)	None
393			Call Validation	Not Applicable	$0.00	(1)	None	(1)	None
394			Call Handling and Destination (Toll-Free-800 Addition)	Not Applicable	$ 0.000034	(1)	None	(1)	None
395		OSS	System Access	Not a UNE	$3,345.00	(6)	None	(6)	None
396			Remote Facility per port - Direct Connections	Not a UNE	$1,580.00	(6)	None	(6)	None
397			Remote Facility per port - Dial-up Connection	Not a UNE	$316.00	(6)	None	(6)	None
398		Directory Assistance	DA per call	ZZUO3/ZZU04	$ 0.3700		None		None
399			DACC - rate per completed call	ZZUO7	$ 0.1500		None		None
400			Non-Published EMS	Not Applicable	$ 2.10		None		None
401		Access to DS DB - Direct Access	DB Service	Not Applicable	ICB		None		None
402			Direct Access, per search	Not Applicable	ICB		None		None
403			Service Establishment	Not Applicable	ICB		None		None
404		Operator Services Call Completion Services	Operator Assisted and Semi-Auto per work sec.	ZZUO2	$ 0.0200		None		None
405			All Fully-Auto per call	ZZUO1	$ 0.1500		None		None

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406		UNE/Facility Based Call Branding (DA/OS)	Per branded call	ZZUCB	$ 0.0250		None		None
407			Per load/change per TOPS switch per brand	NRBDG	None		$ 3,000.00		None
408		Resale Call Branding (DA/OS)	Per branded call	ZZUCB	$ 0.0250		None		None
409			Per load/change per TOPS switch per brand	NRBDG	None		$ 3,000.00		None
410		UNE/Facility Based Rate/Reference Info	Per load//TOPS switch	NRBDL	None		$ 2,200.00		None
411			Per change/TOPS switch	NRBDM	None		$ 1,000.00		None
412		Resale Rate/Reference Info	Per load/TOPS switch	NRBDL	None		$ 2,200.00		None
413			Per change/TOPS switch	NRBDM	None		$ 1,000.00		None
414		Service Order Charges - Unbundled Elements	**Electronic UNE Service Order Charge**						
415			New Simple - Electronic	NR9W2	None	(1)	$ 5.00	(1)	None
416			Change Simple - Electronic	NR9GG	None	(1)	$ 5.00	(1)	None
417			Record Simple - Electronic	NR9GU	None	(1)	$ 5.00	(1)	None
418			Disconnect Simple - Electronic	NR9GZ	None	(1)	$ 5.00	(1)	None
419			Suspend Simple - Electronic	NRBJ5	None	(1)	$ 5.00	(1)	None
420			Restore Simple - Electronic	NRBJ6	None	(1)	$ 5.00	(1)	None
421			Expedited Simple - Electronic	(NR9W2)	None	(1)	$ 5.00	(1)	None
422			Customer Not Ready Simple - Electronic	(NR9W2)	None	(1)	$ 5.00	(1)	None
423			Due Date Change or Cancellation Simple - Electronic	(NR9W2)	None	(1)	$ 5.00	(1)	None
424			**Mechanized/Manual UNE Service Order Charge**						
425			New Simple	NRBUQ	None	(2)	$0.00	(2)	None
426			New Complex	NRBUR	None	(2)	$0.00	(2)	None
427			Change Simple	NRBUO	None	(2)	$0.00	(2)	None
428			Change Complex	NRBUP	None	(2)	$0.00	(2)	None
429			Record Simple	NRBUU	None	(2)	$0.00	(2)	None
430			Record Complex	NRBUV	None	(2)	$0.00	(2)	None
431			Disconnect Simple	NRBUW	None	(2)	$0.00	(2)	None
432			Disconnect Complex	NRBUX	None	(2)	$0.00	(2)	None
433			Suspend Simple	NRBJZ	None	(2)	$0.00	(2)	None
434			Suspend Complex	NRBJ7	None	(2)	$0.00	(2)	None
435			Restore Simple	NRBJ9	None	(2)	$0.00	(2)	None
436			Restore Complex	NRBJ8	None	(2)	$0.00	(2)	None
437			Expedited Simple	(NRBUQ)	None	(2)	$0.00	(2)	None

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438			Expedited Complex	(NRBUR)	None	(2)	$0.00	(2)	None
439			Customer Not Ready Simple	(NRBUQ)	None	(2)	$0.00	(2)	None
440			Customer Not Ready Complex	(NRBUR)	None	(2)	$0.00	(2)	None
441			Due Date Change or Cancellation Simple	(NRBUQ)	None	(2)	$0.00	(2)	None
442			Due Date Change or Cancellation Complex	(NRBUR)	None	(2)	$0.00	(2)	None
443			PIC Change Charge	NRBL9	None	(4)	$5.83	(4)	$1.52
444		Maintenance of Service Charges	Basic Time - per half hour	MVV	None	(4)	$ 30.93	(4)	$ 21
445			Overtime - per half hour	MVV	None	(4)	$ 36.35	(4)	$ 26
446			Premium Time - per half hour	MVV	None	(4)	$ 41.77	(4)	$ 32
447		Time and Materials Charges	Basic Time - per half hour	ALK,ALH,ALT	None	(4)	$ 30.93	(4)	$ 21
448			Overtime - per half hour	ALK,ALH,ALT	None	(4)	$ 36.35	(4)	$ 26
449			Premium Time - per half hour	ALK,ALH,ALT	None	(4)	$ 41.77	(4)	$ 32
450		Nonproductive Dispatch Charges	Basic Time - per half hour	MVV	None	(4)	$ 30.93	(4)	$ 21
451			Overtime - per half hour	MVV	None	(4)	$ 36.35	(4)	$ 26
452			Premium Time - per half hour	MVV	None	(4)	$ 41.77	(4)	$ 32
453		Miscellaneous	Performance Data	Not Applicable	ICB	(2)	ICB	(2)	ICB
454			Special Request Processing	Not Applicable	ICB	(2)	ICB	(2)	ICB
455			Local Discount Report - LDR per WTN (Facility Based/Resale)	CRIS	$ 0.08		None		None
456		Dark Fiber - Interoffice	Dark fiber to Collo Cross-Connect	UCXPX	$ 1.71	(3)	$ 65.87	(3)	$ 48
457			Dark Fiber - Termination	Not Applicable	$ 4.50	(1)	$ 42.52	(1)	28.41
458			Dark Fiber Foot Zone 1	ULNCF	$ 0.002085	(1)	None	(1)	None
459			Dark Fiber Foot Zone 2	ULNCF	$ 0.003156	(1)	None	(1)	None
460			Dark Fiber Foot Zone 3	ULNCF	$ 0.004752	(1)	None	(1)	None
461			Dark Fiber Foot Zone 4	ULNCF	$ 0.002085	(1)	None	(1)	None
462		Mutual Licensing DA Listings	Per listing Initial & Subsequent	Not Applicable	None		$ 0.0585		None
463		BCR	Per local message	Not Applicable	$ 0.080	(4)	None	(4)	None
464			Per interstate local message	Not Applicable	$ 0.050	(4)	None	(4)	None
465		Clearinghouse	Per originating message	Not Applicable	$ 0.020	(4)	None	(4)	None
466			Per end user message billed	Not Applicable	$ 0.050	(4)	None	(4)	None
467		Recording	Recording/Access Usage Record	Not Applicable	$0.00	(4)	None	(4)	None
468			Assembly and Editing per Message	Not Applicable	$0.00	(4)	None	(4)	None
469			Rating per Message	Not Applicable	$0.00	(4)	None	(4)	None
470			Message Processing per Message	Not Applicable	$0.00	(4)	None	(4)	None
471			Provision of Message Detail per record	Not Applicable	$0.00	(4)	None	(4)	None

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472			Source Info Provided per record furnished - meet point billing applicable	Not Applicable	$0.00	(4)	None	(4)	None
473			Source Info Provided per record furnished - meet point billing not applicable	Not Applicable	$0.00	(4)	None	(4)	None
474		Hosting	Full Status RAO Company - Hosting Company Network per billable msg	Not Applicable	$ 0.0020	(4)	None	(4)	None
475			Full Status RAO Company - Nat'l CMDS Network per billable mssg	Not Applicable	$ 0.0050	(4)	None	(4)	None
476			Non-Full Status RAO Company - Hosting Company Network per billable mssg	Not Applicable	$ 0.0100	(4)	None	(4)	None
477			Non-Full Status RAO Company - Nat'l CMDS Network per billable mssg	Not Applicable	$ 0.0070	(4)	None	(4)	None
478			Non-Full Status RAO Company - Delivery per record charge per billable mssg.	Not Applicable	$ 0.0030	(4)	None	(4)	None
479		E911	Feature per 1000 lines - ANI to SWBT PSAP	Not Applicable	$ 10.00	(4)	$ 80.00	(4)	None
480			Feature per 1000 lines - ANI to Non-SWBT PSAP	Not Applicable	$ 10.00	(4)	$ 80.00	(4)	None
481			Feature per 1000 lines - ANI and Selective Routing to SWBT PSAP	Not Applicable	$ 51.60	(4)	$ 85.00	(4)	None
482			Feature per 1000 lines - ANI and Selective Routing to Non-SWBT PSAP	Not Applicable	$ 51.60	(4)	$ 85.00	(4)	None
483			Feature per 1000 lines - ANI and ALI to SWBT PSAP	Not Applicable	$ 83.60	(4)	$ 85.00	(4)	None
484			Feature per 1000 lines - ANI and ALI to Non-SWBT PSAP	Not Applicable	$ 83.60	(4)	$ 85.00	(4)	None
485			Feature per 1000 lines - ANI, SR and ALI to SWBT PSAP	Not Applicable	$ 83.60	(4)	$ 85.00	(4)	None
486			Feature per 1000 lines - ANI, SR and ALI to Non-SWBT PSAP	Not Applicable	$ 83.60	(4)	$ 85.00	(4)	None
487			Trunk Charge per channel	Not Applicable	$ 58.00	(4)	$ 170.00	(4)	None
488		**RECIPROCAL COMPENSATION**							
489			**End Office Local Termination - Zone 1**						
490			Set up charge, per call	ZZUR8	$ 0.002164				
491			Duration charge, per MOU	ZZUR2	$ 0.001309				
492			**End Office Local Termination - Zone 2 Suburban**						
493			Set up charge, per call	ZZUR8	$ 0.002602				
494			Duration charge, per MOU	ZZUR2	$ 0.001575				
495			**End Office Local Termination - Zone 3 Rural**						

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Line	Change/ Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurri Rate Additio	
496			Set up charge, per call	ZZUR8	$ 0.003748					
497			Duration charge, per MOU	ZZUR2	$ 0.002269					
498			**End Office Local Termination - Zone 4 - Springfield**							
499			Set up charge, per call	ZZUR8	$ 0.003193					
500			Duration charge, per MOU	ZZUR2	$ 0.001933					
501			**Tandem Switching**							
502			Set up charge, per call		$ 0.002768					
503			Duration charge, per MOU	ZZUR1	$ 0.000642					
504			**Common Transport**							
505			Termination per Minute of Use Zone 1 (Urban STL, KS)	ZZUST	$ 0.0001900					
506			Termination per Minute of Use Zone 2 (Suburban)	ZZUST	$ 0.0002850					
507			Termination per Minute of Use Zone 3 (Rural)	ZZUST	$ 0.0003020					
508			Termination per Minute of Use Zone 4 (Suburban Springfield)	ZZUST	$ 0.0001620					
509			Termination per Minute of Use Interzone	ZZURF	$ 0.0003320					
510			Facilities per Minute, per Mile Zone 1 (Urban)	ZZURF	$ 0.0000017					
511			Facilities per Minute, per Mile Zone 2 (Suburban)	ZZURF	$ 0.0000070					
512			Facilities per Minute, per Mile Zone 3 (Rural)	ZZURF	$ 0.0000151					
513			Facilities per Minute, per Mile Zone 4 (Suburban Springfield)	ZZURF	$ 0.0000010					
514			Facilities per Minute, per Mile Interzone	ZZURF	$ 0.0000035					
515		Tandem Switching	Tandem Switching Per Minute of Use	Not Applicable	$ 0.001510		None		None	
516		Common Transport	Common Transport -Termination per Minute of Use Zone 1 (Urban STL, KS)	Not Applicable	$ 0.000190		None		None	
517			Common Transport -Termination per Minute of Use Zone 2 (Suburban)	Not Applicable	$ 0.000285		None		None	
518			Common Transport- Termination per Minute of Use Zone 3 (Rural)	Not Applicable	$ 0.000302		None		None	
519			Common Transport- Termination per Minute of Use Zone 4 (Suburban Springfield)	Not Applicable	$ 0.000162		None		None	
520			Common Transport- Termination per Minute of Use Interzone	Not Applicable	$ 0.000332		None		None	
521			Common Transport-Facilities per Minute, per Mile Zone 1 (Urban)	Not Applicable	$ 0.000002		None		None	

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Line	Change/ Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurri Rate Additio
522			Common Transport-Facilities per Minute, per Mile Zone 2 (Suburban)	Not Applicable	$ 0.000007		None		None
523			Common Transport-Facilities per Minute, per Mile Zone 3 (Rural)	Not Applicable	$ 0.000015		None		None
524			Common Transport-Facilities per Minute, per Mile Zone 4 (Suburban Springfield)	Not Applicable	$ 0.000001		None		None
525			Common Transport-Facilities per Minute, per Mile Interzone	Not Applicable	$ 0.000003		None		None
526		Local Switching	Local Switching-Per Originating or Terminating MOU Zone 1 (Urban STL, KS)	Not Applicable	$ 0.001988		None		None
527			Local Switching-Per Originating or Terminating MOU Zone 2 (Suburban)	Not Applicable	$ 0.002391		None		None
528			Local Switching-Per Originating or Terminating MOU Zone 3 (Rural)	Not Applicable	$ 0.003444		None		None
529			Local Switching-Per Originating or Terminating MOU Zone 4 (Urban Springfield)	Not Applicable	$ 0.002934		None		None
530		Transiting	Transiting-Zone 1 (Urban STL, KS)	Not Applicable	$ 0.001712		None		None
531			Transiting-Zone 2 (Suburban)	Not Applicable	$ 0.001844		None		None
532			Transiting-Zone 3 (Rural)	Not Applicable	$ 0.001918		None		None
533			Transiting-Zone 4 (Urban Springfield)	Not Applicable	$ 0.001679		None		None
534			Transiting-OCA (Optional Area)	Not Applicable	n/a		None		None
535			Transiting-Out of Region	Not Applicable	$ 0.006000		None		None
536		OCA	OCA Transport & Termination	Not Applicable	n/a		None		None
537		White Pages Info Pages	Information Pages per year per book (Zone 1)	Not Applicable	None	(13)	$ 3,191.73	(13)	None
538			Information Pages per year per book (Zone 2)	Not Applicable	None	(13)	$ 168.09	(13)	None
539			Information Pages per year per book (Zone 3)	Not Applicable	None	(13)	$ 75.59	(13)	None
540		White Pages Delivery	Delivery to LSP in bulk, per book, Zone 1	Not Applicable	None	(13)	$4.46	(13)	None
541			Delivery to LSP in bulk, per book, Zone 2	Not Applicable	None	(13)	$1.29	(13)	None
542			Delivery to LSP in bulk, per book, Zone 3	Not Applicable	None	(13)	$1.26	(13)	None
543			Delivery to End User, per book, Zone 1	Not Applicable	None	(13)	$6.48	(13)	None
544			Delivery to End User, per book, Zone 2	Not Applicable	None	(13)	$2.50	(13)	None
545			Delivery to End User, per book, Zone 3	Not Applicable	None	(13)	$2.81	(13)	None

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Line	Change/ Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurri Rate Additio
546			Subsequent Order & Delivery, per book- all zones	Not Applicable	None	(13)	$10.00	(13)	None
547		Poles, Ducts, and Conduit	Pole Attachment per pole per year	Not Applicable	$ 2.35	(1)	None	(1)	None
548			Conduit Space, per duct foot per year	Not Applicable	$ 0.40	(1)	None	(1)	None
549			Inner Duct, per duct foot per year	Not Applicable	$ 0.205	(1)	None	(1)	None
550			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
551		INP Remote	Per line	Not Applicable	None	(1)	None	(1)	None
552			Add'l Path	Not Applicable	None	(1)	None	(1)	None
553		INP Direct	Number	Not Applicable	None	(1)	None	(1)	None
554			Trunk Termination	Not Applicable	None	(1)	None	(1)	None
555			D4 Channel Bank	Not Applicable	None	(1)	None	(1)	None
556			DID Nonrecurring per #	Not Applicable	None	(1)	None	(1)	None
557			DID Nonrecurring Transport per MOU	Not Applicable	None	(1)	None	(1)	None
558			Conversion Order Charges for Resold Services						
559			Mechanized Simple	CRIS	None	(1)	$ 5.00	(1)	None
560			Mechanized Complex	CRIS	None	(1)	$ 5.00	(1)	None
561			Simple Manual	CRIS	None	(1)	$ 5.00	(1)	None
562			Complex Manual	CRIS	None	(1)	$ 5.00	(1)	None
563		NXX Migration per NXX	NXX Migration per NXX	Not Applicable	None	(2)	$ 12,940.00	(2)	None
564		Local Disconnect Report	Local Disconnect Report	Not Applicable	$ 0.003	(4)	None	(4)	None
565		Central Office Access Charge	Residential	Not Applicable	None	(5)	$ 16.35	(5)	None
566			Business	Not Applicable	None	(5)	$ 21.30	(5)	None
567	(1) Permanent TELRIC Based rates from final Missouri Commission order in TO-97-40								
568									
569	(1A) Permanent TELRIC based rates from Final Missouri Commission order in TO-97-40, Less Voluntary reductions.								
570									
571	(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.								
572									
573	(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.								
574									
575	(4) Based on Missouri Tariff rates and or taken from SWBT/CLEC Missouri Interconnection Agreements filed with an approved by the Missouri PSC.								
576									

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Line	Change/ Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurri Rate Additic	
577	(5) Texas Tariff based rate.									
578										
579	(6) Rates are zero until October 7th, 2002.									
580										
581	(7) Pursuant to the Missouri Arbitration Order Case #TO-2000-322, this price changed to $0 on August 1, 2000.									
582										
583	(8) Effective August 1, 2000, manual loop make up information price changed to the rate of $84.15.									
584										
585	(9) SWBT rates for Cross Connects above are final & are not interim or subject to retroactive true up.									
586										
587	(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.									
588										
589	(11) Must be at same location & performed at the same time.									
590										
591	(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.									
592	(14) Interim prices subject to true-up to the permanent Line Sharing rates established by the Missouri Public Service Commission in Case No. TO-2001-440 or another appropriate case.									
593										
594	(15) Settlement agreement on 2-Wire analog UNE-P new & move orders until October 13, 2003.									

ATTACHMENT 14: INTERIM NUMBER PORTABILITY

1.0   **Interim Number Portability**

1.1   SWBT and CLEC will provide Interim Number Portability in accordance with requirements of the Act. Interim Number Portability (INP) will be provided by each Party to the other upon request. INP will be provided with minimum impairment of functionality, quality, reliability and convenience to subscribers of CLEC or SWBT. The Parties will provide Permanent Number Portability (PNP), in conformance with FCC rules.

2.0   **Non-Geographical Numbers**

2.1   Neither Party will be required to provide Interim Number Portability for non-geographic services (e.g., 500 and 900 NPAs) or on COPT or SmartCoin lines under this Agreement, unless otherwise ordered by the FCC**.**

3.0   **Availability**

3.1   INP will be made available to either Party by the other on a reciprocal basis. INP will be provided through INP-Remote (remote call forwarding or like service) or INP-Direct (direct inward dialing trunks or like service). The requesting Party will specify either INP-Remote, or INP-Direct, on a per telephone number basis, and the providing Party will provide such method to the extent technically feasible.

4.0   **INP-Remote**

4.1   INP-Remote is a service that uses existing remote call forwarding technology to provide INP by redirecting calls within the telephone network. When INP-Remote is used, calls to the ported number will first route to the original local service provider's switch to which the ported number was assigned. Such Party's switch will then forward the call to the assigned number of the new local service provider's end user customer. When more than a total of 3 paths are required to handle simultaneous calls to the same ported telephone number, the requesting Party will order from the providing Party additional paths.

5.0   **INP-Direct**

5.1   INP-Direct is an existing service which uses DID or like technology to provide for the delivery of the calling (dialed) number to the requesting Party's switch for subsequent routing and call completion.

5.2   INP-Direct is available either on a per voice grade channel basis or a per DS1 (24 equivalent voice grade channels) basis.

5.3   Where the location of the requesting Party's switch is outside the area served by the providing Party's switch, the requesting Party is responsible for providing appropriate transport facilities.

5.4   INP-Direct must be established with a minimum configuration of 2 voice grade channels and one unassigned telephone number per switch. INP-Direct may not be mixed with any other type of trunk group. Outgoing calls may not be placed over trunk groups arranged for INP-Direct service.

6.0   Other Interim Portability Provisions

6.1   Either Party will exchange with the other SS7 TCAP messages as required for the implementation of Customer Local Area Signaling Services (CLASS) or other features available.

6.2   Either Party will notify the other of any technical or capacity limitations that would prevent use of a requested INP implementation in a particular switching office.

6.3   SWBT will cooperate with CLEC to ensure 911 service is fully available to ported end users consistent with state provisions. CLEC will have the right to verify the accuracy of the information regarding the CLEC customer in the ALI database.

6.4   Either Party will pass all Calling Party Number (CPN) or Automatic Number Identification (ANI) information to and from the ported number, whenever technically feasible.

6.5   SWBT will provide CLEC with interfaces that allow CLEC to access SWBT's Line Information Database (LIDB) service management system (SMS). These interfaces will allow CLEC to create, modify, and delete CLEC line records for ported numbers. SWBT will provide interfaces to the LIDB SMS to accomplish this function as set forth in Attachment 7, Section 1.7.1.1. If there is no change to the customer's existing LIDB functionality (e.g., collect/third party call blocking) SWBT should not remove the existing customer data. SWBT also will not delete the Directory Listings database information associated with the customer unless requested by CLEC. SWBT will use a mechanized process to ensure that SWBT's LIDB information for the end user is not deleted during the process of converting that customer to service provided by a CLEC through INP. In addition, for directory listings, when CLEC submits local service requests (LSRs) for UNE loop and port combinations "as specified" or for "stand alone" UNE switch ports, CLEC will have the option of whether to populate the LSR Directory Listing ("DL") Form. Under these circumstances, SWBT will treat non-submission of the DL form as an instruction to SWBT that CLEC's end-user listing(s) is to remain the same as the listing(s) currently appears in SWBT's directory listing databases.

6.6   SWBT agrees not to issue Telephone Line Number (TLN) based calling card numbers when a customer ports their number to CLEC.

6.7   SWBT and CLEC will cooperate in all service cutovers involving the other Party's service, to avoid unnecessary service outages.

6.8   Each Party will provide competitively neutral cost recovery as defined by the Commission which reflects the FCC NP Order.

7.0   Route Index Methods of INP

7.1   SWBT will provide, where LNP is not available, either or both Route Index Portability Hub (RI-PH) or Directory Number-Route Index (DN-RI) INP methods to any CLEC who requests them, subject to the requesting CLEC(s) paying reasonable developmental and implementation cost.

8.0   NXX Migration (LERG Reassignment)

8.1   Where a Party has activated more than half of an NXX and the remaining numbers in that NXX are either unassigned or reserved for future use, at the request of that Party it may elect to employ NXX Migration. NXX Migration will be provided by utilizing reassignment of the NXX to the requesting Party through the Local Exchange Routing Guide (LERG). When NXX migration is used as an INP solution, each party shall absorb its own costs.

9.0   Cutover Process

9.1   For a Coordinated Cutover Environment (where the loop is being purchased by CLEC as an unbundled Network Element at the time of INP implementation), SWBT will update switch translations where necessary as close to the requested time as possible, not to exceed 30 minutes after the physical cutover is completed.

9.2   For a Non-Coordinated Cutover Environment (where the loop is supplied by CLEC) SWBT will schedule a mechanized update of switch translations at the CLEC requested cutover time (frame due time). SWBT will provide an operation contact whom CLEC can reach in the event manual intervention is needed to complete the cutover. In the event of manual intervention, completion will be negotiated by the parties.

10.0   Testing

10.1   SWBT and CLEC will cooperate in conducting testing to ensure interconnectivity between systems. The Parties will inform each other of any system updates that may affect either Party's network and will perform tests to validate the operation of the network.

11.0   Recording and Billing

11.1   The Parties will provide to each other the Exchange Message Records (EMR) for all alternately billed calls.

11.2   The Parties will supply each other with originating billing records which will enable them to bill each other or any other LSP for any local interconnection charge.

12.0   Line Status Verification/Busy Line Verify

12.1   When a Line Status Verification or Busy Line Interrupt request for a ported number is directed to either Party's operator and the query is not successful if the operator is aware that the number is a ported number, then the operator will direct the caller to the appropriate operator.

13.0   Pricing

13.1   SWBT and CLEC will absorb their own costs of providing INP. Because all parties will be absorbing their own costs, the charges listed below are zero.

        INP Remote:
            Per line   None
            Add'l Path   None
        INP Direct:
            Number   None
            Trunk Termination   None
            D4 Channel Bank   None
            DID Nonrecurring per #   None
            DID Nonrecurring Transport per MOU   None

14.0   Additional INP Commitments

14.1   SWBT agrees to provide information on its internet website relating to conversions from INP to LNP as well as host forums with CLEC customers to discuss number portability issues.

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.