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 <u>General Description and Terms</u>

9.4.4.2.1 SWBT's LIDB is connected directly to a service management system (i.e., LVAS), a database editor (i.e., LIDB Editor), and a tape load facility. Each of these facilities, processes, or systems, provide SWBT with the capability of creating, modifying, changing, or deleting, line/billing records in LIDB. SWBT's LIDB is also connected directly to an adjunct fraud monitoring system (i.e., Sleuth).

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

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

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

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

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

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

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

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

9.4.4.3 Line Validation Administration System (LVAS)

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

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

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

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

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

9.4.4.4 Service Order Entry Interface

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

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

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

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

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

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

9.4.4.5 Interactive Interface

9.4.4.5.1 The Interactive Interface provides CLEC with unbundled access to SWBT's LVAS that is equivalent to SWBT's access at its LIDB DBAC. Interactive Interface provides CLEC with the ability to have its own personnel access CLEC's records via an application screen that is presented on a computer monitor. Once CLEC has accessed one of its line/billing records, CLEC can perform all of the data administration tasks SWBT's LIDB DBAC personnel can perform on SWBT's own line/billing records.

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

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

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

9.4.4.6 Tape Load Facility Interface

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

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

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

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

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

9.4.4.6.6 In addition to the tapes CLEC will create and deliver to the SCP node locations, CLEC will deliver an additional set of tapes to the LVAS System Administrator so that SWBT can load CLEC's updates into LVAS. CLEC understands that these additional tapes must contain information identical to the tapes delivered to the SCP nodes, but that the format will differ. SWBT will provide CLEC SWBT-specific documentation for record formats of these additional tapes. SWBT will use these tapes to create CLEC records in LVAS that correspond with the records being loaded

into LIDB using the Tape Load Facility Interface. SWBT will provide CLEC with the name and address of the SWBT System Administrator to whom the LVAS update tapes should be sent.

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

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

9.4.4.7 LIDB Editor Interface

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

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

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

9.4.5 Audits

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

9.4.5.1 LIDB Audit

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

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

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

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

9.4.5.2 Billing System Audit

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

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

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

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

9.4.5.2.4.1 Scheduled Audits:

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

9.4.5.2.4.2 Unscheduled Audits:

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

9.4.6 Sleuth

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

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

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

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

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

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

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

9.4.7 Technical Requirements

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

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

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

9.5 CNAM Service Query

9.5.1 Definitions

9.5.1.1 Calling Name Delivery Service (CNDS) enables the terminating end user to identify the calling party by a displayed name before the call is answered. The calling party's

name is retrieved from an SCP database and delivered to the end user's premises between the first and second ring for display on compatible customer premises equipment (CPE). CLEC will be charged for CNAM Service Queries in the event that CLEC is operating its own switch. In the event that CLEC is using SWBT's switch, no charge is made for any CNAM Service Query in addition to applicable unbundled Local Switching charges.

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

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

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

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

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

9.5.2 Description of Service

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

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

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

and procedures. Such management controls will be applied to the specific problem source to the extent technically feasible.

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

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

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

9.5.3 Ownership of the Calling Name Information

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

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

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

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

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

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

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

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

9.5.3.8 The Parties acknowledge that each Calling Name database limits the Calling Name information length to fifteen (15) characters. As a result, the Calling Name information provided in a response to a Query may not reflect a subscriber's full name. Name records of residential local telephone subscribers will generally be stored in the form of last name followed by first name (separated by a comma or space) to a maximum of fifteen (15) characters. Name records of business local telephone subscribers will generally be stored in the form of the first fifteen (15) characters of the listed business name that in some cases may include abbreviations. The Parties also acknowledge that certain local telephone service subscribers of Name Record Administering Companies may require their name information to be restricted, altered, or rendered unavailable.

9.5.3.9 The Parties acknowledge that certain federal and/or state regulations require that local exchange telephone companies make available to their subscribers the ability to block the delivery of their telephone number and/or name information to the terminating telephone when the subscriber originates a telephone call. This blocking can either be on a call-by-call basis or on an every call basis. Similarly, a party utilizing blocking services can unblock on a call-by-call or every call basis. CLEC will abide by information received in SS7 protocol during call set-up that the calling telephone service subscriber wishes to block or unblock the delivery of telephone number and/or

name information to a CNDS subscriber. CLEC agrees not to attempt to obtain the caller's name information by originating a query to SWBT's Calling Name database where the subscriber had attempted to block such information, nor will CLEC block information a subscriber has attempted to unblock.

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

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

9.6 Toll Free Number Database

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

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

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

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

9.6.5 In addition to the Toll Free Database query, there are three optional features available with 800-type service: Designated 10-Digit Translation, Call Validation and Call Handling and Destination. There is no additional charge for the Designated 10-Digit

Translation and Call Validation feature beyond the Toll Free Database query charge. When an 800-type call originates from an CLEC switch to the SWBT Toll Free Database, CLEC will pay the Toll Free Database query rate for each query received and processed by SWBT's database. When applicable, the charge for the Call Handling and Destination feature are per query and in addition to the Toll Free Database query charge, and will also be paid by CLEC. The Toll Free Database charges do not apply when CLEC uses SWBT's Unbundled Local Switching. These rates are reflected in Appendix Pricing UNE - Schedule of Prices under the label "Toll-Free Database".

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

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

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

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

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

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

9.6.9 CLEC will only use Access to the Toll Free Calling Database to determine the routing requirements for originating 800 calls. CLEC will not copy, store, maintain, or create any

table or database of any kind that is based upon a response to a query to SWBT's Toll Free Calling Database. If CLEC acts on behalf of other carriers to access SWBT's Toll Free Calling Database, CLEC will contractually prohibit such carriers from copying, storing, maintaining, or creating any table or database of any kind from any response provided by SWBT after a query to SWBT's Toll Free Calling Database.

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

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

9.7 AIN Call Related Database

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

9.7.2 SWBT will provide CLEC access to the SWBT's Service Creation Environment (SCE) to design, create, test and deploy AIN-based features, equivalent to the access it provides to itself, providing that security arrangements can be made. CLEC requests to use the SWBT SCE will be subject to request and review procedures to be agreed upon by the Parties.

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

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

9.7.5 SWBT will provide access to AIN Call Related databases in a nondiscriminatory and competitively neutral manner. Any mediation, static or dynamic, will only provide network reliability, protection, security and network management functions consistent with the access service provided. Any network management controls found necessary to protect the AIN SCP from an overload condition will be applied based on non-

discriminatory guidelines and procedures either (1) resident in the SWBT STP that serves the appropriate AIN SCP or (2) via manual controls that are initiated from SWBT Network Elements. Such management controls will be applied to the specific problem source, wherever that source is, including SWBT, and not to all services unless a problem source cannot be identified.

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

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

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

10.0 Operations Support Systems Functions

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

10.2 SWBT will provide CLEC access to its Operations Support Systems Functions through the electronic interfaces provided for in Attachment 7 (Pre-Ordering, Ordering, and Provisioning - UNE), Attachment 8 (Maintenance - UNE), Attachment 9 (Connectivity Billing and Recording - UNE), and Attachment 10 (Customer Usage Data - UNE), on the terms and conditions set forth in those Attachments. CLEC will pay the prices reflected on Appendix Pricing UNE - Schedule of Prices labeled "Operations Support Systems (OSS)".

11.0 Cross-connects

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

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

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

4. Cross connect to Switch Port

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

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

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

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

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

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

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

12.0 Additional Requirements Applicable to Unbundled Network Elements

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

12.1 Within 60 days of the Effective Date of this Agreement, CLEC and SWBT will agree upon a process to resolve technical issues relating to interconnection of CLEC's network to SWBT's network and Network Elements and Ancillary Functions. The agreed upon process will include procedures for escalating disputes and unresolved issues up through

higher levels of each company's management. If CLEC and SWBT do not reach agreement on such a process within 60 days, any issues that have not been resolved by the parties with respect to such process will be submitted to the Dispute Resolution procedures set forth in this Agreement unless both parties agree to extend the time to reach agreement on such issues.

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

12.2 Synchronization

12.2.1 Definition:

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

12.2.2 Technical Requirements

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

12.3 Co-operative Testing

12.3.1 Upon request, at Time and Materials charges as shown on Appendix Pricing UNE - Schedule of Prices, SWBT will provide to CLEC cooperative testing to test any network element provided by SWBT and to test the overall functionality of network elements provided by SWBT that are connected to one another or to equipment or facilities provided or leased by CLEC, to the extent SWBT has the ability to perform such tests. The cooperative testing provided for in this paragraph is exclusive of any maintenance service and related testing that SWBT is required to provide for unbundled Network Elements under Attachment 6 or Attachment 8.

13.0 Pricing

13.1 Price Schedules

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

14.0 Additional Provisions

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

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

14.2 SWBT will, except as provided elsewhere in Section 14, provide combinations of network elements to CLEC consistent with SWBT's obligations in this Agreement at the applicable charges set forth in this Agreement. For preexisting combined elements, where no manual work is required by SWBT in order to establish connections between the requested elements at the central office, an outside plant location, or the customer premises, SWBT will not apply a Central Office Access Charge but will apply all other recurring and nonrecurring charges applicable to the elements included in the combination, and the electronic service order charge. The pre-existing combined elements referred to in the preceding sentence include all orders included within the definition of "Contiguous Network Interconnection of Network Elements" in Attachment 7, sections 6.12 and 6.12.1. For new UNE combinations that are not within the above-referenced definition of "Contiguous Network Interconnection of Network Elements" and that require manual work by SWBT in order to establish connections between the requested elements at the central office, an outside plant location, or the customer premises, the applicable recurring and nonrecurring charges will apply, together with the Central Office Access Charge as shown in Appendix Schedule of Pricing-UNE. Such combinations may be referred to elsewhere in this Agreement as "new" combinations.

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

14.3.1 If the FCC or the Missouri Public Service Commission determines after this Agreement is executed by the Parties or has determined before this Agreement is executed by the Parties that a certain network element need not be provided under Section 251(c)(3) of the FTA, either statewide or in a particular location or locations, SWBT may set the price of such network element(s) at a market level for the applicable areas. SWBT will provide 60 days notice (in accordance with the Notice provision in the General Terms and Conditions of this Agreement) to CLEC that the FCC or the Missouri Public Service Commission has made such a determination. SWBT will include in the notice the specifics of any pricing changes and the implementation dates for the pricing changes applicable to CLEC. Existing nonrecurring prices will apply to any UNEs for which orders are received prior to midnight on the day preceding the date specified for the

pricing change. Application of the market level nonrecurring prices will apply beginning at 12:01 a.m. on the date specified for implementation. Application of the market level recurring charges will apply beginning at 12:01 a.m. on the date specified for implementation without regard to the time or date the orders were received by SWBT. A market price set by SWBT pursuant to this paragraph will not be subject to review, approval or disapproval by the Missouri PSC.

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

14.3.3 In those SWBT central offices where there are four (4) or more CLECs collocated for which SWBT has provided UNEs, SWBT may elect to not combine UNEs that are not already combined in that central office, *i.e.*, "new" combinations as defined in section 14.2. In that event, SWBT will request that CLEC provide a one (1) year forecast of its expected demand for UNEs in that central office which CLEC will combine outside of its existing or planned collocation arrangements. Within sixty (60) days of receipt of CLEC's forecast, SWBT will construct a secured frame room in the central office or, if space is not available, external cross connect cabinet until space becomes available in the central office at no additional cost to CLEC where CLEC may combine UNEs. If CLEC submits such a forecast, SWBT will continue to combine UNEs until the secured frame room or external cross connect cabinet is made available to CLEC. However, if at any time after a secured frame room or external cross connect cabinet is made available, SWBT is unable to meet CLEC's forecasted demand for UNEs to be combined through use of these arrangements due to a lack of capacity, SWBT will resume combining UNEs for CLEC on new combination orders until capacity can be provided. If CLEC fails to submit such a forecast, SWBT will no longer combine UNEs that are not already combined. CLEC can access the secured frame or the external cross-connect cabinet without having to collocate.

14.3.3.1 When a CLEC orders elements for combining at the secured frame or cabinet, SWBT will cross-connect those elements to the frame or cabinet at no additional charge to

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

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

14.3.3.3 A CLEC may order multiple elements on a single LSR for combining at the secured frame or external cabinet, in accordance with the terms and conditions for ordering and provisioning of UNEs as set out in Attachment 7, Ordering and Provisioning Unbundled Network Elements.

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

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

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

14.4.1 If the FCC or the Commission determines that a certain network element need not be provided under Section 251(c)(3) of the FTA, either statewide or in a particular location or locations, SWBT may set the price of such network element(s) at a market level for the applicable areas. SWBT will provide 60 days notice (in accordance with the Notice provision in the General Terms and Conditions of this Agreement) to CLEC that the FCC or the Missouri Public Service Commission has made such a determination. SWBT will include in the notice the specifics of any pricing changes and the implementation dates for the pricing changes applicable to CLEC. Existing nonrecurring prices will apply to any UNEs for which orders are received prior to midnight on the day preceding the date specified for the pricing change. Application of the market level nonrecurring prices will apply beginning at 12:01 a.m. on the date specified for implementation. Application of

the market level recurring charges will apply beginning at 12:01 a.m. on the date specified for implementation without regard to the time or date the orders were received by SWBT. To the extent that the FCC or Commission determination eliminates the obligation to supply an element at TELRIC rates as part of a platform of unbundled network elements, *i.e.*, a combination of elements sufficient to permit a CLEC to deliver end-to-end service to an end user customer without using CLEC equipment or facilities (other than operator services and directory assistance service that the CLEC may supply via customized routing), then, in pricing the unbundled network element platform under this provision, SWBT shall not increase the total price of the platform by more than twenty (20) percent each year.

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

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

authorizing access to the new element prescribes a different procedure for establishing terms and conditions of access, that procedure will govern.

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

14.7 Enhanced Extended Loop (EEL)

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

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

14.7.2 The dedicated transport facility will extend from CLEC customer's SWBT serving wire center to either CLEC's collocation cage in a different SWBT central office (in which case, no dedicated transport entrance facility is necessary) or to CLEC's point of access through a dedicated transport entrance facility. CLECs must order the dedicated transport facility, with any necessary multiplexing, from CLEC's collocation cage or CLEC's switch location to the wire center serving CLEC's end user customer. CLEC will order each loop as needed and provide SWBT with the Channel Facility Assignment (CFA) to the dedicated transport. For the loop UNE, the dedicated transport UNE, the cross-connects needed to combine the two, as well as any necessary multiplexing, ordering and provisioning will be pursuant to the ordering and provisioning terms and conditions for UNEs as set out in Attachment 7 of this Agreement. For the loop UNE, the dedicated transport UNE, the cross-connects needed to combine the two, as well as any necessary multiplexing, maintenance will be pursuant to the maintenance terms and conditions for UNEs as set out in Attachment 8 of this Agreement. SWBT will implement electronic ordering of EELs as specified in Attachment 7, Section 1.4.

14.7.3 Alternatively, CLEC may cross-connect unbundled loops with the unbundled dedicated transport facilities in its physical collocation space utilizing its own equipment or through the secured frame room in the central office, or if space is not available, in an external cross-connect cabinet until space becomes available in the central office. The restrictions on loop and transport facility type, and on CLEC services to be provided over the extended loop, that are contained in Section 14.7.1 regarding SWBT-combined EELs do not apply to the combinations assembled by CLECs under this subsection 14.7.3. CLEC can access the secured frame or the external cross connect cabinet without having to collocate. If CLEC elects the secured frame or cabinet option, CLEC will provide a rolling 12 month forecast, updated every six (6) months, of its expected demand for unbundled loops to be connected with the unbundled dedicated transport facilities in each central office in which CLEC will combine outside of its existing or planned collocation arrangements. Within sixty (60) days of receipt of CLEC's forecast for a given central office, SWBT will construct, at no additional cost to CLEC, a secured frame room in the central office, or, if space is not available, external cross connect cabinet until space becomes available in the central office, where CLEC may combine unbundled loops with the unbundled dedicated transport facilities. There will be no additional charge to the CLEC for SWBT extending loop and transport elements to the secured frame or cabinet. If CLEC submits such a forecast, SWBT will temporarily combine unbundled loops with the unbundled dedicated transport facilities until the secured frame room or external cross connect cabinet is made available to CLEC. When the secured frame room or external cross connect cabinet is made available, CLEC will, within ninety (90) days after providing a forecast for a particular central office or thirty (30) days after receiving appropriate terminal assignment information to place connections on the secured frame, whichever is later, replace the temporary connections made by SWBT, effectively half-tapping the existing temporary connections so that the temporary connection can be removed without interrupting the end user's service. When notified by CLEC that its connections are complete within the period described above, SWBT will remove its temporary connections. If CLEC fails to notify SWBT that it has placed its connections on the secured frame during that period, SWBT will charge CLEC the applicable special access recurring and nonrecurring rates, in lieu of the UNE rates. Such special access charges shall be retroactive to the date SWBT began combining the UNEs for CLEC pursuant to this paragraph. If at any time after a secured frame room or external cross connect cabinet is made available, SWBT is unable to meet CLEC's forecasted demand for use of these arrangements due to a lack of capacity, SWBT will again temporarily combine unbundled loops with the unbundled dedicated transport facilities as an interim arrangement for CLEC until capacity can be provided. When capacity is made available, temporary connections performed by SWBT will be removed as described above. If a CLEC is located at an external cross connect cabinet because SWBT ran out of space in a central office, once there is additional space available in the central office, and a CLEC requests to move to the secured frame room, there will be no charge to the CLEC for moving. Such move shall be coordinated to minimize service disruption to the customer.

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

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

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

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

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

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 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.

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Line	Change/ Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurring Rate Additional		Subsequent Changes
1		**UNBUNDLED NETWORK ELEMENTS**									
2			**UNE**								
3			**Network Interface Device**								
4		Local Loops	Disconnect Loop from inside wiring, per NID	NRBND	None	(1)	$ 23.00	(1)	$ 14.32	(1)	
5			**Unbundled Loops**								
6			2W Analog Zone 1	U21/RB9	$ 12.71	(1)	$ 19.55	(1)	$ 8.32	(1)	
7			2W Analog Zone 2	U21/RB9	$ 20.71	(1)	$ 19.55	(1)	$ 8.32	(1)	
8			2W Analog Zone 3	U21/RB9	$ 33.29	(1)	$ 19.55	(1)	$ 8.32	(1)	
9			2W Analog Zone 4	U21/RB9	$ 18.23	(1)	$ 19.55	(1)	$ 8.32	(1)	
10			Conditioning for dB Loss	UL2	$ 6.63	(1)	$ 17.54	(1)	$ 8.58	(1)	
11			4W Analog Zone 1	U4H	$ 19.79	(1)	$ 21.58	(1)	$ 8.32	(1)	
12			4W Analog Zone 2	U4H	$ 35.35	(1)	$ 21.58	(1)	$ 8.32	(1)	
13			4W Analog Zone 3	U4H	$ 61.16	(1)	$ 21.58	(1)	$ 8.32	(1)	
14			4W Analog Zone 4	U4H	$ 30.08	(1)	$ 21.58	(1)	$ 8.32	(1)	
15			2W Digital Zone 1	U2Q/RB8	$ 25.79	(1)	$ 43.33	(1)	$ 22.67	(1)	
16			2W Digital Zone 2	U2Q/RB8	$ 42.10	(1)	$ 43.33	(1)	$ 22.67	(1)	
17			2W Digital Zone 3	U2Q/RB8	$ 58.44	(1)	$ 43.33	(1)	$ 22.67	(1)	
18			2W Digital Zone 4	U2Q/RB8	$ 41.44	(1)	$ 43.33	(1)	$ 22.67	(1)	
19			4W Digital Zone 1	U4D1X/RB6	$ 101.18	(1)	$ 102.47	(1)	$ 40.46	(1)	
20			4W Digital Zone 2	U4D1X/RB6	$ 106.06	(1)	$ 102.47	(1)	$ 40.46	(1)	
21			4W Digital Zone 3	U4D1X/RB6	$ 107.89	(1)	$ 102.47	(1)	$ 40.46	(1)	
22			4W Digital Zone 4	U4D1X/RB6	$ 101.39	(1)	$ 102.47	(1)	$ 40.46	(1)	
23		DSL Loops									
24		2-Wire Digital Loop ISDN/IDSL	*PSD #1 - 2-Wire Digital Loop ISDN/IDSL - Zone 1	U2Q/RB8	$ 25.79		$ 57.77		$ 30.22		
25			*PSD #1 - 2-Wire Digital Loop ISDN/IDSL - Zone 2	U2Q/RB8	$ 42.10		$ 57.77		$ 30.22		
26			*PSD #1 2-Wire Digital Loop ISDN/IDSL - Zone 3	U2Q/RB8	$ 58.44		$ 57.77		$ 30.22		
27			*PSD #1 2-Wire Digital Loop ISDN/IDSL - Zone 4	U2Q/RB8	$ 41.44		$ 57.77		$ 30.22		
28		2-Wire xDSL Loop	*PSD #1 - 2-Wire xDSL Loop - Zone 1	2SLAX	$ 12.71		$ 26.07		$ 11.09		
29			*PSD #1 - 2-Wire xDSL Loop - Zone 2	2SLAX	$ 20.71		$ 26.07		$ 11.09		
30			*PSD #1 - 2-Wire xDSL Loop - Zone 3	2SLAX	$ 33.29		$ 26.07		$ 11.09		
31			*PSD #1 - 2-Wire xDSL Loop - Zone 4	2SLAX	$ 18.23		$ 26.07		$ 11.09		
32			*PSD #2 - 2-Wire xDSL Loop - Zone 1	2SLCX	$ 12.71		$ 26.07		$ 11.09		

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33			*PSD #2 - 2-Wire xDSL Loop - Zone 2	2SLCX	$ 20.71		$ 26.07		$ 11.09		
34			*PSD #2 - 2-Wire xDSL Loop - Zone 3	2SLCX	$ 33.29		$ 26.07		$ 11.09		
35			*PSD #2 - 2-Wire xDSL Loop - Zone 4	2SLCX	$ 18.23		$ 26.07		$ 11.09		
36			*PSD #3 - 2-Wire xDSL Loop - Zone 1	2SLBX	$ 12.71		$ 26.07		$ 11.09		
37			*PSD #3 - 2-Wire xDSL Loop - Zone 2	2SLBX	$ 20.71		$ 26.07		$ 11.09		
38			*PSD #3 - 2-Wire xDSL Loop - Zone 3	2SLBX	$ 33.29		$ 26.07		$ 11.09		
39			*PSD #3 - 2-Wire xDSL Loop - Zone 4	2SLBX	$ 18.23		$ 26.07		$ 11.09		
40			*PSD #4 - 2-Wire xDSL Loop - Zone 1	2SLDX	$ 12.71		$ 26.07		$ 11.09		
41			*PSD #4 - 2-Wire xDSL Loop - Zone 2	2SLDX	$ 20.71		$ 26.07		$ 11.09		
42			*PSD #4 - 2-Wire xDSL Loop - Zone 3	2SLDX	$ 33.29		$ 26.07		$ 11.09		
43			*PSD #4 - 2-Wire xDSL Loop - Zone 4	2SLDX	$ 18.23		$ 26.07		$ 11.09		
44			*PSD #5 - 2-Wire xDSL Loop - Zone 1	U2F	$ 12.71		$ 26.07		$ 11.09		
45			*PSD #5 - 2-Wire xDSL Loop - Zone 2	U2F	$ 20.71		$ 26.07		$ 11.09		
46			*PSD #5 - 2-Wire xDSL Loop - Zone 3	U2F	$ 33.29		$ 26.07		$ 11.09		
47			*PSD #5 - 2-Wire xDSL Loop - Zone 4	U2F	$ 18.23		$ 26.07		$ 11.09		
48			*PSD #7 - 2-Wire xDSL Loop - Zone 1	2SLFX	$ 12.71		$ 26.07		$ 11.09		
49			*PSD #7 - 2-Wire xDSL Loop - Zone 2	2SLFX	$ 20.71		$ 26.07		$ 11.09		
50			*PSD #7 - 2-Wire xDSL Loop - Zone 3	2SLFX	$ 33.29		$ 26.07		$ 11.09		
51			*PSD #7 - 2-Wire xDSL Loop - Zone 4	2SLFX	$ 18.23		$ 26.07		$ 11.09		
52		4-Wire xDSL Loop	*PSD #3 - 4-Wire xDSL Loop - Zone 1	4SL1X	$ 19.79		$ 28.77		$ 11.09		
53			*PSD #3 - 4-Wire xDSL Loop - Zone 2	4SL1X	$ 35.35		$ 28.77		$ 11.09		

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54			*PSD #3 - 4-Wire xDSL Loop - Zone 3	4SL1X	$ 61.16		$ 28.77		$ 11.09		
55			*PSD #3 - 4-Wire xDSL Loop - Zone 4	4SL1X	$ 30.08		$ 28.77		$ 11.09		
56			*** USOCS used for inventory purpose only**								
57		HFPL Loop	HFPL Loop - Zone 1 (Urban STL, KS))	ULPPX	$0.00	(14)	NA		NA		
58			HFPL Loop - Zone 2 (Suburban)	ULPPX	$0.00	(14)	NA		NA		
59			HFPL Loop - Zone 3 (Rural)	ULPPX	$0.00	(14)	NA		NA		
60			HFPL Loop - Zone 4 (Urban Springfield)	ULPPX	$0.00	(14)	NA		NA		
61		Loop Qualification Process	Loop Make-Up Information - Mechanized	NR98U	NA		$8.41		$0.00		
62			Loop Make-Up Information - Manual	NRBXU	NA		$84.15	(8)	NA		
63		xDSL Cross Connect Charge - Standard:	2-Wire Analog	UCX92	$ 0.31	(9)	$ 19.96	(9)	$ 12.69	(9)	
64			4-Wire Analog	UCX94	$ 0.63	(9)	$ 25.38	(9)	$ 17.73	(9)	
65			2-Wire Digital	(UCXC2)	$ 0.31	(9)	$ 19.96	(9)	$ 12.69	(9)	
66			4-Wire Digital	(UCXHX)							
67		xDSL Cross Connect Charge - Shielded:	2-wire Analog	UXRRX	$ 0.80	(9)	$ 19.96	(9)	$ 12.69	(9)	
68			**Note: There is no requirement that a CLEC order shielded cross-connects. Shielded cross-connects are only available for 2-wire xDSL loops used to provision PSD#5.**								
69			#HFPL Cross Connect - CLEC Owned Non-Integrated	UKCGE	$0.62		$39.92		$25.38		
70			#HFPL Cross Connect - CLEC Owned-Integrated	UKCGD	$0.62		$39.92		$25.38		
71			#HFPL Cross Connect - SBC Owned	UKCGX	$0.93		$59.88		$38.07		
72			**# The price assumes all Central Office cross-connects required to provision the HFPL product**								
73		HFPL Splitter	ILEC Splitter	MYQXB	$ 0.89	(14)	None		None		
74		HFPL OSS	OSS Recover Charge	UM3	$ 0.61	(14)	None		None		
75		DSL Conditioning Options	**UNE Loops up to 17,000 ft:**								
76			Removal of Repeater	NRBXV	None	(10)	$221.90		$221.90	(11)	
77			Removal of Bridged Tap and Repeater	NRBXH	None	(10)	$0.00	(10)	$0.00	(10), (11)	
78			Removal of Bridged Tap	NRBXW	None	(10)	$0.00		$0.00	(11)	
79			Removal of Bridged Tap and Load Coil	NRBXF	None	(10)	$0.00	(10)	$0.00	(10), (11)	

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80			Removal of Load Coil	NRBXZ	None	(10)	$0.00		$0.00	(11)	
81			**UNE Loops over 17,500 ft:**								
82			Removal of Repeater (1)	NRBNL	$0.00	(10)	$221.90		$221.90	(11)	
83			Incremental Additional Removal of Repeater	NRBNP	None	(10)	$0.00	(10)	$0.00	(10), (11)	
84			Removal of Bridged Tap and Repeater (1)	NRBTV	$0.00	(10)	$0.00	(10)	$0.00	(10), (11)	
85			Incremental Additional Removal of Bridged Tap and Repeater	NRBTW	None	(10)	$0.00	(10)	$0.00	(10), (11)	
86			Removal of Bridged Tap (1)	NRBNK	$0.00	(10)	$221.90		$221.90	(11)	
87			Incremental Additional Removal of Bridged Tap	NRBNN	None	(10)	$0.00	(10)	$0.00	(10), (11)	
88			Removal of Bridged Tap and Load Coil (1)	NRBM8	$0.00	(10)	$0.00	(10)	$0.00	(10), (11)	
89			Incremental Additional Removal of Bridged Tap and Load Coil	NRBM9	None	(10)	$0.00	(10)	$0.00	(10), (11)	
90			Removal of Load Coil (1)	NRBNJ	$0.00	(10)	$325.83		$325.83	(11)	
91			Incremental Additional Removal of Load Coil	NRBNH	None	(10)	$0.00	(10)	$0.00	(10), (11)	
92		Loop Cross Connects	**Loop Cross Connects (with testing unless otherwise noted)**								
93			Analog Loop to Collo 2W (same CO)	UCXC2	$ 1.89	(1)	$ 26.87	(1)	$ 22.08	(1)	
94			Analog Loop to Collo 2W w/o testing (same CO)	UCXD2	$ 0.31	(1)	$ 14.97	(1)	$ 9.52	(1)	
95			Analog Loop to Collo 4W (same CO)	UCXC4	$ 3.77	(1)	$ 31.22	(1)	$ 29.56	(1)	
96			Analog Loop to Collo 4W w/o testing (same CO)	UCXD4	$ 0.63	(1)	$ 25.38	(1)	$ 17.73	(1)	
97			Digital Loop to Collo 2W (same CO)	(UCXC2) Under Development	$ 1.89	(1)	$ 26.87	(1)	$ 22.08	(1)	
98			Digital Loop to Collo 2W w/o testing (same CO)	(UCXD2) Under Development	$ 0.31	(1)	$ 14.97	(1)	$ 9.52	(1)	
99			Digital Loop to Collo 4W (same CO)	(UCXHX Under Development	$ 9.00	(1)	$ 45.03	(1)	$ 34.16	(1)	
100			Digital Loop to Collo 4W w/o testing (same CO)	UDLD4	None	(1)	$ 29.04	(1)	$ 28.57	(1)	
101			Analog Loop to DCS 2W	(UDLW2) Under Development	$ 0.27	(3)	$ 20.65	(3)	$ 16.50	(3)	
102			Analog Loop to DCS 4W	UCXGX	$ 0.54	(3)	$ 20.65	(3)	$ 16.50	(3)	
103			Digital Loop to DCS 2W	UDU5X	$ 2.64	(3)	$ 20.65	(3)	$ 16.50	(3)	
104			Digital Loop to DCS 4W	(UCXHX) Under Development	$ 8.29	(3)	$ 28.95	(3)	$ 26.47	(3)	

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105			DS3 Loop to DCS	UDU3X	$ 225.59	(3)	$0.00	(3)	$0.00	(3)	
106			Analog Loop to Switch Port	UDLX2	$0.00	(3)	$ 4.17	(3)	$ 3.29	(3)	
107			Digital Loop to Switch Port 2W	(UDLW2) Under Development	$0.00	(3)	$ 9.40	(3)	$ 9.40	(3)	
108			Digital Loop to Switch Port 4W	Under Development	$ 7.51	(3)	$ 37.58	(3)	$ 37.58	(3)	
109		Subloop Feeder	2W Analog Zone 1	UK2RC	$ 4.81	(1)	$ 17.16	(1)	$ 7.91	(1)	
110			2W Analog Zone 2	UK2RC	$ 6.60	(1)	$ 17.16	(1)	$ 7.91	(1)	
111			2W Analog Zone 3	UK2RC	$ 6.87	(1)	$ 17.16	(1)	$ 7.91	(1)	
112			2W Analog Zone 4	UK2RC	$ 9.90	(1)	$ 17.16	(1)	$ 7.91	(1)	
113			2W Digital Zone 1	(UK2RC) Under Development	$ 20.18	(1)	$ 40.52	(1)	$ 20.45	(1)	
114			2W Digital Zone 2	(UK2RC) Under Development	$ 32.17	(1)	$ 40.52	(1)	$ 20.45	(1)	
115			2W Digital Zone 3	(UK2RC) Under Development	$ 30.89	(1)	$ 40.52	(1)	$ 20.45	(1)	
116			2W Digital Zone 4	(UK2RC) Under Development	$ 39.13	(1)	$ 40.52	(1)	$ 20.45	(1)	
117			DS1 4W Copper Zone 1	UK4RC	$ 67.05	(1)	$ 73.25	(1)	$ 29.98	(1)	
118			DS1 4W Copper Zone 2	UK4RC	$ 67.27	(1)	$ 73.25	(1)	$ 29.98	(1)	
119			DS1 4W Copper Zone 3	UK4RC	$ 67.17	(1)	$ 73.25	(1)	$ 29.98	(1)	
120			DS1 4W Copper Zone 4	UK4RC	$ 70.79	(1)	$ 73.25	(1)	$ 29.98	(1)	
121			Dark Fiber Foot Zone 1	ULOWG	$ 0.002085	(1)	None	(1)	None	(1)	
122			Dark Fiber Foot Zone 2	ULOWG	$ 0.003156	(1)	None	(1)	None	(1)	
123			Dark Fiber Foot Zone 3	ULOWG	$ 0.004752	(1)	None	(1)	None	(1)	
124			Dark Fiber Foot Zone 4	ULOWG	$ 0.002085	(1)	None	(1)	None	(1)	
125		Subloop Distribution	2W Analog Zone 1	UG2	$ 6.69	(1)	$ 85.08	(1)	$ 35.46	(1)	
126			2W Analog Zone 2	UG2	$ 10.68	(1)	$ 85.08	(1)	$ 35.46	(1)	
127			2W Analog Zone 3	UG2	$ 12.92	(1)	$ 85.08	(1)	$ 35.46	(1)	
128			2W Analog Zone 4	UG2	$ 22.78	(1)	$ 85.08	(1)	$ 35.46	(1)	
129			2W Digital Zone 1	UK2	$ 9.63	(1)	$ 86.76	(1)	$ 38.57	(1)	
130			2W Digital Zone 2	UK2	$ 13.63	(1)	$ 86.76	(1)	$ 38.57	(1)	
131			2W Digital Zone 3	UK2	$ 15.86	(1)	$ 86.76	(1)	$ 38.57	(1)	
132			2W Digital Zone 4	UK2	$ 25.70	(1)	$ 86.76	(1)	$ 38.57	(1)	
133			4W Digital Zone 1	UK4RE	$ 4.68	(1)	$ 131.83	(1)	$ 52.08	(1)	
134			4W Digital Zone 2	UK4RE	$ 6.23	(1)	$ 131.83	(1)	$ 52.08	(1)	
135			4W Digital Zone 3	UK4RE	$ 10.05	(1)	$ 131.83	(1)	$ 52.08	(1)	
136			4W Digital Zone 4	UK4RE	$ 22.41	(1)	$ 131.83	(1)	$ 52.08	(1)	
137		Subloop Cross Connect									
138			2W	UCX1X	None	(2)	$ 61.55	(2)	$ 46.35	(2)	
139			4W	UCX14	None	(2)	$ 74.00	(2)	$ 50.50	(2)	
140			Dark Fiber	UKCTX	$ 47.00	(2)	$ 75.00	(2)	$ 52.50	(2)	
141		Local Switching	Standard/Per Orig. or Term. MOU (excluding port) - Zone 1	ZZULS	$ 0.0019880	(1)	None	(1)	None	(1)	

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142			Standard/Per Orig. or Term. MOU (excluding port) - Zone 2	ZZULS	$ 0.0023910	(1)	None	(1)	None	(1)	
143			Standard/Per Orig. or Term. MOU (excluding port) - Zone 3	ZZULS	$ 0.0034440	(1)	None	(1)	None	(1)	
144			Standard/Per Orig. or Term. MOU (excluding port) - Zone 4	ZZULS	$ 0.0029340	(1)	None	(1)	None	(1)	
145		Customized Routing Resale AIN	Per customer line	Not Applicable	$ 0.10	(3)	None	(3)	None	(3)	
146			Per end office (unless previously charged under UNE)	Not Applicable	None	(3)	$ 85.00	(3)	$85.00	(3)	
147			SOAC Table Work (unless previously charged under UNE)	Not Applicable	None	(3)	$ 6,201.00	(3)	$6,201.00	(3)	
148			Development 1st LSP	Not Applicable	None	(3)	$ 390,645.00	(3)	None	(3)	
149			Development Subsqt LSP	Not Applicable	None	(3)	ICB	(3)	None	(3)	
150		Customized Routing UNE AIN	Per query per customer line	ZZURO	$ 0.0002333	(3)	None	(3)	None	(3)	
151			SOAC Work Table (if not previously charged under resale)	Not Applicable	None	(3)	$ 7,160.30	(3)	$7,160.30	(3)	
152			SOAC Work Table (if previously charged under resale)	Not Applicable	None	(3)	$ 959.30	(3)	$959.30	(3)	
153			Per end office (if not previously charged under resale)	Not Applicable	None	(3)	$ 98.10	(3)	$98.10	(3)	
154			Per end office (if previously charged under resale)	Not Applicable	None	(3)	$ 13.10	(3)	$13.10	(3)	
155			Per Centrex-like Customer	Not Applicable	None	(3)	$ 123.60	(3)	$123.60	(3)	
156			Development 1st LSP	Not Applicable	None	(3)	$273,916.32	(3)	None	(3)	
157			Development Subsqt LSP	Not Applicable	None	(3)	ICB	(3)	None	(3)	
158		Ports	Analog Line Port Zone 1	UYP/RBQ	$ 1.74	(1)	$ 29.53	(1)	$26.45	(1)	
159			Analog Line Port Zone 2	UYP/RBQ	$ 1.97	(1)	$ 29.53	(1)	$26.45	(1)	
160			Analog Line Port Zone 3	UYP/RBQ	$ 2.47	(1)	$ 29.53	(1)	$26.45	(1)	
161			Analog Line Port Zone 4	UYP/RBQ	$ 2.25	(1)	$ 29.53	(1)	$26.45	(1)	
162			BRI Line Port Zone 1	U1P/RBJ	$ 5.56	(1)	$ 5.36	(1)	$ 3.53	(1)	
163			BRI Line Port Zone 2	U1P/RBJ	$ 5.56	(1)	$ 5.36	(1)	$ 3.53	(1)	
164			BRI Line Port Zone 3	U1PRBJ	$ 5.56	(1)	$ 5.36	(1)	$ 3.53	(1)	
165			BRI Line Port Zone 4	U1PRBJ	$ 5.56	(1)	$ 5.36	(1)	$ 3.53	(1)	
166			PRI Line Port Zone 1	UJP/RB5	$ 165.85	(1)	$ 214.53	(1)	$ 98.53	(1)	
167			PRI Line Port Zone 2	UJP/RB5	$ 165.85	(1)	$ 214.53	(1)	$ 98.53	(1)	
168			PRI Line Port Zone 3	UJP/RB5	$ 165.85	(1)	$ 214.53	(1)	$ 98.53	(1)	
169			PRI Line Port Zone 4	UJP/RB5	$ 165.85	(1)	$ 214.53	(1)	$ 98.53	(1)	
170			Analog DID Trunk Port Zone 1	U5P/RBT	$ 13.55	(1)	$ 50.04	(1)	$ 50.04	(1)	
171			Analog DID Trunk Port Zone 2	U5P/RBT	$ 14.45	(1)	$ 52.10	(1)	$ 52.10	(1)	
172			Analog DID Trunk Port Zone 3	U5P/RBT	$ 10.60	(1)	$ 50.04	(1)	$ 50.04	(1)	
173			Analog DID Trunk Port Zone 4	U5P/RBT	$ 15.12	(1)	$ 50.04	(1)	$ 50.04	(1)	

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174			DS1 Trunk Port Zone 1	U9Z	$ 132.14	(1)	$ 121.79	(1)	$ 24.76	(1)	
175			DS1 Trunk Port Zone 2	U9Z	$ 126.71	(1)	$ 121.83	(1)	$ 24.83	(1)	
176			DS1 Trunk Port Zone 3	U9Z	$ 58.04	(1)	$ 120.35	(1)	$ 22.86	(1)	
177			DS1 Trunk Port Zone 4	U9Z	$ 140.35	(1)	$ 123.74	(1)	$ 27.36	(1)	
178		Feature Activation per Analog Line Port Type	Call Waiting	ESX	None	(2)	$0.00	(2)	None	(2)	
179			Call Waiting ID	NWT	None	(2)	$0.00	(2)	None	(2)	
180			Call Waiting ID Options (for end users type 2.5 CPE)	NWL	None	(2)	$0.00	(2)	None	(2)	
181			Call Forwarding Variable	ESM	None	(2)	$0.00	(2)	None	(2)	
182			Call Forwarding Busy Line	EVB	None	(2)	$0.00	(2)	None	(2)	
183			Call Forwarding Don't Answer	EVD	None	(2)	$0.00	(2)	None	(2)	
184			Call Forward Busy Line/Don't Answer	E5E	None	(2)	$0.00	(2)	None	(2)	
185			Call Transfer Disconnect	FG3	None	(2)	$0.00	(2)	None	(2)	
186			Simultaneous Call Forwarding	ESD	None	(2)	$0.00	(2)	None	(2)	
187			Remote Access to Call Forwarding	RC3	None	(2)	$0.00	(2)	None	(2)	
188			Three-Way Calling	ESC	None	(2)	$0.00	(2)	None	(2)	
189			Speed Calling 8	ESL	None	(2)	$0.00	(2)	None	(2)	
190			Speed Calling 30	ESF	None	(2)	$0.00	(2)	None	(2)	
191			Auto Callback/Auto Redial	NSQ	None	(2)	$0.00	(2)	None	(2)	
192			Distinctive Ring/Priority Call	NSK	None	(2)	$0.00	(2)	None	(2)	
193			Selective Call Rejection/Call Blocker	NSY	None	(2)	$0.00	(2)	None	(2)	
194			Auto Recall/Call Return	NSS	None	(2)	$0.00	(2)	None	(2)	
195			Selective Call Forwarding	NCE	None	(2)	$0.00	(2)	None	(2)	
196			Calling # Delivery	NSD	None	(2)	$0.00	(2)	None	(2)	
197			CNAM Delivery	NMP	None	(2)	$0.00	(2)	None	(2)	
198			Calling Name/Name Delivery Blocking/Per Ln Block	NBJ	None	(2)	$0.00	(2)	None	(2)	
199			Calling Number/Name Blocking (Per Call)	NSG	None	(2)	$0.00	(2)	None	(2)	
200			Anonymous Call Rejection	AYK	None	(2)	$0.00	(2)	None	(2)	
201			Customer Alerting Enablement	AWS	None	(2)	$0.00	(2)	None	(2)	
202			Toll Restriction	DH2	None	(2)	$0.00	(2)	None	(2)	
203			International Direct Dialing Blocking	NR4BK	None	(2)	$0.00	(2)	None	(2)	
204											
205		Analog Line Port Features/per arrangement	Personalized Ring	DRS	None	(2)	$0.00	(2)	None	(2)	
206			Personalized Ring 1st DN	DRS1X	None	(2)	$0.00	(2)	None	(2)	
207			Personalized Ring 2nd DN	DRS2X	None	(2)	$0.00	(2)	None	(2)	
208			Hunting Arrangement	NR931	None	(2)	$0.00	(2)	None	(2)	

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

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234			System Establishment per serving office - ISDN BRI Only	SEPUU	None	(2)	$0.00	(2)	None	(2)	
235			System Subsqnt Change per Serving Office - Analog/ISDN BRI mixed sys or BRI only Sys & Add analog to existing ISDN BRI only system	NR93X	None	(2)	$0.00	(2)	None	(2)	
236			System Subsqnt Conversion per serving office - Add Analog to existing ISDN BRI only system	NR93W	None	(2)	$0.00	(2)	None	(2)	
237		Analog Line Port & BRI Line Port Centrex-Like Features	Auto Callback Calling/Business Group Callback	RGE	None	(2)	$0.00	(2)	None	(2)	
238			Call Forwarding Busy Line	GCE	None	(2)	$0.00	(2)	None	(2)	
239			Call Hold	6AB	None	(2)	$0.00	(2)	None	(2)	
240			Call Pickup	E3P	None	(2)	$0.00	(2)	None	(2)	
241			Call Transfer - All Calls	TF1PS	None	(2)	$0.00	(2)	None	(2)	
242			Class of Service Restr. - Fully	ERSFC	None	(2)	$0.00	(2)	None	(2)	
243			Class of Service Restr. - Semi	RQW	None	(2)	$0.00	(2)	None	(2)	
244			Class of Service Restr. - Toll	ERSPA	None	(2)	$0.00	(2)	None	(2)	
245			Consult. Hold	EBE	None	(2)	$0.00	(2)	None	(2)	
246			Dial Call Waiting	WDK	None	(2)	$0.00	(2)	None	(2)	
247			Directed Call Pickup - Non Barge in	69D	None	(2)	$0.00	(2)	None	(2)	
248			Directed Call Pickup - With Barge in	6MD	None	(2)	$0.00	(2)	None	(2)	
249			Distinctive Ring and Call Waiting Tone	DRJ	None	(2)	$0.00	(2)	None	(2)	
250			Hunting Arrgmt - Basic	HRK	None	(2)	$0.00	(2)	None	(2)	
251			Hunting Arrgmt - Circular	HCK	None	(2)	$0.00	(2)	None	(2)	
252		Analog Line Port Centrex-Like Features	Standard feature initialization per analog port	NR935	None	(2)	$0.00	(2)	None	(2)	
253			Call Forwarding Variable/ Business Group Call Forwarding Variable	HWJ	None	(2)	$0.00	(2)	None	(2)	
254			Call Forwarding Don't Answer	69H	None	(2)	$0.00	(2)	None	(2)	
255			Call Waiting - Intragroup/Business Call Forwarding Var.	NGW	None	(2)	$0.00	(2)	None	(2)	
256			Call Waiting - Orig.	6SZ	None	(2)	$0.00	(2)	None	(2)	
257			Call Waiting - Term.	HUH	None	(2)	$0.00	(2)	None	(2)	
258			Speed Calling Personal	E18	None	(2)	$0.00	(2)	None	(2)	
259			Three Way Calling	ESCPS	None	(2)	$0.00	(2)	None	(2)	
260			Voice/Data Protection	D7N	None	(2)	$0.00	(2)	None	(2)	
261		BRI Line Port Centrex-Like Features	Standard feature initialization per ISDN BRI port	NR936	None	(2)	$0.00	(2)	None	(2)	

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262			Speed Calling Personal	NXG	None	(2)	$0.00	(2)	None	(2)	
263		Tandem Switching	Per MOU per call	ZZUTA	$ 0.001510	(1)	None	(1)	None	(1)	
264		Blended Transport	Per MOU - Zone 1	ZZUBT	$ 0.000657	(1)	None	(1)	None	(1)	
265			Per MOU - Zone 2	ZZUBT	$ 0.000787	(1)	None	(1)	None	(1)	
266			Per MOU - Zone 3	ZZUBT	$ 0.000860	(1)	None	(1)	None	(1)	
267			Per MOU - Zone 4	ZZUBT	$ 0.000622	(1)	None	(1)	None	(1)	
268			Per MOU - Interzone	ZZUBT	$ 0.000806	(1)	None	(1)	None	(1)	
269		Common Transport	Termination MOU Zone 1	ZZUCT	$ 0.0001900	(1)	None	(1)	None	(1)	
270			Termination MOU Zone 2	ZZUCT	$ 0.0002850	(1)	None	(1)	None	(1)	
271			Termination MOU Zone 3	ZZUCT	$ 0.0003020	(1)	None	(1)	None	(1)	
272			Termination MOU Zone 4	ZZUCT	$ 0.0001620	(1)	None	(1)	None	(1)	
273			Termination MOU Interzone	ZZUCT	$ 0.0003320	(1)	None	(1)	None	(1)	
274			Facility Mile MOU Zone 1	ZZUCT	$ 0.0000020	(1)	None	(1)	None	(1)	
275			Facility Mile MOU Zone 2	ZZUCT	$ 0.0000070	(1)	None	(1)	None	(1)	
276			Facility Mile MOU Zone 3	ZZUCT	$ 0.0000150	(1)	None	(1)	None	(1)	
277			Facility Mile MOU Zone 4	ZZUCT	$ 0.0000010	(1)	None	(1)	None	(1)	
278			Facility Mile MOU Interzone	ZZUCT	$ 0.0000030	(1)	None	(1)	None	(1)	
279		Dedicated Transport	DS1 Entrance Facilities Zone 1	UENHX	$ 162.30	(2)	$ 471.00	(2)	$ 342.00	(2)	
280			DS1 Entrance Facilities Zone 2	UENHX	$ 162.30	(2)	$ 471.00	(2)	$ 342.00	(2)	
281			DS1 Entrance Facilities Zone 3	UENHX	$ 162.30	(2)	$ 471.00	(2)	$ 342.00	(2)	
282			DS1 Entrance Facilities Zone 4	UENHX	$ 162.30	(2)	$ 471.00	(2)	$ 342.00	(2)	
283			DS3 Entrance Facilities Zone 1	UENJX	$ 1,884.49	(2)	$ 477.75	(2)	$ 372.00	(2)	
284			DS3 Entrance Facilities Zone 2	UENJX	$ 1,884.49	(2)	$ 477.75	(2)	$ 372.00	(2)	
285			DS3 Entrance Facilities Zone 3	UENJX	$ 1,884.49	(2)	$ 477.75	(2)	$ 372.00	(2)	
286			DS3 Entrance Facilities Zone 4	UENJX	$ 1,884.49	(2)	$ 477.75	(2)	$ 372.00	(2)	
287			OC3 Entrance Facilities Zone 1	UENKX	$ 662.30	(3)	$ 608.40	(3)	$ 231.15	(3)	
288			OC3 Entrance Facilities Zone 2	UENKX	$ 681.16	(3)	$ 608.40	(3)	$ 231.15	(3)	
289			OC3 Entrance Facilities Zone 3	UENKX	$ 719.97	(3)	$ 608.40	(3)	$ 231.15	(3)	
290			OC3 Entrance Facilities Zone 4	UENKX	$ 662.30	(3)	$ 608.40	(3)	$ 231.15	(3)	
291			OC12 Entrance Facilities Zone 1	UENLX	$ 1,570.55	(3)	$ 608.40	(3)	$ 231.15	(3)	
292			OC12 Entrance Facilities Zone 2	UENLX	$ 1,589.41	(3)	$ 608.40	(3)	$ 231.15	(3)	
293			OC12 Entrance Facilities Zone 3	UENLX	$ 1,628.22	(3)	$ 608.40	(3)	$ 231.15	(3)	
294			OC12 Entrance Facilities Zone 4	UENLX	$ 1,570.55	(3)	$ 608.40	(3)	$ 231.15	(3)	
295			VG Interoffice Transport - Term. Zone 1	ULN2S	$ 12.74	(3)	$ 87.06	(3)	$ 98.46	(3)	
296			VG Interoffice Transport - Term. Zone 2	ULN2S	$ 12.89	(3)	$ 87.06	(3)	$ 98.46	(3)	
297			VG Interoffice Transport - Term. Zone 3	ULN2S	$ 13.25	(3)	$ 87.06	(3)	$ 98.46	(3)	
298			VG Interoffice Transport - Term. Zone 4	ULN2S	$ 12.74	(3)	$ 87.06	(3)	$ 98.46	(3)	
299			VG Interoffice Transport - Term. Interzone	ULN2S	$ 13.87	(3)	$ 87.06	(3)	$ 98.46	(3)	

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300			VG Interoffice Transport - Mile Zone 1	ULN2S	$ 0.011	(3)	$ 87.06	(3)	$ 98.46	(3)	
301			VG Interoffice Transport - Mile Zone 2	ULN2S	$ 0.057	(3)	$ 87.06	(3)	$ 98.46	(3)	
302			VG Interoffice Transport - Mile Zone 3	ULN2S	0.113	(3)	$ 87.06	(3)	$ 98.46	(3)	
303			VG Interoffice Transport - Mile - Zone 4	ULN2S	0.011	(3)	$ 87.06	(3)	$ 98.46	(3)	
304			VG Interoffice Transport - Mile - Interzone	ULN2S	0.057	(3)	$ 87.06	(3)	$ 98.46	(3)	
305			DS1 Interoffice Transport - 1st Mile Zone 1	ULNHS	$ 57.49	(1)	$ 174.43	(1)	$ 118.14	(1)	
306			DS1 Interoffice Transport - 1st Mile Zone 2	ULNHS	$ 86.96	(1)	$ 174.43	(1)	$ 118.14	(1)	
307			DS1 Interoffice Transport - 1st Mile Zone 3	ULNHS	$ 92.07	(1)	$ 174.43	(1)	$ 118.14	(1)	
308			DS1 Interoffice Transport - 1st Mile- Zone 4	ULNHS	$ 48.70	(1)	$ 174.43	(1)	$ 118.14	(1)	
309			DS1 Interoffice Transport - 1st Mile- Interzone	ULNHS	$ 100.36	(1)	$ 174.43	(1)	$ 118.14	(1)	
310			DS1 Interoffice Transport - Add'l Mile Zone 1	ULNHS	$ 0.62	(1)	$174.43	(1)	$118.14	(1)	
311			DS1 Interoffice Transport - Add'l Mile Zone 2	ULNHS	$ 1.67	(1)	$174.43	(1)	$118.14	(1)	
312			DS1 Interoffice Transport - Add'l Mile Zone 3	ULNHS	$ 1.60	(1)	$174.43	(1)	$118.14	(1)	
313			DS1 Interoffice Transport - Add'l Mile - Zone 4	ULNHS	$ 0.19	(1)	$174.43	(1)	$118.14	(1)	
314			DS1 Interoffice Transport - Add'l Mile - Interzone	ULNHS	$ 0.97	(1)	$174.43	(1)	$118.14	(1)	
315			DS3 Interoffice Transport - 1st Mile Zone 1	ULNJS	$ 925.21	(1)	$ 170.28	(1)	$ 130.07	(1)	
316			DS3 Interoffice Transport - 1st Mile Zone 2	ULNJS	$ 1,824.14	(1)	$ 170.28	(1)	$ 130.07	(1)	
317			DS3 Interoffice Transport - 1st Mile Zone 3	ULNJS	$ 2,052.06	(1)	$ 170.28	(1)	$ 130.07	(1)	
318			DS3 Interoffice Transport - 1st Mile Zone 4	ULNJS	$ 789.13	(1)	$ 170.28	(1)	$ 130.07	(1)	
319			DS3 Interoffice Transport -1st Mile- Interzone	ULNJS	$ 2,361.66	(1)	$ 170.28	(1)	$ 130.07	(1)	
320			DS3 Interoffice Transport - Add'l Mile Zone 1	ULNJS	$ 15.64	(1)	$ 170.28	(1)	$ 130.07	(1)	

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321			DS3 Interoffice Transport - Add'l Mile Zone 2	ULNJS	$ 56.45	(1)	$ 170.28	(1)	$ 130.07	(1)	
322			DS3 Interoffice Transport - Add'l Mile Zone 3	ULNJS	$ 97.60	(1)	$ 170.28	(1)	$ 130.07	(1)	
323			DS3 Interoffice Transport -Add'l Mile-Zone 4	ULNJS	$ 17.32	(1)	$ 170.28	(1)	$ 130.07	(1)	
324			DS3 Interoffice Transport -Add'l Mile-Interzone	ULNJS	$ 25.87	(1)	$ 170.28	(1)	$ 130.07	(1)	
325			OC3 Interoffice Transport - Term. Zone 1	ULNKS	$ 1,381.04	(3)	$ 562.41	(3)	$ 276.80	(3)	
326			OC3 Interoffice Transport -Term. Zone 2 (Includes 1st Mile)	ULNKS	$ 1,461.22	(3)	$ 562.41	(3)	$ 276.80	(3)	
327			OC3 Interoffice Transport -Term. Zone 3 (Includes 1st Mile)	ULNKS	$ 2,188.84	(3)	$ 562.41	(3)	$ 276.80	(3)	
328			OC3 Interoffice Transport - Term.- Zone 4 (Includes 1st Mile)	ULNKS	$ 1,381.04	(3)	$ 562.41	(3)	$ 276.80	(3)	
329			OC3 Interoffice Transport - Term.- Interzone (Includes 1st Mile)	ULNKS	$ 2,578.91	(3)	$ 562.41	(3)	$ 276.80	(3)	
330			OC3 Interoffice Transport - Mile Zone 1	ULNKS	$ 27.85	(3)	$ 562.41	(3)	$ 276.80	(3)	
331			OC3 Interoffice Transport - Mile Zone 2	ULNKS	$ 48.47	(3)	$ 562.41	(3)	$ 276.80	(3)	
332			OC3 Interoffice Transport - Mile Zone 3	ULNKS	$ 175.76	(3)	$ 562.41	(3)	$ 276.80	(3)	
333			OC3 Interoffice Transport - Mile - Zone 4	ULNKS	$ 27.85	(3)	$ 562.41	(3)	$ 276.80	(3)	
334			OC3 Interoffice Transport - Mile - Interzone	ULNKS	$ 43.27	(3)	$ 562.41	(3)	$ 276.80	(3)	
335			OC12 Interoffice Transport -Term. Zone 1	ULNLS	$ 5,238.16	(3)	$ 577.05	(3)	$ 297.74	(3)	
336			OC12 Interoffice Transport - Term. Zone 2	ULNLS	$ 5,675.82	(3)	$ 577.05	(3)	$ 297.74	(3)	
337			OC12 Interoffice Transport -Term. Zone 3	ULNLS	$ 8,048.17	(3)	$ 577.05	(3)	$ 297.74	(3)	
338			OC12 Interoffice Transport -Term - Zone 4	ULNLS	$ 5,238.16	(3)	$ 577.05	(3)	$ 297.74	(3)	
339			OC12 Interoffice Transport -Term - Interzone	ULNLS	$ 9,804.49	(3)	$ 577.05	(3)	$ 297.74	(3)	
340			OC12 Interoffice Transport - Mile Zone 1	ULNLS	$ 111.40	(3)	$ 577.05	(3)	$ 297.74	(3)	
341			OC12 Interoffice Transport - Mile Zone 2	ULNLS	$ 193.85	(3)	$ 577.05	(3)	$ 297.74	(3)	

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342			OC12 Interoffice Transport - Mile Zone 3	ULNLS	$ 703.03	(3)	$ 577.05	(3)	$ 297.74	(3)	
343			OC12 Interoffice Transport -Mile - Zone 4	ULNLS	$ 111.40	(3)	$ 577.05	(3)	$ 297.74	(3)	
344			OC12 Interoffice Transport -Mile - Interzone	ULNLS	$ 173.08	(3)	$ 577.05	(3)	$ 297.74	(3)	
345			OC48 Interoffice Transport - Urban Term.	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
346			OC48 Interoffice Transport - Suburban Term.	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
347			OC48 Interoffice Transport - Rural Term.	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
348			OC48 Interoffice Transport -Term. Interzone	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
349			OC48 Interoffice Transport - Urban Mile	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
350			OC48 Interoffice Transport - Suburban Mile	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
351			OC48 Interoffice Transport - Rural Mile	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
352			OC48 Interoffice Transport - Interzone Mile	ULNNS	ICB	(2)	ICB	(2)	ICB	(2)	
353		Dedicated Transport Cross Connect	Voice Grade 2W	UCXV2	$ 2.88	(3)	$ 47.38	(3)	$ 35.31	(3)	
354			VG 4W	UCXV4	$ 4.05	(3)	$ 53.06	(3)	$ 38.50	(3)	
355			DS1	UCXHX	$ 12.00	(2)	$ 74.25	(2)	$ 71.25	(2)	
356			DS3	UCXJX	$ 30.08	(1)	$ 54.98	(1)	$ 42.90	(1)	
357			OC3	UCXKX	$ 50.00	(3)	$ 233.77	(3)	$ 115.32	(3)	
358			OC12	UCXLX	$ 50.00	(3)	$ 239.85	(3)	$ 124.04	(3)	
359			OC48	UCXNX	ICB	(2)	ICB	(2)	ICB	(2)	
360		Digital Cross-Connect System	DS0 DCS Port	(UDU5X) Under Development	$ 13.70	(2)	$ 24.30	(2)	None	(2)	
361			DS1 DCS Port	UDUDX	$ 45.14	(2)	$ 42.32	(2)	None	(2)	
362			DS3 DCS Port	(UDU3X) Under Development	$ 490.05	(2)	$ 32.00	(2)	None	(2)	
363			DCS Establishment	SEPU3	None	(2)	$ 1,291.50	(2)	None	(2)	
364			Database Modification	NR9U4	None	(2)	$ 65.33	(2)	None	(2)	
365			Reconfiguration Charge	Not Applicable	None	(2)	$ 0.94	(2)	None	(2)	
366		Multiplexing	VG to DS1	UM4BX	$ 180.00	(2)	$ 195.00	(2)	$ 120.75	(2)	
367			DS1 to DS3	UM4AX	$ 815.00	(2)	$ 1,029.00	(2)	$ 609.75	(2)	
368		SS7 Links - Cross Connect	STP to Collo Cage - DS0 (all zones)	5-state billed in IBIS	$ 74.20	(2)	$ 224.85	(2)	$ 151.84	(2)	

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369			STP to Collo Cage - DS1 (all zones)	5-state billed in IBIS	$ 53.65	(2)	$ 192.75	(2)	$ 130.84	(2)	
370			STP to SWBT TDF - DS0	5-state billed in IBIS	$ 42.58	(3)	$ 67.24	(3)	$ 64.55	(3)	
371			STP to SWBT SDX Frame - DS1	5-state billed in IBIS	$ 30.89	(3)	$ 75.12	(3)	$ 72.46	(3)	
372		Unbundled Signaling	STP Access Connection 1.544 Mbps - Fixed	IBIS billed	$ 38.15	(3)	None	(3)	None	(3)	
373			STP Access Connection 1.544 Mbps - per mile	IBIS billed	(included in rate above)	(3)	None	(3)	None	(3)	
374			STP Access Link 56 Kbps per link	IBIS billed	$ 100.16	(3)	None	(3)	None	(3)	
375			STP Access Link 56 Kbps per mile	IBIS billed	$ 0.91	(3)	None	(3)	None	(3)	
376			SS7 Transport per octet	IBIS billed	$ 0.0000007	(1)	None	(1)	None	(1)	
377			SS7 Signaling Transport per call	ZZUU7	$ 0.000060	(3)	None	(3)	None	(3)	
378			STP Port per port	P16SX - IBIS billed	$ 480.61	(1)	$ 217.14	(1)	None	(1)	
379			Point Code Addition per STP pair	IBIS billed	None	(3)	$ 12.57	(3)	$12.57	(3)	
380			GTT Title Translation - Simple	Under development	None	(3)	$ 1.01	(3)	$1.01	(3)	
381			GTT Title Translation - Complex	Under development	None	(3)	ICB	(3)	ICB	(3)	
382		Line Information Database - Validation and CNAM	Validation Query	Not Applicable	$0.00	(2)	None	(2)	None	(2)	
383			CNAM Service Query	Not Applicable	$0.00	(2)	None	(2)	None	(2)	
384			Query Transport	Not Applicable	$0.00	(2)	None	(2)	None	(2)	
385			Service Order Charge	Not Applicable	$0.00	(2)	None	(2)	None	(2)	
386			Line Validation Administration System	Not Applicable	None	(2)	None	(2)	None	(2)	
387		Toll Free Database per Message/Query	800 Query - Simple	Not Applicable	$ 0.000254	(1)	None	(1)	None	(1)	
388			Designated 10-Digit Translation	Not Applicable	$0.00	(1)	None	(1)	None	(1)	
389			Call Validation	Not Applicable	$0.00	(1)	None	(1)	None	(1)	
390			Call Handling and Destination (Toll-Free-800 Addition)	Not Applicable	$ 0.000034	(1)	None	(1)	None	(1)	
391		OSS	System Access	Not a UNE	$3,345.00	(6)	None	(6)	None	(6)	
392			Remote Facility per port - Direct Connections	Not a UNE	$1,580.00	(6)	None	(6)	None	(6)	
393			Remote Facility per port - Dial-up Connection	Not a UNE	$316.00	(6)	None	(6)	None	(6)	
394		Directory Assistance	DA per call	ZZUO3/ZZUO4	$ 0.3700		None		None		
395			DACC - rate per completed call	ZZUO7	$ 0.1500		None		None		
396			Non-Published EMS	Not Applicable	$ 2.10		None		None		
397		Access to DS DB - Direct Access	DB Service	Not Applicable	ICB		None		None		

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398			Direct Access, per search	Not Applicable	ICB		None		None		
399			Service Establishment	Not Applicable	ICB		None		None		
400		Operator Services Call Completion Services	Operator Assisted and Semi-Auto per work sec.	ZZUO2	$ 0.0200		None		None		
401			All Fully-Auto per call	ZZUO1	$ 0.1500		None		None		
402		UNE/Facility Based Call Branding (DA/OS)	Per branded call	ZZUCB	$ 0.0250		None		None		
403			Per load/change per TOPS switch per brand	NRBDG	None		$ 3,000.00		None		
404		Resale Call Branding (DA/OS)	Per branded call	ZZUCB	$ 0.0250		None		None		
405			Per load/change per TOPS switch per brand	NRBDG	None		$ 3,000.00		None		
406		UNE/Facility Based Rate/Reference Info	Per load//TOPS switch	NRBDL	None		$ 2,200.00		None		
407			Per change/TOPS switch	NRBDM	None		$ 1,000.00		None		
408		Resale Rate/Reference Info	Per load/TOPS switch	NRBDL	None		$ 2,200.00		None		
409			Per change/TOPS switch	NRBDM	None		$ 1,000.00		None		
410		Service Order Charges - Unbundled Elements	**Electronic UNE Service Order Charge**								
411			New Simple - Electronic	NR9W2	None	(1)	$ 5.00	(1)	None	(1)	
412			Change Simple - Electronic	NR9GG	None	(1)	$ 5.00	(1)	None	(1)	
413			Record Simple - Electronic	NR9GU	None	(1)	$ 5.00	(1)	None	(1)	
414			Disconnect Simple - Electronic	NR9GZ	None	(1)	$ 5.00	(1)	None	(1)	
415			Suspend Simple - Electronic	NRBJ5	None	(1)	$ 5.00	(1)	None	(1)	
416			Restore Simple - Electronic	NRBJ6	None	(1)	$ 5.00	(1)	None	(1)	
417			Expedited Simple - Electronic	(NR9W2)	None	(1)	$ 5.00	(1)	None	(1)	
418			Customer Not Ready Simple - Electronic	(NR9W2)	None	(1)	$ 5.00	(1)	None	(1)	
419			Due Date Change or Cancellation Simple - Electronic	(NR9W2)	None	(1)	$ 5.00	(1)	None	(1)	
420			**Mechanized/Manual UNE Service Order Charge**								
421			New Simple	NRBUQ	None	(2)	$0.00	(2)	None	(2)	
422			New Complex	NRBUR	None	(2)	$0.00	(2)	None	(2)	
423			Change Simple	NRBUO	None	(2)	$0.00	(2)	None	(2)	
424			Change Complex	NRBUP	None	(2)	$0.00	(2)	None	(2)	
425			Record Simple	NRBUU	None	(2)	$0.00	(2)	None	(2)	
426			Record Complex	NRBUV	None	(2)	$0.00	(2)	None	(2)	
427			Disconnect Simple	NRBUW	None	(2)	$0.00	(2)	None	(2)	
428			Disconnect Complex	NRBUX	None	(2)	$0.00	(2)	None	(2)	
429			Suspend Simple	NRBJZ	None	(2)	$0.00	(2)	None	(2)	

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430			Suspend Complex	NRBJ7	None	(2)	$0.00	(2)	None	(2)	
431			Restore Simple	NRBJ9	None	(2)	$0.00	(2)	None	(2)	
432			Restore Complex	NRBJ8	None	(2)	$0.00	(2)	None	(2)	
433			Expedited Simple	(NRBUQ)	None	(2)	$0.00	(2)	None	(2)	
434			Expedited Complex	(NRBUR)	None	(2)	$0.00	(2)	None	(2)	
435			Customer Not Ready Simple	(NRBUQ)	None	(2)	$0.00	(2)	None	(2)	
436			Customer Not Ready Complex	(NRBUR)	None	(2)	$0.00	(2)	None	(2)	
437			Due Date Change or Cancellation Simple	(NRBUQ)	None	(2)	$0.00	(2)	None	(2)	
438			Due Date Change or Cancellation Complex	(NRBUR)	None	(2)	$0.00	(2)	None	(2)	
439			PIC Change Charge	NRBL9	None	(4)	$5.83	(4)	$1.52	(4)	
440		Maintenance of Service Charges	Basic Time - per half hour	MVV	None	(4)	$ 30.93	(4)	$ 21.32	(4)	
441			Overtime - per half hour	MVV	None	(4)	$ 36.35	(4)	$ 26.73	(4)	
442			Premium Time - per half hour	MVV	None	(4)	$ 41.77	(4)	$ 32.15	(4)	
443		Time and Materials Charges	Basic Time - per half hour	ALK,ALH,ALT	None	(4)	$ 30.93	(4)	$ 21.32	(4)	
444			Overtime - per half hour	ALK,ALH,ALT	None	(4)	$ 36.35	(4)	$ 26.73	(4)	
445			Premium Time - per half hour	ALK,ALH,ALT	None	(4)	$ 41.77	(4)	$ 32.15	(4)	
446		Nonproductive Dispatch Charges	Basic Time - per half hour	MVV	None	(4)	$ 30.93	(4)	$ 21.32	(4)	
447			Overtime - per half hour	MVV	None	(4)	$ 36.35	(4)	$ 26.73	(4)	
448			Premium Time - per half hour	MVV	None	(4)	$ 41.77	(4)	$ 32.15	(4)	
449		Miscellaneous	Performance Data	Not Applicable	ICB	(2)	ICB	(2)	ICB	(2)	
450			Special Request Processing	Not Applicable	ICB	(2)	ICB	(2)	ICB	(2)	
451			Local Discount Report - LDR per WTN (Facility Based/Resale)	CRIS	$ 0.003		None		None		
452		Dark Fiber - Interoffice	Dark fiber to Collo Cross-Connect	UCXPX	$ 1.71	(3)	$ 65.87	(3)	$ 48.44	(3)	
453			Dark Fiber - Termination	Not Applicable	$ 4.50	(1)	$ 42.52	(1)	28.41	(1)	
454			Dark Fiber Foot Zone 1	ULNCF	$ 0.002085	(1)	None	(1)	None	(1)	
455			Dark Fiber Foot Zone 2	ULNCF	$ 0.003156	(1)	None	(1)	None	(1)	
456			Dark Fiber Foot Zone 3	ULNCF	$ 0.004752	(1)	None	(1)	None	(1)	
457			Dark Fiber Foot Zone 4	ULNCF	$ 0.002085	(1)	None	(1)	None	(1)	
458		Mutual Licensing DA Listings	Per listing Initial & Subsequent	Not Applicable	None		$ 0.0585		None		
459		BCR	Per local message	Not Applicable	$ 0.080	(4)	None	(4)	None	(4)	
460			Per interstate local message	Not Applicable	$ 0.050	(4)	None	(4)	None	(4)	
461		Clearinghouse	Per originating message	Not Applicable	$ 0.020	(4)	None	(4)	None	(4)	
462			Per end user message billed	Not Applicable	$ 0.050	(4)	None	(4)	None	(4)	
463		Recording	Recording/Access Usage Record	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
464			Assembly and Editing per Message	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
465			Rating per Message	Not Applicable	$0.00	(4)	None	(4)	None	(4)	

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Line	Change/ Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurring Rate Additional		Subsequent Changes
466			Message Processing per Message	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
467			Provision of Message Detail per record	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
468			Source Info Provided per record furnished - meet point billing applicable	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
469			Source Info Provided per record furnished - meet point billing not applicable	Not Applicable	$0.00	(4)	None	(4)	None	(4)	
470		Hosting	Full Status RAO Company - Hosting Company Network per billable msg	Not Applicable	$ 0.0020	(4)	None	(4)	None	(4)	
471			Full Status RAO Company - Nat'l CMDS Network per billable mssg	Not Applicable	$ 0.0050	(4)	None	(4)	None	(4)	
472			Non-Full Status RAO Company - Hosting Company Network per billable mssg	Not Applicable	$ 0.0100	(4)	None	(4)	None	(4)	
473			Non-Full Status RAO Company - Nat'l CMDS Network per billable mssg	Not Applicable	$ 0.0070	(4)	None	(4)	None	(4)	
474			Non-Full Status RAO Company - Delivery per record charge per billable mssg.	Not Applicable	$ 0.0030	(4)	None	(4)	None	(4)	
475		E911	Feature per 1000 lines - ANI to SWBT PSAP	Not Applicable	$ 10.00	(4)	$ 80.00	(4)	None	(4)	
476			Feature per 1000 lines - ANI to Non-SWBT PSAP	Not Applicable	$ 10.00	(4)	$ 80.00	(4)	None	(4)	
477			Feature per 1000 lines - ANI and Selective Routing to SWBT PSAP	Not Applicable	$ 51.60	(4)	$ 85.00	(4)	None	(4)	
478			Feature per 1000 lines - ANI and Selective Routing to Non-SWBT PSAP	Not Applicable	$ 51.60	(4)	$ 85.00	(4)	None	(4)	
479			Feature per 1000 lines - ANI and ALI to SWBT PSAP	Not Applicable	$ 83.60	(4)	$ 85.00	(4)	None	(4)	
480			Feature per 1000 lines - ANI and ALI to Non-SWBT PSAP	Not Applicable	$ 83.60	(4)	$ 85.00	(4)	None	(4)	
481			Feature per 1000 lines - ANI, SR and ALI to SWBT PSAP	Not Applicable	$ 83.60	(4)	$ 85.00	(4)	None	(4)	
482			Feature per 1000 lines - ANI, SR and ALI to Non-SWBT PSAP	Not Applicable	$ 83.60	(4)	$ 85.00	(4)	None	(4)	
483			Trunk Charge per channel	Not Applicable	$ 58.00	(4)	$ 170.00	(4)	None	(4)	
484		Intercompany Terminating Compensation for Local Traffic									

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Line	Change/ Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurring Rate Additional		Subsequent Changes
485		Tandem Switching per MOU	Tandem Switching Per MOU	ZZUR1	$ 0.001510	(1)	None	(1)	None	(1)	
486		Blended Transport	Zone 1	Not Applicable	$ 0.000657		None		None		
487			Zone 2	Not Applicable	$ 0.000787		None		None		
488			Zone 3	Not Applicable	$ 0.000860		None		None		
489			Zone 4	Not Applicable	$ 0.000622		None		None		
490		Common Transport - Reciprocal Compensation	Termination MOU Zone 1	ZZUST	$ 0.000190	(1)	None	(1)	None	(1)	
491			Termination MOU Zone 2	ZZUST	$ 0.000285	(1)	None	(1)	None	(1)	
492			Termination MOU Zone 3	ZZUST	$ 0.000302	(1)	None	(1)	None	(1)	
493			Termination MOU Zone 4	ZZUST	$ 0.000162	(1)	None	(1)	None	(1)	
494			Termination MOU Interzone	ZZUST	$ 0.000332	(1)	None	(1)	None	(1)	
495			Facilities per mile per MOU Zone 1	ZZURF	$ 0.0000020	(1)	None	(1)	None	(1)	
496			Facilities per mile per MOU Zone 2	ZZURF	$ 0.0000070	(1)	None	(1)	None	(1)	
497			Facilities per mile per MOU Zone 3	ZZURF	$ 0.0000150	(1)	None	(1)	None	(1)	
498			Facilities per mile per MOU Zone 4	ZZURF	$ 0.0000010	(1)	None	(1)	None	(1)	
499			Facilities per mile per MOU Interzone	ZZURF	$ 0.0000030	(1)	None	(1)	None	(1)	
500		End Office Switching	Zone 1	ZZUR8	$ 0.001988	(1)	None	(1)	None	(1)	
501			Zone 2	ZZUR8	$ 0.002391	(1)	None	(1)	None	(1)	
502			Zone 3	ZZUR8	$ 0.003444	(1)	None	(1)	None	(1)	
503			Zone 4	ZZUR8	$ 0.002934	(1)	None	(1)	None	(1)	
504		Transit Compensation	Transit Rate								
505			Zone 1	Not Applicable	$ 0.001714	(1)	None	(1)	None	(1)	
506			Zone 2	Not Applicable	$ 0.001844	(1)	None	(1)	None	(1)	
507			Zone 3	Not Applicable	$ 0.001917	(1)	None	(1)	None	(1)	
508			Zone 4	Not Applicable	$ 0.001679	(1)	None	(1)	None	(1)	
509			Interzone	Not Applicable	$ 0.001863	(1)	None	(1)	None	(1)	
510			Tandem Switching	Not Applicable			None		None		
511		CMRS Transit Compensation	Transit Rate								
512			Zone 1	Not Applicable	$ 0.001714	(1)	None	(1)	None	(1)	
513			Zone 2	Not Applicable	$ 0.001844	(1)	None	(1)	None	(1)	
514			Zone 3	Not Applicable	$ 0.001917	(1)	None	(1)	None	(1)	
515			Zone 4	Not Applicable	$ 0.001679	(1)	None	(1)	None	(1)	
516			Interzone	Not Applicable	$ 0.001863	(1)	None	(1)	None	(1)	
517			Tandem Switching	Not Applicable			None		None		
518		White Pages Info Pages	Information Pages per year per book (Zone 1)	Not Applicable	None	(13)	$ 3,191.73	(13)	None	(13)	
519			Information Pages per year per book (Zone 2)	Not Applicable	None	(13)	$ 168.09	(13)	None	(13)	
520			Information Pages per year per book (Zone 3)	Not Applicable	None	(13)	$ 75.59	(13)	None	(13)	

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Line	Change/ Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurring Rate Additional		Subsequent Changes
521		White Pages Delivery	Delivery to LSP in bulk, per book, Zone 1	Not Applicable	None	(13)	$4.46	(13)	None	(13)	
522			Delivery to LSP in bulk, per book, Zone 2	Not Applicable	None	(13)	$1.29	(13)	None	(13)	
523			Delivery to LSP in bulk, per book, Zone 3	Not Applicable	None	(13)	$1.26	(13)	None	(13)	
524			Delivery to End User, per book, Zone 1	Not Applicable	None	(13)	$6.48	(13)	None	(13)	
525			Delivery to End User, per book, Zone 2	Not Applicable	None	(13)	$2.50	(13)	None	(13)	
526			Delivery to End User, per book, Zone 3	Not Applicable	None	(13)	$2.81	(13)	None	(13)	
527			Subsequent Order & Delivery, per book-all zones	Not Applicable	None	(13)	$10.00	(13)	None	(13)	
528		Poles, Ducts, and Conduit	Pole Attachment per pole per year	Not Applicable	$ 2.35	(1)	None	(1)	None	(1)	
529			Conduit Space, per duct foot per year	Not Applicable	$ 0.40	(1)	None	(1)	None	(1)	
530			Inner Duct, per duct foot per year	Not Applicable	$ 0.205	(1)	None	(1)	None	(1)	
531			Fee for Admin. Approval of requests for pole attachment and conduit space	Not Applicable	Same as fee charged to CATV providers	(1)	None	(1)	None	(1)	
532		INP Remote	Per line	Not Applicable	None	(1)	None	(1)	None	(1)	
533			Add'l Path	Not Applicable	None	(1)	None	(1)	None	(1)	
534		INP Direct	Number	Not Applicable	None	(1)	None	(1)	None	(1)	
535			Trunk Termination	Not Applicable	None	(1)	None	(1)	None	(1)	
536			D4 Channel Bank	Not Applicable	None	(1)	None	(1)	None	(1)	
537			DID Nonrecurring per #	Not Applicable	None	(1)	None	(1)	None	(1)	
538			DID Nonrecurring Transport per MOU	Not Applicable	None	(1)	None	(1)	None	(1)	
539			Conversion Order Charges for Resold Services								
540			Mechanized Simple	CRIS	None	(1)	$ 5.00	(1)	None	(1)	
541			Mechanized Complex	CRIS	None	(1)	$ 5.00	(1)	None	(1)	
542			Simple Manual	CRIS	None	(1)	$ 5.00	(1)	None	(1)	
543			Complex Manual	CRIS	None	(1)	$ 5.00	(1)	None	(1)	
544		NXX Migration per NXX	NXX Migration per NXX	Not Applicable	None	(2)	$ 12,940.00	(2)	None	(2)	
545		Local Disconnect Report	Local Disconnect Report	Not Applicable	$ 0.003	(4)	None	(4)	None	(4)	
546		Central Office Access Charge	Residential	Not Applicable	None	(5)	$ 16.35	(5)	None	(5)	
547			Business	Not Applicable	None	(5)	$ 21.30	(5)	None	(5)	
548	(1) Permanent TELRIC Based rates from final Missouri Commission order in TO-97-40										

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Line	Change/ Update	Service	Elements/Service	USOCs	MONTHLY RATE		Nonrecurring Rate First		Nonrecurring Rate Additional		Subsequent Changes
549	(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.										
550											
551	(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.										
552											
553	(4) Based on Missouri Tariff rates and or taken from SWBT/CLEC Missouri Interconnection Agreements filed with an approved by the Missouri PSC.										
554											
555	(5) Texas Tariff based rate.										
556											
557	(6) Rates are zero until October 7th, 2002.										
558											
559	(7) Pursuant to the Missouri Arbitration Order Case #TO-2000-322, this price changed to $0 on August 1, 2000.										
560											
561	(8) Effective August 1, 2000, manual loop make up information price changed to the rate of $84.15.										
562											
563	(9) SWBT rates for Cross Connects above are final & are not interim or subject to retroactive true up.										
564											
565	(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.										
566											
567	(11) Must be at same location & performed at the same time.										
568											
569	(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.										
570	(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.										

ATTACHMENT 7: ORDERING AND PROVISIONING UNBUNDLED NETWORK ELEMENTS

1.0 General Requirements

1.1 SWBT will provide pre-order, ordering and provisioning services to CLEC associated with unbundled Network Elements ("UNEs"), pursuant to the requirements set forth in this Attachment 7: Ordering and Provisioning - Unbundled Network Elements.

1.2 Charges for the relevant services provided under this Attachment are included in Appendix Pricing-UNE to Attachment 6.

1.3 CLEC may order, and SWBT will fill orders, for Unbundled Network Elements as defined in Attachment 6. Multiple individual Elements may be requested by CLEC from SWBT on a single Local Service Request (LSR) for a specific customer, without the need to have CLEC send an LSR for each Element.

1.4 CLEC may order, and SWBT will fill orders, for combinations of Unbundled Network Elements, as defined in Attachment 6. Combinations of Unbundled Network Elements may be requested by a CLEC from SWBT on a single LSR for a specific customer, without the need to have CLEC send an LSR for each Element. When no entrance facility is required, CLEC may request an EEL on an LSR without having to submit separate LSRs and ASRs, so long as the EEL components all have the same characteristics (i.e., the same speed, grade, etc.). When an entrance facility is required, both an LSR and an ASR must be submitted for the initial EEL order. However, any subsequent EEL orders involving the same entrance facility may be submitted via an LSR form, without separate submission of an ASR. In accordance with the Change Management Process, SWBT agrees to provide additional electronic methods for ordering EELs on an LSR without need for a separate ASR as those ordering requirements are developed by the industry standard Ordering and Billing Forum.

1.5 For all unbundled Network Elements and Combinations ordered under this Agreement, SWBT will provide pre-order, ordering and provisioning services equal in quality and speed (speed to be measured from the time SWBT receives the service order from CLEC) to the services SWBT provides to its end users for an equivalent service. When UNEs are ordered in combination, for example, loop and switch port, the service must be supported by all the functionalities provided to SWBT's local exchange service customers. This will include but is not limited to, MLT testing, Dispatch scheduling, and Real time Due Date assignment. The ordering and provisioning to support these services will be provided in an efficient manner which meets the performance metrics SWBT achieves when providing the equivalent end user services to an end user.

1.6 SWBT and CLEC agree to work together in the Order and Billing Forum (OBF) and the Telecommunications Industry Forum (TCIF) to establish and conform to uniform industry

standards for electronic interfaces for pre-order, ordering and provisioning. Neither Party waives any of its rights as participants in such forums in the implementation of the standards.

1.7 CLEC and SWBT will use two types of orders to establish local service capabilities based upon a UNE architecture:

1.7.1 Common Use unbundled Network Elements are defined as unbundled Network Elements provided by SWBT that are used by CLEC to provide a Telecommunications Service but are not customer specific including, without limitation, Common Transport, Dedicated Transport, tandem switching, signaling and call-related databases, and Operations Support Systems. When CLEC orders an unbundled Local Switch Port, and does not order customized routing, SWBT will provide CLEC access to SWBT's local network elements for the purposes of completing CLEC end user calls without the need for an order for the following Common Use Network Elements: Common Transport; Signaling and Call Related databases; and Tandem Switching. CLEC will pay the charges for usage of those elements in accordance with Appendix Pricing UNE - Schedule of Prices.

1.7.1.1 When CLEC utilizes UNE switching, SWBT will not delete the associated LIDB database information (except as outlined in Attachment 6, Section 9.4.4.3.1) or Directory Listings database information unless requested by CLEC. SWBT will use a mechanized process to ensure that SWBT's directory listing, 911, and LIDB information for the end-user is not deleted during the process of converting that customer from service provided by SWBT to service provided by a CLEC. 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 instruction to SWBT that the CLEC's end-user listing(s) is to remain the same as the listing(s) currently appears in SWBT's directory listing databases.

1.7.2 Customer Specific unbundled Network Elements are unbundled Network Elements provided by SWBT to CLEC that are used to provide a Telecommunications Service to a single CLEC Customer. Customer Specific unbundled Network Elements include, but are not limited to, the Local Loop, Local Switching and any combination thereof (e.g. local loop and switch port). The customer specific provisioning order, based upon OBF LSR forms, will be used in ordering and provisioning Customer Specific unbundled Network Elements. The applicable standard is TCIF EDI. SWBT agrees that the information exchange will be forms-based using the Local Service Request Form, End User Information Form, Loop Element Form (formerly Loop Service form) and Switch Element Form (formerly Port Form) developed by the OBF. The TCIF 850, 860, 855, 865 and 977 transactions will be used to convey all the necessary data to connect, modify or disconnect SWBT's Customer Specific unbundled Network Elements employed by CLEC to deliver retail local services. CLEC and SWBT will use a mutually agreeable

X.25 or TCP/IP based network to exchange requests. CLEC and SWBT will translate ordering and provisioning requests originating in their internal processes into the agreed upon forms and EDI transactions.

1.8 SWBT will accept an 860 EDI transaction that contains the complete refresh of the previously provided order information (under the original 850 transaction) simultaneously with the supplemental information from CLEC. This treatment with respect to the 860 transaction will be accepted by both parties until the OBF clarifies the information exchanges associated with the supplementing orders and CLEC and SWBT agree upon a mutually acceptable time frame for adapting their internal systems to accommodate the OBF clarifications. In no event will the time frame for adaptation extend more than one year past the date the OBF adopts standards for supplementing orders.

1.9 SWBT will provide CLEC, upon request and not more than once per quarter, an electronic compare file that will contain the subscriber information stored in the SWBT 9-1-1 database for end-user customers served by CLEC through UNE switch ports. CLEC may request that electronic compare files be provided for all of CLEC's UNE switch port customer accounts in Missouri (sorted by NPA), or by specific NPA. At CLEC's option, SWBT will provide the electronic compare file on diskette, or by e-mail to CLEC. The compare file will be created in accordance with NENA standards on data exchange. Requests for electronic compare files will be processed by SWBT within 14 days of receipt of CLEC's request. CLEC will review the electronic compare file(s) for accuracy, and submit any necessary corrections to SWBT via the appropriate 911 listing correction process. Should CLEC wish to obtain the 911 compare file more frequently than once per quarter, terms and conditions for such additional access will be mutually agreed by the parties.

2.0 Pre-Order Interface

2.1 SWBT and CLEC agree to work together to implement for UNEs the Electronic Gateway Interface (EGI) used for resold services that provides non-discriminatory access to SWBT's pre-order process. CLEC and SWBT agree to implement the electronic interface, which will be transaction based, to provide the pre-service ordering information (i.e., address verification, service and feature availability, telephone number assignment, dispatch requirements, due date and Customer Service Record (CSR) information), subject to the conditions as set forth in Attachment 2: Ordering and Provisioning - Resale, Section 1.4.

3.0 Ordering and Provisioning Interface

3.1 In areas where SWBT does not provide an electronic interface for the pre-order, ordering and provisioning processes, SWBT and CLEC will develop manual work around processes until such time as the transactions can be electronically transmitted. If unbundled Network Elements or Combinations are provided by SWBT to CLEC before

electronic interfaces are established between CLEC and SWBT, CLEC will transmit pre-order, ordering and provisioning requests to the SWBT Local Service Center (LSC) via facsimile and/or telephone or other mutually agreed upon means to SWBT. The SWBT LSC will respond to CLEC calls with the same level of service that SWBT provides pursuant to Section 1.5 of Attachment 2. When CLEC elects to process orders manually, it may choose to submit a log listing its order requests. When such a log is submitted, SWBT will return an acknowledgement, verifying which or all of the accompanying orders were received by SWBT on that fax. This return acknowledgement will be submitted within one hour of the time CLEC's log is received. SWBT is developing a process for mechanized fax return of FOC for manually submitted orders.

3.2 SWBT will provide an industry standard ordering EDI interface to enable CLEC to perform all of the service order functions listed in Exhibit A to this Attachment (including conversion as specified, new connects, disconnects, change orders, records only order, Outside Moves, T&F order, supplemental orders, firm order confirmation, jeopardies, rejects, and order completion) for individual and combinations of elements for the capabilities listed in Exhibit A to this Attachment (including individual elements, combinations, TSR to UNE, and UNE to TSR). SWBT and CLEC agree to use an industry standard EDI interface for the EDI ordering process. In addition, CLEC and SWBT agree to use a standard format for (1) ordering and provisioning, (2) time frame and mechanization requirements for transport and (3) Common Use Unbundled Network Elements (including, but not limited to signaling and call related databases, operator services and directory assistance). In any event, SWBT will make all unbundled Network Elements provided for in this Agreement available for ordering and purchase by CLEC.

3.2.1 SWBT also will make available to CLEC LEX. At least the following service order types may be processed via LEX: Conversion (as specified); Change (Features, Listings, interLATA and intraLATA [when available] Long Distance PICs); New Connect; Disconnect; From and To (change of premises with same service).

3.2.2 SWBT will make access to its Southwestern Order Retrieval and Distribution (SORD) system generally available to CLEC upon request. Due to the unique and varied options available to CLEC through use of SORD, CLEC will advise SWBT of the functionalities to which it desires access, such as those identified in the February 26, 1999 Accessible Letter, CLECSS99-027. Specific terms and conditions for those functionalities will be negotiated and incorporated herein through a separate appendix. There is no charge for access to SORD, other than the OSS access charge contained in Appendix Pricing-UNE Schedule of Prices.

3.3 CLEC and SWBT agree to implement the electronic interface, which will be transaction based, to provide the pre-service ordering information for unbundled Network Elements (i.e., address verification, service and feature availability, telephone number assignment, dispatch requirements, due date, and Customer Service Record information (CSR) in English subject to the conditions as set forth in Attachment Resale) with the Effective

Date of the Agreement. SWBT and CLEC also agree to work together to implement an Electronic Data Interface (EDI) for ordering and provisioning specified in the Local Service Ordering Electronic Data Interchange (EDI) Support Implementation Guide (SIG) dated May 20, 1996, or as otherwise agreed to in writing by the Parties. Both EDI for pre-order and EDI for ordering and provisioning will be available with the Effective Date of the Agreement for all pre-order and ordering and provisioning order types and functions as outlined in Exhibit A.

3.4 Upon request by CLEC, SWBT and CLEC agree to work together to develop and implement an electronic communication interface that will replace the initial pre-order electronic interface and the ordering and provisioning EDI gateway and provide for Real Time data transfer, consistent with industry standards developed by the OBF and the TCIF. The Parties agree to implement this replacement interface as soon as practical, but no later than 120 days after the Electronic Communication Implementation Committee (ECIC) of TCIF standard reaches the status of "Final Closure," unless a later date is mutually agreed upon. SWBT will maintain the portion of this electronic interface implemented for certain transactions pursuant to EDI 9 pre-order requirements, and will implement the requirements of EDI 10 for pre-order pursuant to the Change Management Process.

3.5 SWBT will provide a Single Point of Contact (SPOC) for all of CLEC's pre-ordering, ordering, and provisioning contacts (via an 800# to the LSC) between 8 a.m. to 5:30 p.m. Monday through Friday (except holidays). SWBT will respond to emergency requests for after hours pre-ordering, ordering and provisioning via the LOC 24 hrs/day, 7 days a week.

3.5.1 SWBT will provide pre-ordering, ordering and provisioning services to CLEC for unbundled Network Elements Monday through Friday from 8 a.m. to 5:30 p.m. through the LSC or the LOC as applicable. CLEC may request, at least two business days prior to the requested availability or as otherwise mutually agreed, that SWBT provide Saturday, Sunday, holiday, and/or additional out-of-hours (other than Monday through Friday from 8:00 a.m. to 5:30 p.m.,) pre-ordering, ordering, and/or provisioning services. If CLEC requests that SWBT perform such services, SWBT will quote, within one (1) business day of the request, a cost-based rate for the number of hours and materials estimated for such services. If CLEC accepts SWBT's quote, SWBT will perform such services to CLEC in the same manner as it does for itself and will bill CLEC for the actual hours worked and materials used.

3.6 SWBT will provide availability to electronic systems interfaces for pre-order capabilities for unbundled Network Elements as set forth in Section 1.8 of Attachment 2: Ordering and Provisioning - Resale. SWBT will provide availability to electronic system interfaces for EDI file transmission for ordering unbundled Network Elements in parity with availability for ordering Resale Services. In any event, SWBT will provide CLEC availability to electronic interfaces for all pre-order, ordering and provisioning processes

equal to the availability that SWBT provides to itself. These electronic system interfaces will conform to the terms of paragraphs 2.1 above and paragraph 7.1 below for the pre-ordering, ordering and provisioning of Customer Specific Unbundled Network Elements. SWBT will also provide to CLEC a toll free nationwide telephone number to the LSC for issues connected to the electronic system interfaces (operational from 8:00 a.m. to 5:30 p.m., Monday through Friday), which will be answered by capable staff trained to answer questions and resolve problems in connection with the electronic interface associated with the provisioning of Unbundled Network Elements. SWBT will also provide a help desk function for electronic system interfaces with out-of-hours coverage from 5:30 p.m. to 8:00 p.m., Monday through Friday, and from 8:00 a.m. through 8:00 p.m. on Saturday.

3.7 SWBT and CLEC will jointly establish interface contingency and disaster recovery plans for the pre-order, ordering and provisioning of SWBT's Unbundled Network Elements. On or before the Effective Date of this Agreement, SWBT will provide a disaster recovery plan associated with the recovery of any systems and/or functions connected with the pre-order, ordering and provisioning processes.

3.8 SWBT will recognize CLEC as the customer of record for all Unbundled Network Elements ordered by CLEC and will send all notices, invoices and pertinent information directly to CLEC.

3.9 SWBT will provide the following to CLEC upon request:

3.9.1 A list of all services and features activated and working for each switch that SWBT may use to provide a Local Switching Element, by switch CLLI and NPA NXX. In addition, SWBT shall provide information regarding the type of switching equipment, installed version of software generic, secured features, identification of any software or hardware constraints or enhancements, and a means to reliably correlate a customer address with the data to the extent such information is not proprietary. Within ten (10) business days after the Effective Date of the Agreement, SWBT will provide CLEC an initial electronic copy of this Information. SWBT will provide a complete update of the information to CLEC electronically on a quarterly basis, or as CLEC may otherwise request. If CLEC requests more than one update in any quarter, a charge may apply for each such additional request. The Parties agree to negotiate in good faith whether and to what extent such a charge should apply.

3.9.2 Designed Layout Record Card for designed Unbundled Network Elements;

3.9.3 Advanced information on the details and requirements for planning and implementation of NPA splits via Accessible Letters; or, where SWBT is not the Central Office Code Administrator, to the extent the information is not available to CLEC in the same manner it is available to SWBT, SWBT will provide copies of notices containing such information received by SWBT to CLEC.

3.9.4 A subset of the Street Address Guide (SAG), transmitted electronically, which includes street addresses and the associated serving switches, enabling CLEC to map a customer address to a specific serving switch. SWBT will provide this information to CLEC within ten (10) business days after the Effective Date of this Agreement and quarterly thereafter except as CLEC may otherwise request. If CLEC requests more than one update in any quarter, a charge may apply for each such additional request. The Parties agree to negotiate in good faith whether and to what extent such a charge should apply.

3.9.5 A list of current edits maintained in SWBT's LASR system, as well as those slated for inclusion in LASR.

3.9.6 A guide to the error codes used by SWBT for orders submitted by CLEC through the gateway that are rejected. The error code guide will be provided electronically, via SWBT's Internet website. New electronic error codes will be introduced through the accessible letter process and in accordance with the Change Management Process.

3.10 Each Party will train its employees who have contact with the other Party not to discriminate against the other Party and not to disparage the other Party to the other Party's customers.

3.11 SWBT and CLEC will work together to develop methods and procedures between SWBT's LSC and CLEC's corresponding Work Center(s) and between SWBT's LOC and CLEC's corresponding Work Center(s) regarding systems, work center interfaces, and to establish an agreed upon process for changing methods and procedures. An error resolution team in the LSC will deal specifically with those service orders in error status after the order has reached completion status, but before the order has posted to SWBT's billing system. SWBT will clear any such errors prior to the next SWBT billing date applicable to that order.

3.12 SWBT and CLEC will work cooperatively in establishing and implementing practices and procedures regarding fraud and service annoyance handling.

3.13 SWBT and CLEC will establish mutually acceptable methods and procedures for handling all misdirected calls from CLEC customers requesting pre-order, ordering or provisioning services. All misdirected calls to SWBT from CLEC customers will be given a recording (or a live statement) directing them to call their local provider. To the extent SWBT procedures change such that CLEC customers become identifiable, such customers will be directed to call CLEC at a designated 800 number. CLEC on a reciprocal basis will refer all misdirected calls that CLEC receives from SWBT customers to a SWBT designated number. CLEC and SWBT will agree on the scripts to be used for this purpose.

4.0 Pre-Ordering and Ordering Interface Requirements

4.1 SWBT will provide to CLEC EDI electronic interfaces for transferring and receiving order, Firm Order Confirmation (FOC), service completion, and other provisioning data and information. The EDI interfaces will be administered through a gateway that will serve as a single point of contact for the transmission of such data from CLEC to SWBT, and from SWBT to CLEC. The requirements and implementation of such a data transfer system are subject to future agreement by CLEC and SWBT, but will conform to the terms of Section 3 of this Attachment. SWBT's technical documentation will match the business requirements provided by SWBT to CLEC for development of its EDI interface. SWBT also will participate with CLEC in the established Change Management Process. SWBT agrees to announce and implement EDI releases in accordance with the policies, practices, and scheduling set forth jointly by SWBT and CLECs in the documented Change Management Process, as may be modified from time to time in accordance with the Change Management Process. Any CLEC in the process of negotiating and/or arbitrating an interconnection agreement with SWBT and any CLEC with an interconnection agreement with SWBT may participate in the Change Management Process. SWBT and CLECs will hold regular Change Management Process meetings. Such meetings shall be held monthly, with staff oversight from the Texas Public Utility Commission, at least through December 1999. SWBT will provide CLECs with the timely ability to participate in establishing the agenda for such meetings. Within two weeks of each such meeting, SWBT will file the minutes of the meeting with the Texas Public Utility Commission under Project Nos. 16251 and 20400 (while those projects remain open) and provide them to the Missouri Public Service Commission upon its request. SWBT will submit the minutes of the Change Management Process meetings to CLEC to provide input to the minutes at least five (5) days before SWBT files the minutes with the Texas Public Utility Commission. If SWBT refuses to incorporate CLEC's comments into the minutes, those comments will be filed together with the minutes prepared by SWBT. SWBT will provide complete documentation of the change management process in Texas Project Nos. 16251 and 20400, and a dispute resolution procedure will be developed in those Projects for the change management forum.

4.1.1 SWBT will provide flow-through capability in accordance with the requirements of Texas PUC Docket No. 19000 and Project No. 16251, and will develop additional flow-through capability through the Change Management Process in Project No. 20400. At a minimum, SWBT represents that its existing mechanized flow-through capability is accurately reflected in SWBT's Collaborative Process submission in Project No. 16251 dated September 21, 1998 stamped page 954 to SWBT's December 1, 1998 Affidavit of Chris Bourgeacq.

4.1.2 SWBT will continue to maintain the editing capabilities of SWBT's LEX and Verigate interfaces that enable CLEC to copy existing service and address information from Verigate and paste it into the appropriate fields in LEX and/or to copy data from field to field within LEX or from Verigate to LEX.

4.2 When ordering unbundled Network Elements or Combinations, CLEC's representatives will have access to a pre-order electronic gateway provided by SWBT that provides Real Time access to SWBT's information systems. This gateway will be a Telecommunications Protocol/Internet Protocol (TCP/IP) gateway and will allow the CLEC representatives to perform the following tasks:

4.2.1 Obtain SWBT customer information, including customer name, billing address and residence or business address, billed telephone numbers and features and services available in the end office where the customer is provisioned;

4.2.2 Identify features and services to which the SWBT customer subscribes (CLEC agrees that CLEC's representatives will not access the information specified in this Subsection until after the customer requests that the customer's local exchange service provider be changed to CLEC);

4.2.3 Electronically assign a telephone number (if the customer does not have one assigned) with the customer on-line. Reservation and aging of these numbers remain SWBT's responsibility. For "vanity" numbers, SWBT will provide a manual process until an electronic capability becomes available. All these processes will permit reservation of a number, including, without limitation, a vanity number, for thirty days for consumer and business services;

4.2.4 Determine if a service call is needed to install the line or service;

4.2.5 Provide service availability dates to the customer;

4.2.6 Provide information regarding the dispatch/installation schedule, if applicable;

4.2.7 Provide PIC options for intraLATA toll (when available) and interLATA toll;

4.2.8 Perform address verification.

4.3 All CSR data exchanged must be in English, not USOC or FID format. All other data will be in a mutually agreed upon nomenclature.

5.0 Ordering Requirements

5.1 Upon CLEC's request through a Suspend/Restore order, SWBT will suspend or restore the functionality of any unbundled Switch Port for any CLEC local service customer. In such instances, all unbundled Network Elements provided by SWBT will remain intact. SWBT will implement any restoration priority for unbundled Local Switching in a manner that conforms with CLEC requested priorities and any applicable regulatory policy or procedures. The charge for a Suspend/Restore order is reflected in

Attachment 6, Appendix Pricing UNE - Schedule of Prices labeled "Service Order Charges - Unbundled Element."

5.2 SWBT will provide to CLEC the functionality of blocking calls (e.g., 900, international calls, and third party or collect calls) by line or trunk to the extent that SWBT provides such blocking capabilities to its customers and to the extent required by law.

5.3 When ordering unbundled Local Switching, CLEC may order from SWBT separate interLATA and intraLATA service providers (i.e., two PICs), when available, on a line or trunk basis. SWBT will accept PIC change orders for intraLATA toll and long distance services through the service provisioning process.

5.4 Unless otherwise directed by CLEC, when CLEC orders unbundled Local Switching, SWBT will make every attempt to insure that all pre-assigned trunk or telephone numbers currently associated with that Element will be retained. To the extent such losses occur, SWBT will work cooperatively with CLEC to remedy such occurrences over time.

5.4.1 When SWBT has initiated a suspension on a SWBT end user's account or disconnects an end user for nonpay, SWBT will not release the telephone number being used by the end user until such time as the end user's account has been paid in full. Conversely, SWBT agrees that when CLEC initiates a suspension on one of their end user's accounts or disconnects their end user for nonpay, SWBT will abide by the same provisions regarding telephone number release.

5.5 SWBT will provide order format specifications to CLEC for all services, features, and functions available and for ancillary data required by SWBT to provision these services.

5.6 SWBT will provide CLEC with standard provisioning intervals for all unbundled Network Elements and combinations as compared to SWBT customers for equivalent service. These intervals are found in Attachment 17.

5.7 For unbundled Local Switching, SWBT will update the E911 service provider information and establish primary directory listing, in accordance with Attachment 19: White Pages Listings, appropriate for the unbundled Local Switching from CLEC's service order.

5.8 On a conversion as specified order, SWBT will not require CLEC to provide data that SWBT has not made available to CLEC, or that CLEC does not have reasonable access to otherwise. Except as outlined in Attachment 6, Section 9.4.4.3.1, SWBT will not delete the associated LIDB database information or Directory Listings database information unless requested by CLEC. SWBT will use a mechanized process to ensure that SWBT's directory listing, 911, and LIDB information for the end-user is not deleted during the process of converting that customer from service provided by SWBT to service provided by a CLEC. 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. SWBT will treat non-submission of the DL Form as instruction to SWBT that the CLEC's end-user listing(s) is to remain the same as the listing(s) currently appears in SWBT's directory listing databases.

5.9 At such time that CLEC determines to use AIN features, the Parties will jointly determine Ordering and Provisioning procedures for AIN services.

6.0 Provisioning Requirements

6.1 Except in the event an CLEC local service customer changes their local service provider to another LSP or SWBT, SWBT may not initiate any CLEC end user requested disconnection or rearrangement of Unbundled Network Elements or Combinations unless directed by CLEC. Any CLEC customer who contacts SWBT regarding a change in CLEC service will be advised to contact CLEC. Any SWBT customer who contacts CLEC regarding a change in SWBT service will be advised to contact SWBT. In those instances when any CLEC local service customer changes their local service provider to another LSP or SWBT, CLEC will be notified as described in the LSP change notification process, contained in Local Account Maintenance Methods and Procedures dated July 29, 1996, or as otherwise may be agreed to by the Parties.

6.2 Upon request from CLEC, SWBT will provide an intercept referral message that includes any new telephone number of an CLEC end user for the same period of time that SWBT provides such messages for its own end users. CLEC and SWBT will agree on the message to be used, which will be similar in format to the intercept referral message currently provided by SWBT for its own end users.

6.3 SWBT will provide CLEC with an FOC for each order (multiple WTNs may be included on one order). The FOC will contain but is not necessarily limited to: purchase order number, telephone number, Local Service Request number, due date and Service Order number. For orders submitted via EDI or LEX, SWBT's LASR system will process orders on a real time basis, rather than in a batch mode.

6.4 Upon work completion, SWBT will provide CLEC with an 855 EDI transaction based Order Completion that states when that order was completed. When available, SWBT will provide CLEC an 865 EDI transaction based Order Completion. This capability will be available when standards are completed by OBF and TCIF / EDI Committees or as agreed to by the Parties. For orders submitted via EDI or LEX, SWBT's LASR system will process orders on a real time basis, rather than in a batch mode. Upon completion, for orders submitted via EDI or LEX, SOCs will be returned on a real-time basis and in accordance with Attachment 17.

6.5 Where available, SWBT will perform pre-testing and will provide in writing (hard copy) or electronically, as directed by CLEC, all test and turn up results in support of Unbundled Network Elements or Combinations ordered by CLEC.

6.6 As soon as identified, SWBT will provide CLEC a 997 EDI transaction based Rejection/errors notification occurring in any of the EDI data element(s) fields contained on any CLEC order. CLEC will provide 997s for the 855 and 865 EDI Transactions originating from SWBT.

6.7 When available, SWBT will provide CLEC an 855 EDI transaction based reply when SWBT's committed Due Date (DD) is in jeopardy of not being met by SWBT on any Unbundled Network Elements or Combinations. SWBT's implementation of this capability will be in accordance with industry guidelines promulgated by the Ordering and Billing Forum, and with the Change Management Process. SWBT will concurrently provide the revised due date. SWBT may satisfy its obligations under this paragraph by providing CLEC access through the electronic interface to a database which identifies due dates in jeopardy and provides revised due dates as soon as they have been established by SWBT. On an interim basis, where available, SWBT and CLEC will establish mutually acceptable methods and procedures for handling the processes for a jeopardy notification or missed due date. SWBT has implemented and will maintain a mechanized interface between its Southwestern Held Order Tracking System ("SHOTS") interface and its EDI and LEX interface, via LASR to provide CLEC with electronic notification for jeopardy situations related to facility conditions.

6.8 Any written "leave behind" materials that SWBT technicians provide to CLEC local customers will be branded materials that do not identify the work being performed as being SWBT's. These materials will include, without limitation, CLEC branded forms for the customer and CLEC branded "not at home" cards. "CLEC branded" materials, to be utilized by SWBT installation, maintenance and/or repair technicians when dealing with CLEC's customers, will be furnished to SWBT by and at the sole expense of CLEC. SWBT will not rebrand its vehicles and personnel. CLEC will provide a single point of contact so that SWBT, including individual SWBT technicians, can order "CLEC branded" materials via a toll free telephone number provided by CLEC, for delivery to an address specified by SWBT or the technician.

6.9 SWBT technicians will refer CLEC local customers to CLEC, if a CLEC local customer requests a change to service at the time of installation. When a SWBT employee visits the premises of an CLEC local customer, the SWBT employee must inform the customer that he or she is there acting on behalf of CLEC.

6.10 SWBT will provide telephone and/or facsimile notification of any charges associated with required construction for a given service, and obtain CLEC's approval prior to commencing construction under an CLEC order for such service.

6.11 When industry standards are established, and SWBT and CLEC mutually agree to an implementation schedule, SWBT will provide provisioning status notification for all provisioning orders issued to SWBT by CLEC.

6.12 When CLEC orders Elements or Combinations that are currently interconnected and functional, such Elements and Combinations will remain interconnected and functional without any disconnection and without loss of feature capability and without loss of associated Ancillary Functions. This will be known as Contiguous Interconnection of Network Elements. There will be no charge for such interconnection, other than the recurring and nonrecurring charges applicable to the elements included in the combination, and the electronic service order charge as specified in Attachment 6, Section 14.2.

6.12.1 "Contiguous Network Interconnection of Network Elements" includes, without limitation, the situation when CLEC orders all the SWBT Network Elements required to convert a SWBT end-user customer or an CLEC resale customer to CLEC unbundled Network Elements service (a) without any change in features or functionality that was being provided by SWBT (or by CLEC on a resale basis) at the time of the order or (b) with only the change needed to route the customer's operator service and directory assistance calls to the CLEC OS/DA platform via customized routing and/or changes needed in order to change a local switching feature, e.g., call waiting. (This section only applies to orders involving customized routing after customized routing has been established to an CLEC OS/DA platform from the relevant SWBT local switch, including CLEC's payment of all applicable charges to establish that routing.) There will be no interruption of service to the end-user customer in connection with orders covered by this section, except for processing time that is technically necessary to execute the appropriate recent change order in the SWBT local switch. SWBT will treat recent change orders necessary to provision CLEC orders under this section at parity with recent change orders executed to serve SWBT end-user customers, in terms of scheduling necessary service interruptions so as to minimize inconvenience to end-user customers.

6.13 When CLEC orders Unbundled Local Switching, CLEC may also obtain all installed technically available features and functions from the specified SWBT switch (e.g., CLASS, and LASS features).

7.0 Order Format and Data Elements

7.1 In ordering and provisioning unbundled Network Elements and Combinations, CLEC and SWBT will utilize mutually agreeable standard industry order formats and data elements developed by the OBF and TCIF EDI. Where industry standards do not currently exist for the ordering and provisioning of unbundled Network Elements or Combinations, CLEC and SWBT agree to jointly develop a form for ordering Common-Use Unbundled Network Elements not later than one (1) month after the Effective Date of the Agreement or by any other mutually agreed upon date. Common-Use Unbundled Network Elements,

including, without limitation, tandem switching, signaling and call-related databases, Operator Services and DA, and Operations Support Systems, shall be ordered in a manner that is consistent with the OBF Access Service Request Process. Customer Specific Unbundled Network Elements, including, without limitation, Local Loop (which includes NID), and unbundled Local Switching, will be ordered consistent with the OBF Local Service Request (LSR) Process.

8.0 Performance Requirements

8.1 When CLEC places an LSR, CLEC will specify a requested Due Date (DD), and SWBT will specify a DD based on the applicable intervals. In the event CLEC's requested date is less than the standard interval, CLEC will contact SWBT and the Parties will negotiate an expedited DD. This situation will be considered an expedited order and applicable charges will apply as reflected in Attachment 6, Appendix Pricing UNE Schedule of Prices labeled "Service Order Charges - Unbundled Element Expedited". SWBT will not complete the order prior to the DD or later than the DD unless authorized by CLEC.

8.2 Within two (2) business hours after a request from CLEC for an expedited order, SWBT will notify CLEC of the status of the order within the expedited interval. A business hour is any hour occurring on a business day between 8:00 a.m. and 5:00 p.m.

8.3 Once an order has been issued by CLEC and CLEC subsequently requires a new DD that is sooner than the committed DD, CLEC will issue an expedited modify order. SWBT will notify CLEC within two (2) business hours of the status of the order requesting the new DD.

8.4 CLEC and SWBT will agree to escalation procedures and contacts for resolving questions and disputes relating to ordering and provisioning procedures or to the process of individual orders, subject ultimately to the dispute resolution provisions of this Agreement. SWBT will notify CLEC of any modifications to these contacts one (1) week in advance of such modifications.

8.5 SWBT will provide Performance Measurements as outlined in Attachment 17 under this Agreement.

9.0 Intervals for Order Completion for UNE and Other Items

9.1 SWBT will provide Performance Measurements as outlined in Attachment 17 under this Agreement.

10.0 Operational Readiness Test (ORT) for Ordering/Provisioning

10.1 SWBT will participate with CLEC in Operational Readiness Testing (ORT) which will allow for the testing of the systems, interfaces, and processes for the pre-ordering, ordering and provisioning of unbundled Network Elements or Combinations. ORT will be completed in accordance with a schedule mutually agreed to by the Parties. Such ORT will begin not later than three (3) months after the Effective Date of the Agreement.

11.0 Pricing

11.1 Charges for the relevant services provided under this Attachment and prices for access to OSS are included in Attachment 6, Appendix Pricing UNE - Schedule of Prices labeled "Operations Support Systems (OSS)".

12.0 SWBT will issue a credit to CLEC where such credit is due, whether on any bill on which double billing may occur or otherwise. When SWBT determines that such credit is due, SWBT will issue this credit within thirty (30) days.

PRE-ORDER AND ORDERING AND PROVISIONING - UNE

Function	Loop	INP	Loop w/ INP	Switch Port	Loop w/ Port + OS/DA	Loop w/ Port - OS/DA	Dedicated Transport	DSR
PRE-ORDER								
Address Verification	X	X	X	X	X	X	X	X
Service/Feature Availability	X	X	X	X	X	X	X	X
Telephone Number Assignment	X	X	X	X	X	X	X	X
Dispatch Schedule	X	X	X	X	X	X	X	X
Due Date	X	X	X	X	X	X	X	X
Customer Service Record	X	X	X	X	X	X	X	X
ORDERING & PROVISIONING								
Conversion as Specified	X[1,6,7,8]	X[2]	X[1,6,7,8]	X[1,4]	X[1,4,6,8]	X[1,4,6,7]	X[9]	X
Add/Disc Class Features				X	X	X		
Add/Disc Blocking (e.g.,1+, 0+, 011, 900)				X	X	X		
PIC and PIC Freeze				X	X	X		
Add/Disc Lines	X	X[3]	X[,3]	X[5]	X	X		X[11]
Directory Listing - White – Straight Line	X	X	X	X	X	X		X
Directory Listing - White – Other than Straight Line	X	X	X	X	X	X		X
Partial Migration (Line/WTN vs. Account Level)	X	X	X	X	X	X		X[11]

Function	Loop	INP	Loop w/ INP	Switch Port	Loop w/ Port + OS/DA	Loop w/ Port - OS/DA	Dedicated Transport	DSR
Type of Port (e.g. POTS, ISDN)				X	X	X		
Line Conditioning	X		X		X	X		
With / Without Diversity	X		X		X	X	X	
With / Without Clear Channel Capability	X[10]		X[10]		X[10]	X[10]	X	
New Connects	X	X[3]	X[3]	X[5]	X	X	X	X
Single Line	X		X[3]		X	X		
Multi-Line (Less Than 30 Lines)	X		X[3]		X	X		
Projects (Large Job - add'l facilities/coordinated work effort required - need SWBT criteria)	X		X[3]		X	X		
Disconnects	X	X	X	X	X	X	X	X
Change Orders	X	X	X	X	X	X	X	X
Add/Disc Class Features				X	X	X		
Simple Number Change		X	X	X	X	X		
Add/Disc Blocking				X	X	X		
PIC and Local PIC Change				X	X	X		
Add/Disc Lines	X	X[3]	X[3]	X[5]	X	X		X[11]

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Function	Loop	INP	Loop w/ INP	Switch Port	Loop w/ Port + OS/DA	Loop w/ Port - OS/DA	Dedicated Transport	DSR
Directory Listing - White – Straight Line	X	X	X	X	X	X		X
Directory Listing - White – Other than Straight Line	X	X	X	X	X	X		X
Suspend/Restore Non-Payment				X	X	X		
Suspend/Restore Vacation Svc.				X	X	X		
Type of Port (e.g. POTS, ISDN)				X	X	X		
Line Conditioning	X		X		X	X		
With / Without Diversity	X		X		X	X	X	
With / Without Clear Channel Capability	X[10]		X[10]		X[10]	X[10]	X	
Records Only Order	X	X	X	X	X	X	X	X
T&F Order					X	X		
Outside Move	X		X		X	X	X	
Inside Move	X		X		X	X		
POST SERVICE ORDER EDI TRANSACTIONS								
Supplemental Orders	X	X	X	X	X	X	X	X
Firm Order Confirmation (FOC)	X	X	X	X	X	X	X	X

Function	Loop	INP	Loop w/ INP	Switch Port	Loop w/ Port + OS/DA	Loop w/ Port - OS/DA	Dedicated Transport	DSR
Jeopardies	X	X	X	X	X	X	X	X
Rejects	X	X	X	X	X	X	X	X
Order Completion	X	X	X	X	X	X	X	X

Footnotes:

1. Existing SWBT customer, existing CLEC TSR customer, existing CLEC TSR customer, existing CLEC UNE (Platform, port or loop) customer.
2. Existing SWBT number or existing CLEC INP number.
3. "Numbers" should be substituted for "lines"
4. Existing CLEC Unbundled Loop customer
5. "Ports" should be substituted for "lines"
6. Existing CLEC Unbundled Switch Port customer
7. Existing CLEC UNE Loop w/Port +OS/DA customer
8. Existing CLEC UNE Loop w/Port -OS/DA customer
9. Existing CLEC leased facility
10. Only applies to DS-1 loops
11. "Directory Listings" should be substituted for "lines"

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ATTACHMENT 8: MAINTENANCE - UNBUNDLED NETWORK ELEMENTS

1.0 General Requirements

1.1 SWBT will provide repair, maintenance, testing, and surveillance for all unbundled Network Elements and any Combinations of Network Elements (Combinations) as described in Attachment 6 of the Agreement in accordance with the terms and conditions of this Attachment.

2.0 Maintenance Requirements

2.1 SWBT will provide maintenance for all unbundled Network Elements and Combinations ordered under this Agreement at levels equal to the maintenance provided by SWBT in serving its end user customers, consistent with Attachment 6 UNE, Section 2.4.1, and will meet the requirements set forth in this Attachment. Such maintenance requirements will include, without limitation, those applicable to testing and network management. The maintenance to support these services will be provided in a manner which meets the performance metrics provided for in Attachment 17.

3.0 Electronic Bonding

3.1 SWBT and CLEC agree to work together in the Electronic Communications Implementation Committee (ECIC) or other appropriate organizations to establish uniform industry standards for Electronic Bonding Interfaces (EBI), in accordance with the ANSI T1.227 and T1.228, to support repair and maintenance of Unbundled Network Elements and Combinations.

3.1.1 CLEC at its option may elect not to participate in ECIC.

3.2 Upon request, CLEC and SWBT agree to work together to implement Phase I of EBI as set forth in Fault Management Electronic Bonding Interface for Local Service – Version 2, Draft 1, dated September 12, 1996, or as subsequently modified and provided to SWBT January 15, 1997. If CLEC fails to begin testing within three (3) months after the Effective Date of the agreement to enter into Electronic Bonding, SWBT will require CLEC to negotiate new testing and completely operational dates. Phase 1 will provide the following functions:

a) the ability to enter a new trouble ticket electronically;

b) the ability to receive the Estimated Time To Repair ("ETTR") electronically with the successful creation of the trouble ticket;

c) the ability to retrieve and track the current status on all electronically bonded trouble tickets;

d) the ability to get applicable charges at ticket closure. For non-designed services this will include the maintenance of service charge indicator. For special services, this will include the number of hours per technician and the bill activity type;

3.3 SWBT and CLEC agree to work together to develop new or modify existing standards for Phase II of EBI (specific date by which said development is to be completed to be jointly agreed upon) which will provide CLEC the following capabilities, including, but not limited to:

a) performing feature and line option verification and request corrections;

b) performing network surveillance (e.g., performance monitoring);

c) initiating and receiving test results;

d) receiving immediate notification of missed appointments;

e) identifying existing cable failures (by cable and pair numbering).

3.4 SWBT agrees to notify CLEC of upgrades to existing test systems and the deployment of new test systems within SWBT and to negotiate with CLEC to allow CLEC to use such systems through a controlled interface.

3.5 This EBI will conform to ANSI standards T1.227:1995 and T1.228:1995, Electronic Communication Implementation Committee (ECIC) Trouble Report format Definition (TFRD) Number 1 as defined in ECIC document ECIC/TRA/95-003, and all standards referenced within those documents, as mutually agreed upon by CLEC and SWBT.

3.6 The Parties will use and acknowledge functions currently implemented for reporting troubles. These functions include Enter Trouble, Request Trouble Report Status, Add Trouble Information, Modify Trouble Report Attributes, Trouble Report Attribute Value Change Notification, and Cancel Trouble Report, as explained in clauses 6 and 9 of ANSI T1.228:1995.

3.7 CLEC and SWBT will exchange requests over a mutually agreeable network. CLEC and SWBT will translate maintenance requests or responses originating in their internal processes into the agreed attributes and elements.

3.8 SWBT and CLEC will modify the EBI to incorporate updates to the applicable ANSI and ECIC standards referenced above, unless the Parties agree to defer or forego a particular modification.

4.0 Repair Service Response

4.1 SWBT technicians will provide repair service on Unbundled Network Elements and Combinations that is at least equal in quality to that provided to SWBT customers; trouble calls from CLEC will receive response time and priorities that are at least equal to that of SWBT customers. CLEC and SWBT agree to use the severity and priority restoration guidelines set forth in SWBT MMP 94-08-001 dated April 1996, and as subsequently modified. Performance Measurements are found in Attachment 17.

5.0 Intercompany Communications

5.1 The SWBT Network Management Service Center ("NMSC") will notify CLEC of the existence, location, and source of all emergency network outages affecting an CLEC customer. The CLEC may call the SWBT NMSC in order to discuss scheduled activities that may impact CLEC Customers. For purposes of this subsection, an emergency network outage is defined as 5,000 or more blocked call attempts in a ten (10) minute period, in a single exchange.

6.0 Emergency Restoration Plan

6.1 SWBT will provide CLEC with mutually agreed upon emergency restoration and disaster recovery plans. Such plans will include, at a minimum, the following:

6.2 The establishment of a single point of contact (SPOC) responsible for initiating and coordinating the information relating to the status of maintenance/restoration efforts and problem resolution for all unbundled Network Elements and Combinations for CLEC;

6.3 Disaster recovery notification will be made in accordance with SWBT Central Office Disaster Recovery Plan MMP 94-12-001 dated April 19, 1996, and as subsequently modified;

6.4 The SWBT NMSC will notify CLEC's NMC of all activities involving central office and interoffice networks;

6.5 The SWBT LOC (Local Operations Center) will notify the CLEC CNSC of any local loop facility activities or failures, as the SWBT LOC becomes aware of them. SWBT must notify CLEC of maintenance work in the following situations: (1) when maintenance activity is planned; (2) when there are unexpected major outages. When a network element is dedicated to CLEC, SWBT must work with CLEC to schedule maintenance activity. SWBT must make reasonable accommodations to CLEC when scheduling the maintenance of a dedicated network element.

6.6 Methods and procedures for mobile restoration equipment, SWBT MMP 94-06-001 dated May 21, 1996, and MMP 94-12-001 dated April 19, 1996, and as subsequently modified;

6.7 Methods and procedures for reprovisioning of all unbundled Network Elements and Combinations after initial restoration. SWBT agrees that Telecommunications Service Priority ("TSP") services for CLEC carry equal priority with SWBT TSP services for restoration. SWBT will follow the guidelines established under the National Security Emergency Procedures (NSEP) plan and will follow TSP guidelines for restoration of emergency services first in accordance with SWBT Emergency Operations Plan Overview and General Description MMP 94-08-001 Section 12, dated April 1996, and as subsequently modified;

6.8 Site specific disaster recovery plans for LOC and LSC provisioning work centers in accordance with LOC Disaster Recovery Plan Summary dated April 22, 1996, and SWBT LSC Plan dated June 4, 1996, and as subsequently modified;

6.9 Site specific disaster recovery plan for operational systems and databases in accordance with SWBT Computer Facility Disaster recovery plan dated May 13, 1996, and as subsequently modified; and

6.10 Generic disaster recovery plan for central offices, commercial power and facility outages and in accordance with SWBT Generic Disaster Recovery Plans for Central Offices, Commercial Power, Facility Outages dated May 13, 1996, and as subsequently modified. Copper cable restoration shall be in accordance with SWBT Copper Cable Restoration Methods document dated May 13, 1996, and as subsequently modified. Fiber cable restoration will be in accordance with SWBT Emergency Management Process document dated April 23, 1996, and as subsequently modified.

7.0 Misdirected Repair Calls

7.1 All misdirected repair calls to SWBT from CLEC customers prior to permanent number portability will be given a recording (or live statement) directing them to call the number designated by CLEC. Scripts used by SWBT will refer CLEC customers (in both English and Spanish when available) to the CLEC 800 number in the CLEC CNSC. All calls to 611 in SWBT's territory will continue to receive a standardized vacant code announcement (i.e., a recording specifying the number dialed is not valid) for all customers. CLEC on a reciprocal basis will refer all misdirected repair calls that CLEC receives for SWBT customers to a SWBT designated number. For purposes of permanent number portability the Parties agree to work together to determine whether and to what extent a mutually agreeable method for handling misdirected repair calls may be implemented.

8.0 Repair Procedures

8.1 SWBT agrees to the following:

8.2 Prior to Electronic Bonding Interface (EBI), CLEC will refer repair calls to the SWBT LOC by telephone or via the SWBT Toolbar. After implementation of EBI, CLEC may from time to time call the SWBT LOC. In either event, the following will apply: the SWBT LOC will answer its telephone and begin taking information from CLEC at the same level of service as provided to SWBT's customers when calling the Customer Service Bureau (CSB). The Speed of Answer performance will be provided monthly.

8.3 SWBT will provide a single point of contact (SPOC) for all of CLEC's maintenance requirements under this Attachment (via an 800 number to the LOC) twenty-four (24) hours per day, seven (7) days per week.

8.4 On a reciprocal basis, CLEC will provide a single point of contact (SPOC) for all of CLEC's maintenance requirements under this Attachment (via an 800 number to the CNSC) twenty four (24) hours per day, seven (7) days per week.

8.5 The EBI to be established pursuant to Section 3 preceding shall be on-line and operational twenty-four (24) hours per day, seven (7) days per week except for the scheduled maintenance downtime as documented in Section 6.2 of the SWBT & CLEC Joint Implementation Agreement for the Electronic Bonding Project, Version 1, dated November 2, 1994 or as subsequently modified or as otherwise agreed upon.

8.6 While in manual mode operation, SWBT will provide CLEC "estimated time to restore." The SWBT LOC will notify the CLEC CNSC of each missed repair commitment through a status call. When the trouble ticket commitment time occurs and the trouble ticket has not been closed, an additional status call will provide the CNSC the current status (e.g., trouble was dispatched at 8:00 a.m.). The original trouble commitment will not be changed due to possible loss of priority for that customer. All missed appointments (e.g., vendor meets) will be handled in the same way. This jeopardy status information (on missed commitments/appointments), while in a manual mode, will be provided by SWBT for a maximum of four months after CLEC's market entry date in SWBT states, or until this capability is available through EBI, or until CLEC elects to utilize the Toolbar program to obtain this status. The status of all other tickets will be given to the CLEC CNSC through the fax of a daily log (faxed the next morning to the CLEC CNSC by 8 a.m. Central Time Zone) and will include all "closed tickets" from the previous day (including No Access and closed troubles).

8.7 Notice of emergency network outages, as defined in this Attachment, will be provided to the CLEC NMC within one (1) hour.

8.8 For network outages other than emergency outages, the following performance measurements will be taken with respect to restoration of Unbundled Network Elements and Combinations service:

a)	speed of answer in the LOC - Note: Comparison will be made against the results for speed of answer in SWBT's CSBs (where SWBT's customers call in to refer troubles directly);
b)	percent missed commitments for nondesigned services;
c)	average outage duration time: nondesigned — receipt to clear; designed — mean time to repair;
d)	percent right the first time (repeat reports): nondesigned - 10 days; designed – 30 days;
e)	percent report rate nondesigned - Note: Comparison will be applicable only after CLEC s customer base equals or exceeds 300,000 total lines (Resale and UNE);
f)	percent no access – nondesigned.

8.9 The above performance measurements will be measured and reported to CLEC in a manner consistent with the requirements of Attachment 17.

8.10 For purposes of this Section, service through an Unbundled Network Element or Combination is considered restored or a trouble resolved when the quality of Unbundled Network Element or Combination service is equal to that provided before the outage or the trouble occurred.

9.0 Escalation Procedures

9.1 SWBT will provide CLEC with written escalation procedures for maintenance resolution to be followed if, in CLEC's judgment, any individual trouble ticket or tickets are not resolved in a timely manner. The escalation procedures to be provided hereunder shall include names and telephone numbers of SWBT management personnel who are responsible for maintenance issues. CLEC acknowledges that the procedures set forth in SWBT's LOC POTS Escalation/Expedite Maintenance Procedures dated May 6, 1996, and LOC escalation contact list meet the requirements of this Section.

10.0 Premises Visit Procedures

10.1 SWBT Maintenance of Service Charges, when applicable, will be billed by SWBT to CLEC, and not to CLEC's end-user customers.

10.2 Dispatching of SWBT technicians to CLEC Customer premises shall be accomplished by SWBT pursuant to a request received from CLEC.

10.3 When a SWBT employee visits the premises of an CLEC local customer, the SWBT employee must inform the customer that he or she is there acting on behalf of CLEC. Materials left at the customer premises (e.g., a door hanger notifying the customer of the service visit) must also inform the customer that SWBT was on their premises acting on behalf of CLEC. "CLEC branded" materials, to be utilized by SWBT installation, maintenance and/or repair technicians when dealing with CLEC's customers, will be furnished to SWBT by and at the sole expense of CLEC. SWBT will not rebrand its vehicles and personnel. CLEC will provide a single point of contact so that SWBT, including individual SWBT technicians, can order "CLEC branded" materials via a toll free telephone number provided by CLEC, for delivery to an address specified by SWBT or the technician.

10.4 If a trouble cannot be cleared without access to CLEC's local customer's premises and the customer is not at home, the SWBT technician will leave at the customer's premises a CLEC-branded "no access" card requesting the customer to call CLEC for rescheduling of repair.

11.0 Testing

11.1 All unbundled Network Elements and/or Combination of Element troubles determined not to be end-user customer related or in CLEC's provided network facilities will be reported by CLEC to SWBT. Upon receipt of a trouble report on unbundled Network Element(s), SWBT will test and sectionalize all elements purchased from (or provided by) SWBT. If SWBT determines that a trouble is isolated or sectionalized in network facilities provided by CLEC, then SWBT will refer the trouble ticket back to the CLEC Work Center (CNSC) for handling.

11.2 SWBT and CLEC agree to develop a mutually acceptable Work Center Operational Understanding document to establish methods and procedures to define the exchange of information between SWBT and CLEC under which they will work together.

11.3 MLT Testing

SWBT agrees to provide access to MLT testing to allow CLEC to test its end user lines for which SWBT has combined UNEs, and for end user lines that CLEC has combined UNEs obtained from SWBT, as follows:

11.3.1 MLT testing functionality is available through SWBT's Toolbar Trouble Administration to allow CLEC to test its end user lines for which SWBT combines POTS-like UNEs (analog line side port and 2-wire 8db analog loop) purchased by CLEC from SWBT.

11.3.2 MLT testing functionality is available through its Toolbar Trouble Administration to allow CLEC to test its end user lines for POTS-like UNEs (analog line side port and 2-wire 8db analog loop) combined by CLEC and purchased from SWBT.

12.0 Pricing

12.1 Charges for the relevant services provided under this Attachment and prices for access to OSS are included in Attachment 6, Appendix Pricing UNE - Schedule of Prices.

ATTACHMENT 9: BILLING - OTHER

1.0 Introduction

1.1 This Section describes the requirements for the Parties to bill all charges the Parties incurred other than those addressed in Attachment 4: Connectivity Billing - Resale.

1.2 Charges for the relevant services provided under this Attachment are included in Appendix Pricing-UNE to Attachment 6.

2.0 Billing Information and Charges for UNE

2.1 SWBT will bill in accordance with this Agreement those charges CLEC incurs as a result of CLEC purchasing from SWBT Unbundled Elements as set forth in Attachment 6. Each bill will be formatted in accordance with CABS or as applicable in accordance with EDI for Resale services. Each Billing Account Number (BAN) will be sufficient to enable CLEC to identify the Unbundled Element ordered by CLEC to which charges apply. Each bill will include a Customer Service Record (CSR) and will set forth the quantity and description of each Unbundled Element provided to CLEC.

2.2 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, ordered, established, utilized, discontinued or performed pursuant to this Agreement. Each bill provided by SWBT to CLEC will include: (1) all non-usage sensitive charges incurred for the period beginning with the day after the current bill date and extending to, and including, the next bill date, (2) any known unbilled non-usage sensitive charges for prior periods, (3) unbilled usage sensitive charges for the period beginning with the last bill date and extending up to, but not including, the current bill date, (4) any known unbilled usage sensitive charges for prior periods, and (5) any known unbilled adjustments and (6) any Customer Service Record (CSR) for all recurring flat-rated charges.

2.3 The Bill Date, as defined herein, must be present on each bill transmitted by SWBT to CLEC. Bills will not be rendered for any charges which are incurred under this Agreement on or before one (1) year preceding the Bill Date. In addition, on each bill where "Jurisdiction" is identified, local and local toll charges will be identified as "Local" and not as interstate, interstate/ interLATA, intrastate, or intrastate/intraLATA.

2.4 Each Party will provide the other Party at no additional charge a contact person for the handling of any billing questions or problems that may arise during the implementation and performance of the terms and conditions of this Attachment.

2.5 SWBT will assign to CLEC one Billing Account Number (BAN) per LATA.

3.0 Issuance of UNE Bills

3.1 SWBT will issue all bills in accordance with the terms and conditions set forth in this Section. SWBT will establish monthly billing dates (Bill Date) for each BAN, as further defined in the CABS documents and EDI/BOS document (e.g. AIN), which Bill Date will be the same day month to month. Each BAN will remain constant from month to month, unless changed as agreed to by the Parties. SWBT will provide CLEC at least thirty (30) calendar days written notice prior to changing, adding or deleting a BAN. SWBT will provide one invoice associated with each BAN. All bills must be received by CLEC no later than ten (10) calendar days from Bill Date and at least twenty (20) calendar days prior to the payment due date (as described in this Attachment), whichever is earlier. Any bill received on a Saturday, Sunday or a day designated as a holiday by the Chase Manhattan Bank of New York (or such other bank as the Parties may agree) will be deemed received the next business day. If either Party fails to receive billing data and information within the time period specified above, the payment due date will be extended by the number of days the bill is late.

3.2 SWBT will issue all bills containing billing data and information in accordance with CABS Version 26.0 with exceptions noted in the Differences List, or such later versions of CABS as are published by Bleacher, or its successor, and as further described in AT&T's publication, Unbundled Network Elements Interconnections Interface Requirements, (Sept. 19, 1996) (hereafter AT&T UNE Interface Specifications). To the extent that there are no CABS standards governing the formatting of certain data, such data will be issued in the format agreed by the Parties by thirty (30) days after the Effective Date of the Agreement.

3.3 To avoid transmission failures or the receipt of billing information that cannot be processed, the Parties will provide each other with their respective process specifications and edit requirements. CLEC will provide SWBT reasonable (within 24 hours) notice if a billing transmission is received that does not meet the specifications in this Attachment. Such transmission will be corrected and resubmitted to CLEC, at SWBT's sole expense, in a form that meets the specifications. The payment due date for such resubmitted transmissions will be twenty (20) days from the date that the transmission is received in a form that can be processed and that meets the specifications set forth in this Attachment.

4.0 Electronic Transmissions

4.1 SWBT will transmit billing information and data in the appropriate CABS format or EDI format electronically via Connect:Direct (formerly known as Network Data Mover) to CLEC at the location specified by CLEC. The Parties agree that a T1.5 or 56kb circuit to Gateway for Connect:Direct is required. CLEC data centers will be responsible for originating the calls for data transmission via switched 56kb or T1.5 lines. If SWBT has an established Connect:Direct link with CLEC, that link can be used for data transmission if the location and applications are the same for the existing link. Otherwise, a new link

for data transmission must be established. SWBT must provide CLEC its Connect:Direct Node ID and corresponding VTAM APPL ID before the first transmission of data via Connect:Direct. CLEC's Connect:Direct Node ID is "_____" and VTAM APPL ID is "_____" and must be included in SWBT's Connect:Direct software. CLEC will supply to SWBT its RACF ID and password before the first transmission of data via Connect:Direct. Any changes to either Party's Connect:Direct Node ID must be sent to the other Party no later than twenty-one (21) calendar days before the changes take effect.

4.2 The following dataset format will be used as applicable for those charges transmitted via Connect:Direct in CABS format:

Production Dataset

AF25.AXXXXYYY.AZZZ.DDDEE	Production Dataset Name
AF25 =	Job Naming Convention
AXXXX =	Numeric Company Code
YYY =	SWBT Remote
AZZZ =	RAO (Revenue Accounting Office)
DDD =	BDT (Billing Data Tape with or without CSR) Or CSR (Customer Service Record)
EE =	thru 31 (Bill Period) (optional) Or GA (US Postal-State Code)

Test Dataset

AF25.ATEST.AXXXX.DDD	Test Dataset Name
AF25.ATEST =	Job Naming Convention
AXXXX =	Numeric Company Code
DDD =	BDT (Billing Data Tape with or without CSR) Or CSR (Customer Service Record)

5.0 Tape Or Paper Transmissions

5.1 In the event either Party does not have Connect:Direct capabilities upon the effective date of this Agreement, such Party agrees to establish Connect:Direct transmission capabilities with the other Party within the time period mutually agreed and at the establishing Party's expense. Until such time, the Parties will transmit billing information to each other via magnetic tape or paper (as agreed to by CLEC and SWBT). Billing information and data contained on magnetic tapes or paper for payment will be sent to the Parties at the

locations designated by each Party. The Parties acknowledge that all tapes transmitted to the other Party via US Mail or Overnight Delivery and which contain billing data will not be returned to the sending Party.

6.0 Testing Requirements

6.1 At least 90 days prior to changing transmission mediums (e.g., from paper to mechanized), SWBT will send bill data in the appropriate mechanized format (i.e. CABS or EDI) for testing to ensure that the bills can be processed and that the bills comply with the requirements of this Attachment. The Parties will mutually agree to develop a testing process to ensure the accurate transmission of the bill. SWBT agrees that it will not send bill data in the new mechanized such bill data has met the agreed testing specifications as developed.

6.2 SWBT will send bill data in the appropriate mechanized format (i.e. CABS or EDI) for testing to ensure that bills can be processed and that bills comply with the requirements of this Attachment. After receipt of the test data CLEC will notify SWBT if the billing transmission meets testing specifications. If the transmission fails to meet the agreed testing specifications, SWBT will make the necessary corrections. At least three (3) sets of testing data must meet the mutually agreed testing specifications prior to SWBT sending a mechanized production bill for the first time via electronic transmission. Thereafter, SWBT may begin sending CLEC mechanized production bills on the next Bill Date, or within ten (10) days, whichever is later.

7.0 Additional Requirements

7.1 If SWBT transmits data in a mechanized format, SWBT will comply with the following specifications which are not contained in CABS or EDI/BOS guidelines but which are necessary for CLEC to process billing information and data:

(a) The BAN will not contain embedded spaces or low values.
(b) The Bill Date will not contain spaces or non-numeric values.
(c) Each bill must contain at least one detail record.
(d) Any "From" Date should be less than the associated "Thru" Date and neither date can contain spaces.

8.0 Bill Accuracy Certification

8.1 The Parties agree that in order to ensure the proper performance and integrity of the entire billing process, SWBT will be responsible and accountable for transmitting to CLEC an accurate and current bill. For the purposes of this Agreement, CLEC and SWBT will develop the processes and methodologies required for Unbundled Network Elements bill certification not later than eleven (11) months after the Effective Date of the Agreement, unless otherwise mutually agreed.

9.0 Payment of Charges

9.1 Subject to the terms of this Agreement, CLEC will pay within thirty (30) calendar days from the Bill Date, or twenty (20) calendar days from the receipt of the bill, whichever is greater. If the payment due date is a Sunday or is a Monday that has been designated a bank holiday by the Chase Manhattan Bank of New York (or such other bank as the Parties agree), payment will be made the next business day. If the payment due date is a Saturday or is on a Tuesday, Wednesday, Thursday or Friday that has been designated a bank holiday by the Chase Manhattan Bank of New York (or such other bank as the Parties agree), payment will be made on the preceding business day.

9.2 Payments will be made in U.S. Dollars via electronic funds transfer (EFT) to SWBT's bank account. At least thirty (30) days prior to the first transmission of billing data and information for payment, SWBT will provide the name and address of its bank, its account and routing number and to whom billing payments should be made payable. If such banking information changes, each Party will provide the other Party at least sixty (60) days written notice of the change and such notice will include the new banking information. SWBT desires electronically transferred funds and remittances via automated clearinghouse (ACH) standard EDI transaction sets. CLEC agrees to provide such automated remittances if and when CLEC develops such capability. CLEC will provide SWBT with one address to which such payments will be rendered and SWBT will provide CLEC with one address to which such payments will be rendered. In the event CLEC receives multiple and/or other bills from SWBT which are payable on the same date, CLEC may remit one payment for the sum of all such bills payable to SWBT's bank account specified in this subsection and CLEC will provide SWBT with a payment advice. Each Party will provide the other Party with a contact person for the handling of billing payment questions or problems.

10.0 Examination of Records

10.1 Without waiver of and in addition to the Audit rights in the General part of this Agreement, upon reasonable notice and at reasonable times and in accordance with the Certification Agreement mutually developed out of Section 8 to this Attachment, CLEC or its authorized representatives may examine SWBT's documents, systems, records and procedures which relate to the billing of the charges under this Attachment.

11.0 Meet Point Billing

11.1 CLEC and SWBT will establish and maintain meet-point billing (MPB) arrangements in accordance with the Meet Point Billing guidelines adopted by and contained in the OBF's MECAB and MECOD documents, except as modified herein. Each Party will maintain provisions in its respective federal and state access tariffs, and/or provisions within the

National Exchange Carrier Association (NECA) Tariff No. 4, or any successor tariff to reflect the MPB arrangements identified in this Agreement, including MPB percentages.

11.2 CLEC and SWBT will implement the Multiple Bill/Single Tariff option. As described in the MECAB document, each Party will render a bill in accordance with its own tariff for that portion of the service it provides.

11.3 In the case of tandem routing, the tandem company will provide to the end office company the billing name, billing address, and carrier identification code (CIC) of the Interexchange Carriers (IXCs) in order to comply with the MPB Notification process as outlined in the MECAB document. Such information will be provided, on a one-time basis, in the format and via the medium that the Parties agree. In the event that the end office company is unable to ascertain the IXC to be billed, the tandem company will work with the end office company to identify the proper entity to be billed.

11.4 SWBT and CLEC will record and transmit MPB information in accordance with the standards and in the format set forth in this Attachment. SWBT and CLEC will coordinate and exchange the billing account reference (BAR) and billing account cross reference (BACR) numbers for the MPB arrangements described in this Agreement. Each Party will notify the other if the level of billing or other BAR/BACR elements change, resulting in a new BAR/BACR number.

11.5 This Section Intentionally Left Blank.

11.6 Each Party will provide access usage records to the other Party within ten (10) business days of the recording. The IBC will provide the summary usage records (SURs) to the subsequent billing company within ten (10) business days of sending IBC bills to the IXC.

11.7 Each Party agrees to provide the other Party with notification of any discovered errors within ten (10) business days of the discovery. The appropriate Party will correct the error within ninety (90) calendar days of notification and resubmit the data. In the event the errors cannot be corrected within the time period specified above, the erroneous data will be considered lost.

11.8 Both Parties will provide the other a single point of contact to handle any MPB questions and will not charge for billing inquiries.

11.9 The Parties will work cooperatively to establish a method of recording for purposes of MPB in a facilities based environment not later than thirty (30) days after the Effective Date of the Agreement.

12.0 Mutual Compensation

12.1 The Parties will bill each other reciprocal compensation in accordance with the standards set forth in this Agreement at Attachment 12: Compensation.

12.2 Billing for mutual compensation will be provided in accordance with mutually agreed to CABS-like data content via current industry processes for mutual compensation.

12.3 The Parties will work cooperatively to establish, not later than thirty (30) days after the Effective Date of the Agreement, a method of billing, collecting and remitting for local charges which are billed and collected by one Party but earned by the other Party.

13.0 Pricing

13.1 Charges for the relevant services provided under this Attachment and prices for access to OSS are included in Attachment 6 Appendix Pricing - UNE Schedule of Prices.

ATTACHMENT 10: PROVISION OF CUSTOMER USAGE DATA-UNBUNDLED NETWORK ELEMENTS

1.0 Introduction (Unbundled Elements)

1.1 This Attachment 10: Provision of Customer Usage Data-Unbundled Network Elements sets forth the terms and conditions for SWBT's provision of usage data (as defined in this Attachment) to CLEC. Usage Data will be provided by SWBT to CLEC when CLEC purchases Network Elements from SWBT.

1.2 Charges for the relevant services provided under this Attachment are included in Appendix Pricing-UNE to Attachment 6.

2.0 General Requirements for Usage Data

2.1 SWBT's provision of Usage Data to CLEC will be in accordance with the Performance Metrics to be developed by CLEC and SWBT during and as part of the implementation and testing process. SWBT's performance based on such Performance Metrics will begin to be measured and reported at the time CLEC begins providing local service to customers, but SWBT's provision of Usage Data will not be required to meet such Performance Metrics until six (6) months after CLEC begins providing local services to customers.

2.2 SWBT will retain Usage Data in accordance with CLEC Customer Usage Data Transfer Requirements, March 1996 (Data Requirements), subject to applicable laws and regulations.

3.0 Usage Data Specifications

3.1 SWBT will provide all usage data for CLEC's customers using the SWBT-provided Network Element(s). Usage Data includes, but is not limited to, the following categories of information:

- completed calls;
- use of CLASS/LASS/Custom Features;
- calls to information providers reached via SWBT facilities and contracted by SWBT;
- calls to directory assistance where SWBT provides such service to an CLEC customer;
- calls completed via SWBT-provided operator services where SWBT provides such service to CLEC's local service customer;
- records will include complete call detail and complete timing information for unbundled Network Elements.

SWBT will provide Usage Data for completed calls only for Elements that SWBT records (e.g., unbundled local switching, but not loops).

3.2 SWBT will provide to CLEC Usage Data for CLEC end user customers only. SWBT will not submit other carrier local usage data as part of the CLEC Usage Data.

4.0 Usage Data Format

4.1 SWBT will provide Usage Data in the BellCore Exchange Message Record (EMR) format and by category, group and record type, as specified in the CLEC Customer Usage Data Transfer Requirements, March 1996 ("Data Requirements"), or as otherwise agreed to by the Parties.

4.2 SWBT will include the Working Telephone Number (WTN) of the call originator on each EMR call record.

4.3 End user customer usage records and station level detail records will be in packs in accordance with EMR standards.

4.4 Where technically feasible, SWBT will provide CLEC with recordings which will permit it to render interLATA and intraLATA access bills and end-user bills associated with the use of unbundled network elements. Where such capability is not available (e.g., originating 800 and terminating access calls), SWBT will continue to seek cost effective solutions and in the meantime will ensure that CLEC, as the local service provider, incurs no charges for the provision of such dialing capabilities to their customers.

5.0 Usage Data Reporting Requirements

5.1 SWBT will segregate and organize the Usage Data in a manner agreeable to both Parties.

5.2 SWBT will provide segregated Usage Data to CLEC locations as agreed to by the Parties.

5.3 SWBT will transmit formatted Usage Data to CLEC over Network Data Mover Network using CONNECT:Direct protocol, or otherwise agreed to by the Parties.

5.4 CLEC and SWBT will test and certify the CONNECT:Direct interface to ensure the accurate transmission of Usage Data.

5.5. SWBT will provide Usage Data to CLEC daily (Monday through Friday) on a daily time schedule to be determined by the parties.

5.6 SWBT will establish a single point of contact to respond to CLEC call usage, data error, and record transmission inquiries.

5.7 The Usage Data EMR format, content, and transmission process will be tested no later than April 1, 1997, or otherwise as mutually agreed by both Parties.

6.0 Charges

6.1 SWBT will bill and CLEC will pay the charges set forth in this Agreement. Billing and payment will be in accordance with the applicable terms and conditions set forth in this Agreement.

7.0 Local Account Maintenance

7.1 When CLEC purchases certain Network Elements from SWBT, SWBT will provide CLEC with Local Account Maintenance. When SWBT is acting as the switch provider for CLEC, where CLEC is employing UNEs to provide local service, SWBT will notify CLEC whenever the local service customer disconnects switch port (e.g., WTN) service from local service customer discounts switch port (e.g., WTN) service from CLEC to another local service provider. SWBT will provide this notification via a mutually agreeable 4-digit Local Use Transaction Code Status Indicator (TCSI) that will indicate the retail customer is terminating local service with CLEC. SWBT will transmit the notification, via the Network Data Mover Network using the CONNECT:Direct protocol, within five (5) days of SWBT reprovisioning the switch. The TCSI, sent by SWBT, will be in the 960 byte industry standard CARE record format. CLEC will pay to SWBT a per transaction charge of eight cents ($0.08) for each working telephone number (WTN) transmitted.

7.2 SWBT will accept account changes that affect only the pre-subscribed intraLATA and/or interLATA toll provider (PIC) through the following procedure: SWBT will accept an LD "PIC Only" Change via the service Order feed to provision the LD change in SWBT's network. SWBT will convey the confirmation of the "PIC Only" change via the Work Order Completion feed. In addition, SWBT will reject, via the industry standard CARE Record 3148, any Interexchange Carrier initiated change of the Primary Interexchange Carrier (PIC), where SWBT is the switch provider either for the retail local services of SWBT that CLEC resells or UNEs of SWBT that CLEC employs in providing service.

7.3 These procedures are in addition to Service Order Procedures set forth in Attachment 7: Ordering and Provisioning - UNE. SWBT will meet the Local Account Maintenance requirements set out in CLEC, Unbundled Network Element: Interconnection Interface Requirements, "Account Maintenance," version 1.0 (September 19, 1996), as updated or as the Parties may otherwise agree.

8.0 Alternatively Billed Calls

8.1 Calls that are placed using the services of SWBT or another LEC or LSP and billed to an unbundled Network Element (e.g., switch port) of CLEC are called "Incollects." Calls that are placed using CLEC Network Elements (e.g., switch port) and billed to a SWBT line or other LEC or LSP are called "Outcollects."

8.2 Outcollects: SWBT will provide to CLEC the unrated message detail that originates from an CLEC subscriber line but which is billed to a telephone number other than the originating number (e.g., calling card, bill-to-third number, etc.). SWBT has agreed to transmit such data on a daily basis. CLEC as the Local Service Provider (LSP) will be deemed the earning company and will be responsible for rating the message at CLEC tariffed rates and CLEC will be responsible for providing the billing message detail to the billing company for end user billing. CLEC will be compensated by the billing company for the revenue it is due. A message charge for SWBT's transmission of Outcollect messages to CLEC is applicable, and SWBT will bill CLEC for the transmission charge.

8.3 Incollects: For messages that originate from a number other than the billing number and that are billable to CLEC customers (Incollects), SWBT will provide the rated messages it receives from the CMDS1 network or which SWBT records (non-ICS) to CLEC for billing to CLEC's end-users. SWBT will transmit such data on a daily basis. SWBT will credit CLEC the Billing and Collection (B&C) fee for billing the Incollects. The B&C credit will be provided in accordance with the procedures set forth in Attachment 4: Connectivity Billing-Resale of the Agreement and the credit will be $.05 per billed message. CLEC and SWBT have stipulated that a per message charge for SWBT's transmission of Incollect messages to CLEC is applicable, and SWBT will bill CLEC for the transmission charge.

9.0 Pricing

Charges for the relevant services provided under this Attachment and prices for access to OSS are included in Attachment 6, Appendix Pricing UNE Schedule of Prices.

ATTACHMENT 11: PHYSICAL NETWORK INTERCONNECTION

This Attachment 11 describes the physical construction requirements of CLEC and SWBT for interconnection of their networks for the transmission and routing of Exchange Service and jointly provided Switched Access service, including ordering, signaling, and maintenance.

The following are noted for reference.

1.0 Compensation terms for local and intraLATA toll and facilities and trunking to provide local and intraLATA toll are set forth in the appropriate Appendix Pricing of this Agreement.

2.0 Related record-keeping and record exchange requirements are set forth in Attachments 4, 5, 9 and 10 of this Agreement.

3.0 Charges for physical network interconnection, including port, collocation, and transport (facility and trunk) will be pursuant to Attachment 6, Schedule of Prices, of this Agreement.

4.0 Interconnection provided by SWBT shall be at least equal in quality to that provided to itself or any subsidiary, affiliate or third party and is subject to the requirements of Attachment 17 of this Agreement.

5.0 Intentionally left blank.

PART A: INTERCONNECTION POINTS

1.0 SWBT shall permit CLEC to physically interconnect with SWBT at any technically feasible point, including, without limitation, tandems, end offices, designated Points of Interconnection ("POI") and customer premises (with customer premises interconnection subject to Part B, Section 1.4 of this Attachment). Nothing in this Attachment shall limit CLEC's right to interconnect with SWBT. POI means the point at which the Parties physically interconnect their networks. The POI shall serve as the point of demarcation for maintenance and provisioning responsibilities between the Parties.

*1.1 Subject to Section 1.2 below, the Parties will interconnect their network facilities at a minimum of one mutually agreeable and technically feasible Point of Interconnection (POI) in each SWBT Exchange Area in which CLEC offers local exchange service. For purposes of interconnection and inter-carrier compensation, "Exchange Area" shall be defined consistent with SWBT's Missouri retail tariffs, except that the entirety of a Metropolitan Calling Area ("MCA") shall be considered a single Exchange Area, in circumstances where CLEC establishes a POI at a SWBT local tandem located within that MCA. If CLEC establishes a POI at a SWBT local tandem located in a MCA, CLEC may, at its option, deliver to SWBT at that POI all traffic that originates and terminates within that MCA, until such time as traffic volumes between CLEC and a particular SWBT end-office within that MCA justify deployment of direct trunking. Each party will be responsible for providing necessary equipment and facilities on their side of the POI for this arrangement. If CLEC establishes collocation at an end office, any direct trunks will be provisioned over the CLEC collocation facility. A POI will be identified by street address and Vertical and Horizontal (V & H) Coordinates. This process will continue as CLEC initiates exchange service operations in additional SWBT Exchange Areas.

*1.2 If CLEC desires a single POI or multiple POIs in a LATA, SWBT agrees to provide, for the exchange of local traffic, dedicated or common transport to any other Exchange Area within the LATA requested by CLEC, or CLEC may self-provision, or use a third party's facilities. Such interconnection shall be permitted only to the extent it is technically feasible. Disagreements regarding terms and conditions to implement this paragraph will be subject to negotiation and, if necessary, resolution in accordance with the provisions of General Terms and Conditions, Section 9.5 (Formal Resolution of Disputes).

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3.3 The Interconnection of the CLEC and SWBT networks would be designed to promote network efficiency as long as CLEC does not combine traffic in order to avoid payment of access charges for intraLATA and interLATA traffic originating by or terminating to a customer who is not a CLEC local exchange customer.

*3.4 Each Party will be responsible for providing facilities and engineering its network on its side of the IP.

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*4.0 If CLEC determines to offer local Interconnection within a SWBT area, CLEC shall provide written notice to SWBT of the need to establish Interconnection in each local exchange area. Such request shall include (i) CLEC's Switch address, type of Switch and CLLI code; (ii) CLEC's requested Interconnection activation date; and (iii) a non-binding forecast of CLEC's trunking and facilities requirements.

5.0 Upon receipt of CLEC's notice to interconnect, the Parties shall schedule a meeting to negotiate and mutually agree on the network architecture (including trunking). The Interconnection activation date for an Interconnect shall be established based on then-existing force and load, the scope and complexity of the requested Interconnection and other relevant factors.

6.0 CLEC and SWBT will review engineering requirements on a semi-annual basis and establish forecasts for facilities utilization provided under this Attachment.

7.0 CLEC and SWBT shall:

7.1 Provide trained personnel with adequate and compatible test equipment to work with each other's technicians.

7.2 Notify each other when there is any change affecting the service requested, including the due date.

PART B: INTERCONNECTION ARCHITECTURE

1.0 METHODS - The Party that is responsible to provide the transport facilities shall select one of the following interconnection methods to establish and augment such facilities in accordance with the provisions set forth in this Part B:

1.1 Interconnection by one Party at the premises of the other Party.

1.1.1 SWBT shall provide collocation to CLEC pursuant to the terms set forth in Attachment 13, Appendix Collocation, of this Agreement. CLEC may purchase such collocation at the rates, terms, and conditions set forth in this Agreement. In the event of any conflict between the terms and conditions of this Agreement and the terms and conditions of the tariff, the Agreement shall control.

1.1.2 CLEC, at its sole discretion, may permit SWBT to utilize space and power in CLEC facilities specified by CLEC solely for the purpose of terminating I-Traffic. The terms and conditions of such arrangement shall be pursuant to Part G: Space License of this Agreement.

1.2 Leased Facilities – where the Party requesting interconnection utilizes the facilities offered by the other Party. Such leased facilities shall be provided at the rates, terms, and conditions set forth in this Agreement and consistent with applicable law.

1.3 Third Party Facilities – where the Party requesting interconnection utilizes the facilities provided by a source other than the Parties to this agreement. The Party utilizing this option shall comply with industry standards to maintain network integrity and will be solely responsible for any charges or fees assessed by the third party for use of its facilities.

1.4 Intra-building Interconnection – where both Parties have constructed broadband facilities into a building (*e.g.*, a commercial building that is not a telephone central office or a telephone central office condominium arrangement) and agree to establish a POI at such location utilizing intra-building cable. Such arrangements will be subject to mutual agreement by both Parties.

1.5 Mid-Span Fiber Interconnection – subject to mutual agreement of the Parties, interconnection of each Party's fiber cable at a location where the parties have jointly established a POI, or where each Party provides a fiber cable to the other Party's serving wire center. Unless otherwise mutually agreed, each Party shall bear its own costs to install and operate the facilities on its side of the POI.

1.5.1 The Parties will work cooperatively in the selection of compatible transmission equipment.

1.5.2 Unless the Parties otherwise mutually agree, the SONET data control channel will be disabled.

*1.5.3 Subject to Part C, Mid-Span Fiber Interconnection trunks shall be two-way.

1.6 Intentionally left blank.

1.7 Either Party may combine originating local and intraLATA toll traffic with exchange access traffic on Feature Group B and D exchange access trunks it obtains from the other Party, and report to the other Party the factors necessary for proper billing of such combined traffic.

1.8 Any other method mutually determined to be technically feasible and requested by CLEC. If the Parties cannot agree that a particular method is technically feasible, after discussion for a period of thirty consecutive days, then either Party can seek resolution of such disagreement in accordance with the dispute resolution process set forth in Section 9 of the General Terms and Conditions of this Agreement. If a technically feasible interconnection method requested by CLEC pursuant to this Section 1.8 is substantially more costly to SWBT than each of the other methods explicitly provided for in this Part B, then CLEC shall bear the additional cost of such requested interconnection method, including a reasonable profit. If the Parties cannot agree (1) that such requested method is substantially more costly to SWBT than each of the other methods explicitly provided for in this Part B or (2) to the amount of any additional costs that CLEC would bear to interconnect to SWBT using such requested method, after discussion for a period of thirty consecutive days then either Party can seek resolution of such disagreement in accordance with the dispute resolution process set forth in Section 9 of the General Terms and Conditions of this Agreement.

*1.9 The Parties shall effect an Interconnection that is efficient, fair and equitable with each party being financially responsible for approximately half of the Interconnection facilities or in any other manner that is mutually agreeable to the Parties.

1.10 With respect to facilities that carry OS/DA, 911 or mass calling, each Party is financially responsible for the delivery of its originating traffic to the other Party's terminating switch (i.e., CLEC would be solely responsible for ancillary trunks used solely for CLEC's traffic).

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1.12 Processes:

1.12.1 Both Parties will perform a joint validation to ensure current Interconnection facilities and associated trunks have not been over-provisioned. If any facilities and/or associated trunks are over-provisioned, they will be turned down where appropriate. Trunk design blocking criteria described in Part E Section 7 will be used in determining trunk group sizing requirements and forecasts.

1.12.2 Both Parties will negotiate a project service date and corresponding work schedule to construct relief facilities prior to facilities exhaust.

1.12.3 The joint planning process/negotiations should be completed within two months of the initiation of such discussion.

2.0 TRANSITION TO NEW ARRANGEMENT – In the event the agreement includes interconnection arrangements that differ from those already employed by the Parties, the Parties will convert all existing I-Traffic, defined as local, intraLATA toll, transit, and meet point traffic, interconnection arrangements and trunks to the interconnection arrangements described in this Agreement in accordance with the following:

*2.1 Within forty five (45) days of the Effective Date of this Agreement, the Parties will mutually develop a transition plan for each LATA or local exchange area based on the terms of this Agreement, that will specify: (1) each Party's IPs; (2) to the extent known at that time, each Party's plans for deploying new interconnection facilities (e.g., build or lease); (3) the existing interconnection arrangements that will be grandfathered, if any; (4) the applicable grandfather period for each such arrangement; (5) the sequence and timeframes for the balance of the existing arrangements to be converted to the new interconnection arrangement; and (6) any special ordering and implementation procedures to be used for such conversions.

*2.2 Each Party shall bear its own costs to convert from the existing interconnection arrangements to the interconnection arrangements described in this Agreement. If one Party unilaterally seeks to change the network architecture from one previously agreed to by the Parties, the Party seeking the change shall pay such conversion costs. The conversion costs will be defined as the time and materials required to complete the requested conversion.

2.3 Unless otherwise mutually agreed, the Parties will complete the conversion within one (1) year of the Effective Date of the Agreement.

2.4 If, following one (1) year after the Effective Date of the Agreement, there exists any I-Traffic trunks which (1) are not grandfathered pursuant to Section 2.1 of this Part B and (2) have not been converted to the interconnection arrangements described in this Agreement, then either Party may elect to initiate an Alternative Dispute Resolution proceeding, in accordance with the process set forth in Section 9 of General Terms and Conditions of this Agreement, to require the other party to complete such conversion.

*3.0 MEET POINT TRAFFIC - The Parties will establish separate, two-way trunk groups to carry Meet Point Traffic. The trunks will be established in GR-394-CORE format. The Parties agree that the following provisions will apply to the switching and transport of Meet Point Traffic:

*3.1 Each Party will provide to the other Party tandem switching and transport of Feature Group B and D calls from end-users who have chosen an IXC that is connected to the first Party's tandem switch.

3.2 Neither Party will charge the other for the use of its facilities; and the Parties will allocate revenues from the switched access services provided to the IXC in accordance with MECOD/MECAB guidelines.

*3.3 Such facilities will not be used by the long distance carrier to avoid access tandem charges, only to provide competition in the access tandem switching environment.

3.4 At CLEC's request, one-way Meet Point Traffic 64 Kbps CCC trunks will be established by the Parties to enable CLEC to deliver undipped 8YY traffic from CLEC Customers to the LEC SSP for dipping in the Industry Toll Free Data Base. All originating toll free service calls for which CLEC requests that SWBT perform the SSP function (e.g., perform the database query) shall be delivered to SWBT, using an agreed upon signaling format. This can be either GR-394-CORE format with Carrier Code "_____" and Circuit Code of "____" or GR-317-CORE format. Charges for dipping and transport to the IXC will be billed in accordance with MECOD/MECAB guidelines.

3.5 With respect to all CLEC 5ESS switches identified in the LERG with an OCN of 7421 (i.e., 5ESS adjunct switches to 4ESS switches), the parties will agree on a single destination in the LATA for all LEC bound translated 8YY calls (*e.g.*, the SWBT tandem that such CLEC 5ESS switch subtends). All originating Toll Free Service calls for which the end office Party performs the SSP function, if delivered to the tandem Party, shall be delivered by the end office Party using GR-394 CORE format for IXC bound calls, or using GR-317-CORE format for LEC bound calls, over a separate 64 kbps CCC Meet Point Billing Trunk Group. This trunk group can also be used for incoming IXC originated traffic destined for the CLEC end office.

3.6 In the case of Switched Access Services provided through either Party's access tandem, the Party providing the access tandem transit will have no responsibility for ensuring that the Switched Access Service customer will accept or pay for the traffic.

*3.7 The tandem Party in meet point trunking arrangements shall direct traffic received from Switched Access customers directly to the other Party's end office serving the called party where such connection exists and is available. Where no such end office connection exists or is available, traffic received from Switched Access customers in all cases shall be sent to the other Party's tandem that is subtended by such end office.

*3.8 The Parties agree to cooperate in determining the future technical feasibility of routing originating meet point billing traffic via a tandem of one Party and a tandem of the other Party for the purpose of delivering such traffic to the Switched Access customer. If such an arrangement is found to be technically feasible, the Parties will cooperate in implementing the arrangement, including the adoption of appropriate compensation terms.

3.9 The Parties will exchange SS7 signaling messages with one another, where and as available. The Parties will provide all line information signaling parameters including, but not limited to, Calling Party Number, Charge Number (if it is different from calling party number), and originating line information ("OLI"). For terminating FGD, either Party will pass any CPN it receives from other carriers. All privacy indicators will be honored. Where available, network signaling information such as Transit Network Selection ("TNS") parameter (SS7 environment) will be provided by the end office Party wherever such information is needed for call routing or billing. Where TNS information has not been provided by the end office Party, the tandem Party will route originating Switched Access traffic to the IXC using available translations. The Parties will follow all industry Ordering and Billing Forum (OBF) adopted guidelines pertaining to TNS codes.

4.0 STANDARDS – The Parties will use the following interconnection standards:

4.1 The Parties agree to establish Binary 8 Zero Substitution - Extended Super Frame ("B8ZS ESF") line protocol, where technically feasible.

4.2 In those cases where either Party's equipment will not support 64K Clear Channel Capability ("CCC"), the Parties agree to establish AMI line coding. Any AMI line coding will be Superframe formatted. Except where multiplexing to a DS1 signal, DS3 facilities will be provisioned with C-bit parity.

4.3 Where additional equipment is required, such equipment shall be obtained, engineered, and installed to support 64K CCC trunks.

4.4 All interconnection facilities between the Parties will be sized according to mutual forecasts developed per the requirements of Part F (Forecasting) of this Agreement and sound engineering practices.

4.5 Interconnection will be provided, subject to the operations plan described in Section 2 of this Part B, utilizing either a DS1 or DS3 interface or, with the mutual agreement of the Parties, another technically feasible interface (*e.g.*, STS-1).

4.6 Electrical handoffs at the POI(s) will be DS1 or DS3 as mutually agreed to by the parties. When a DS3 handoff is agreed to by the Parties, SWBT will provide any multiplexing required for DS1 facilities or trunking at their end and CLEC will provide any DS1 multiplexing required for facilities or trunking at their end.

PART C: TRUNK ARRANGEMENTS

*1.0 Local and intraLATA toll and Transit Traffic trunk groups will be provisioned to carry combined local and intraLATA traffic. Unless the parties mutually agree otherwise, local and intraLATA toll and Transit Traffic trunk groups shall be two way trunks. Local, IntraLATA, local/IntraLATA, or InterLATA two-way trunk groups can be established between a CLEC switch and a SWBT Tandem or End Office switch. This trunk group will utilize Signaling System 7 (SS7) or multi-frequency (MF) signaling protocol, with SS7 signaling preferred whenever possible. Two-way trunking will be jointly provisioned and maintained.

*2.0 The Parties agree to exchange traffic data on two-way trunks and to implement such an exchange within three (3) months of the date that two-way trunking is established and the trunk groups begin passing live traffic, or another date as agreed to by the Parties. Exchange of traffic data will permit each company to have knowledge of the offered and overflow load at each end of the two-way trunk group, and thereby enable accurate and independent determination of performance levels and trunk requirements. The parties agree to the electronic exchange of data.

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4.0 Transit traffic is originated by or terminated to the CLEC End User from or to other networks and not to SWBT End Users.

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*8.0 All traffic received by SWBT on the direct End Office trunk group from CLEC must terminate in the End Office, i.e. no Tandem switching will be performed in the End Office. Where End Office functionality is provided in a remote End Office of a host/remote configuration, the Interconnection for that remote End Office is only available at the host switch. The number of digits to be received by the SWBT End Office shall be mutually agreed upon by the Parties. This trunk group shall be two-way.

9.0 Intentionally left blank.

10.0 Two-way Meet Point Traffic trunk groups will be established, separate from local and intraLATA toll and Transit trunk groups, pursuant to Section 3 of Part B, to carry Switched Access traffic for third-party IXC customers.

11.0 Intentionally left blank.